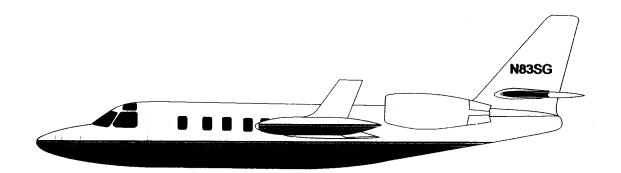
N83SG



AIRFRAME LOG BOOK

Westwind 1124A

Serial Number:

368

Date of Manufacture: November 1981

Type Approval: A2SW



TRANSPORT CANADA A.M.O. 109 - 97

27 JUNE 1998 W.O. 980175

AIRCRAFT WORK REPORT
AND LOGBOOK ENTRY

REG'N: N368MD

A/C T.T.:

6488.0

MODEL: WW 1124A

A/C Ldgs.:

4867

report by M. Sjerdal

S.N.: 368

page 1 of 1

The following maintenance has been performed per customer request and the IAI WW 1124A

Maintenance Manual:

- Left engine, s.n.: P-77482, with 6171.2 hours and 4522 cycles, investigated to determine and correct cause of fluctuating N1 RPM indication. N1 Monopole, p.n.: 3073827-1, s.n.: 4162, replaced due to insulation breakdown with p.n.: 3073827-4, s.n.: 971936001322, per SB 77-3021 R0. GRN 11497. Refer to Garrett 731 Engine Logbook for further detail.
- Left and right MLG tires replaced with new customer supplied parts, due to tread wear. Left MLG tire p.n.: 249K83-3, s.n.: 60640586. Right MLG tire p.n.: 249K83-3, s.n.: 60650264. Wheel assemblies, p.n.: 5002823, s.n.: Jun89-537, and Mar94-662 eddy current and mag. particle inspected as required.
- 3 Aircraft preflight inspection performed. Hydraulic reservoir serviced with one quart of Skydrol.

Pertinent details of the work performed are on file at this agency under WORK ORDER NO. 980175

PACIFIC AERO TECH INC. VANCOUVER, B.C.

TRANSPORT CANADA
Approved Maintenance Organization 109-97

The maintenance described has been performed in accordance with the applicable standards of airworthiness, and the aircraft is released for return to service.

ALI ISHMAIL

M 259246

DIRECTOR OF MAINTENANCE



TRANSPORT
CANADA
A.M.O. 109-97

ENGINE SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS, AND OVERHAULS

			AC	CUMULA	TIVE TOTALS			
	HOURS	CYCLES	HOUR	S	CYCLE	S	NEXT MAJOR INSPECTION	
DATE	THIS	THIS	SINCE	SINCE	SINCE	SINCE	DUE AT	
	FLIGHT	FLIGHT	NEW	O/H	NEW	O/H		
27 JUNE 98	****	****	6171.2	****	4522	****	6547.0 ENGINE OPERATING HOURS	

SERIAL NO.:

P 77482

D.o.M. :

11 SEPT 81

A/C S.N. :

368

A/C REG'N.:

N368MD

MODEL : PART NO. : 731 - 3 - 1G 3072500-2 MSP NO.: OIL TYPE:

3108D MOBIL JET II

A/C LDGS:

6488.0 4867 A/C TYPE :

1124A

1

The following maintenance has been performed in accordance with the IAI West Wind 1124A Maintenance Manual, and the AlliedSignal AeroSpace TFE 731-3 Light Maint. Manual:

- Engine investigated to determine and correct cause of fluctuating N1 RPM indication. N1 Monopole, p.n.: 3073827-1, s.n.: 4162, replaced due to insulation breakdown, with p.n.: 3073827-4, s.n.: 971936001322, per SB 77-3021 R0. GRN 11497
- N1 monoploe support plate replaced per SB 77-3015 R0, with p.n.: 3071417-3
- Engine serviced with two quarts of Mobil Jet II Synthetic Turbine Engine oil.
- Inspections, tests, function checks and adjustments completed as required with satisfactory results.

			INSPECTIO	ON FORECAS	T: ENG. H	RS. NEXT DUE	≣:		
BASELINE SOAP	150 HR.	300 HR.	600 HR.	800 HR.	M.P.I.	PLENUM	CORE	FAN SUPPORT	ACCY. G / BOX
N/A	CAMP	CAMP	N/A	CAMP	6547.0	6547.0	9347.0	9347.0	9347.0

ENGINE PERFORMANCE EVALUATION AND INSTRUMENT CALIBRATION CHECK RUN NOT PERFORMED **INSTRUMENT ERROR** PERF. MARGINS **NOZZLE AREAS VIBRATION** N1 Ш IPS **RPM A4 A5** N2 N2 ITT UNK % UNK C 13.905 26.035 UNK UNK **UNK% UNK% UNK C**

Pertinent details of the work performed are on file at this agency under WORK ORDER NO. 980175

PACIFIC AERO TECH INC. VANCOUVER, B.C.

TRANSPORT CANADA
Approved Maintenance Organization 109-97

The maintenance described has been performed in accordance with the applicable standards of airworthiness, and is released for return to service.

MARVIN K. SJERDAL M250243 QUALITY ASSURANCE MANAGER page 1 of 1

4380 Agar Drive, Vancouver International Airport, Richmond, PC V7B 1A3 Tel: (604) 273-4649 • Fax: (604) 273-4661



5301 Airport Rd. South Richmond B.C. V7B 1B5 Phone: 604-244-9699

Fax: 604-244-0837

Report of Non Destructive Examination

N386MD

Nº 11520

Eddy Current Wheel Inspection Maintenance Release Tag

Client: Pacific Aerotech									Da	ite:	26	Jun	e, 1	998		_
P.O. # <u>A2124</u>									W.	.O. #	 # :	A6	98-1	163		_
Standards / Specifications:	AB	sc	GS	-SL-	36 F	₹2								-		-
Inspection Area Code																
A: Bead Seat B-F: Per applicable Speci	fication	· · · · · ·		AA X:								able ifica			icati	on
	Ins	pec	tio	n re	su	lts										
Part Serial		Ą		В		С		D		E		F	Ž	X	1	A A
Number Numbe	er Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej
5002823 Outbd Jun89-537		ļ								<u> </u>		<u> </u>				
5002823 Outbd Jun89-537	/															
5002823 Outbd Mar94-662	1															
5002823 Outbd Mar94-662	✓															
				-												
Notes:			1		l		<u></u> 1									

The Maintenance described bereon has been performed in accordance with the applicable standards of airworthiness

Technician M. Nittinz Lev3 E/C/

AMO 218-91



V388mD

Report of Non Destructive Examination

业1152

Magnetic Particle / Liquid Penetrant Inspection Maintenance Release Tag

Client:	Pacifi	c Aerotech						Date: 26 June, 1998
P/O #:	A2124	4	_					W.O. # A698-163
A/C Type:	West	wind						Reg
Standards	- Mil S	Std 6866			Ot	her]LPI	
✓ MPI	- Mil S	Std 1949				-	MPI	
Technique	LPI:	Type 1	Method	А 🔲В	c]	2 3 4
				MPI:	Wet	Fluoresce	ent	\checkmark
Part Descrip		Part Number	Serial Number	Method	Qty	Acc.	Reject	Remarks
Bolts		GY187-36		WFMPI	8	✓		
<u> </u>								
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	700							
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Notes								
The Maintenand Technician:	ce descril	bed hereon has been	n performed in account	appe with the	applica	ble standar	ds of airwo	orthiness. AMO 218-91

GARRETT AVIATION SERVICES

PART IDENT LABEL

PART IDENT LABEL

REMOVED PART DETAIL	· [-]	APP CERT
PART NUMBER		QUANTITY 1
SERIAL NUMBER	REMOVAL TYPE SCHED/UNSCHED	PART CODE SERIAL NUMBER 99 0 5315 971936001322
DESCRIPTION		PART NUMBER: 3073827-4
POSITION A/C	STATION DATE	DESCPN: TRANSDUCER N1
		SHELF LIFE EXPIRY CONDITION A
REASON FOR REMOVAL	CONDITION SERV.	ORIGINAL BATCH LOC BIN NO. 730347 LAX 731-5B
	U/S	VENDOR ORDER NUMBER FITTED TO
STAMP/SIGNATURE	DATE	TNSP STAMP DATE TECH LOG PAGE

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VS/QA 025 ISSUE 2

1. Country	ED STATES		3. System Tracking Ref. No. B9800081735 5. Workorder, Contract or Invoice Number H919R2-001 002 No. 12. Status / Work					
4. Organizat	ALLIEDS 1944 E. PHOENIX	IVAL						
6. Item		7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial / Batch No.		Status / Work
001	SUPPORT XDO	11497	3071417-3	VARIOUS	1	NGNE	NEM	
	ORM IS ISSUE CANADA-ALL I		RSCR CIRCLE PHOENIX, AZ	85034 AS AUT	HORIZED BY	THE PRODUCTION	N APPROVAL HO	LDER
	rts must be accompanie	d by maintenance history including t	total time / total cycles / time since new.	1				
was (were) m	the new or newly overh nanufactured in accorda	auled part(s) identified above, excep nce with FAA approved design data d, the special requirements of the in		Certifies that the value airworthiness reguservice.	lations and in resp	OCK 13 (or attached) abovect to the work performed	I the part(s) is (are) ap	proved for return to
15. Signatur	my XR	he	16. FAA Authorization No. ODARF602216NM	20. Authorized Signat	ture			Certificate Number
17. Name (7 SUSAN	Typed or Printed) BLAKE		18. Date 23JUN98	22. Name (Typed or I	Printed)		23	. Date

FAA FORM 8130

*(Optional) Installer must cross check eligibility with applicable technical data.

Airworthiness Approval Tag User / Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases airgraft maintenance records must contain an installation certification issued in accordance with the national regulations by user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. equivalent acceptable documents.

Other countries such as Canada also have

1. Country	ED STATES	2.	FAA FORM AIRWORTHINESS A U.S. DEPARTMENT OF FEDERAL AVIATION A	PPROVAL TAG			3. System Trackin	
4. Organiza	1944 E.	IGNAL INC. SKY HARBOR CIRCLE , AZ B5034		PRODU	CTION APPR	DVAL	5. Workorder, Co H919R2-0	ontract or Invoice Number
6. Item		7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial / Batch No.		12. Status / Work
001	RING RETAIN	1 1 4 9 7	3070424-1	VARIDUS	1	NONE	ИЕМ	
Limited life pa	arts must be accompanie	d by maintenance history including to	otal time / total cycles / time since new.					
Certifies that was (were) n	nanufactured in accordar	auled part(s) identified above, excep nce with FAA approved design data d, the special requirements of the im	and airworthiness.	Certifies that the	n Accordance with F work specified in bl llations and in resp	FAR 43.9 ock 13 (or attached) above ect to the work performed	e was carried out in the part(s) is (are)	accordance with FAA approved for return to
15. Signatur	1an DE	ali	16. FAA Authorization No. ODARF602216NM	20. Authorized Signat	ture			21. Certificate Number
17. Name (1 SUSAN	Typed or Printed) BLAKE		18. Date 23JUN98	22. Name (Typed or I	Printed)			23. Date
FAA FORM	1 8130		(*(Optional) Instal	ller must cross ch	eck eligibility with applica	able technical data	a. (

Alrworthiness Approval Tag User / Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. equivalent acceptable documents.

Other countries such as Canada also have,

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UNITE	ED STATES		3.System Tracking Ref. No. L30835 5. Work Order, Contract, or Invoice Number					
Ø R	Rockwell	R/EL30835						
6. Item	7. Descripti	on	8. Part Number	9. Eligibility*	10.Quantity	11.Serial/Batch Number	r 12. Status/Work	
1	MSI80C		622-4382-013	TSO ARTICLE N/A	1	330	OVERHAULED	
SBIN	TO ATTACHED SERVING TESTED PER CONSTRUCTION OF THE PER	CMM 523-076	DUM # L30835 FOR SERVICE DETA 7675-006118 by maintenance history includi			******	-006118	
14. New □ Newly Overhauled □ 19. Return to Service in Accordance with FAR 43.9 Certified that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13, was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.								
14							ertificate Number: NZ2R049L	
17. Name (Typed or Printed): 18. Date: 22. Name (Typed or Printed): \$\frac{5}{5} \text{even } \text{J. Gilso}.							ate: bruary 5, 1998	

^{•074-6058-300 (}FAA Form 8130-3 (11-93))



FAA Form 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

36004-6 2. 3. System Tracking Number UNITED STATES **FAA FORM 8130 - 3** 20673 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation **Federal Aviation Administration** 4. Organization 5. Work Order, Contract Number, or Invoice Number Repair Station # FQNR193 Furst Instrument Corp. 20673 185 Berger Street, Wood-Ridge, NJ 10. Quantity 11. Serial/Batch Number 12. Status/work 6. Item 7. Description 8. Part Number 9. Eligibility * 1 B44202-10-014 Various Aircraft 501 **OVERHAUL ALTIMETER** One 13. Řemarks **See Attached Condition Report** Limited life parts must be accompanied by maintenance history including total time / total cycles / time since new. 14. New Return to Service in Accordance with FAR 43.9 Newly Overhauled Certifies that the work specified in block 13 (or attached) above was carried out in Certifies that the new or newly overhauled part(s) identified above, except as otherwise accordance with FAA airworthiness regulations and in respect to the work performed specified in block 13 was(were) manufactured in accordance with FAA approved design data and airworthiness the part(s) is(are) approved for return to service. **Note:** In case parts to be exported, the special requirements of the importing country have been met. 21. Certificate No. 15. Signature 16. FAA Authorized No. 20. Authorized Signature FONR193L 23. Date 17. Name (typed or Printed) 18. Date 4/2/98 *(Optional) Installer must cross check eligibility with applicable technical data. **Airworthiness Approval Tag FAA Forms 8130-3 User/Installer Responsibilities** It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential the user/installer ensures that his(her) Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other

tries such as Canada also have equivalent acceptable documents

Form 813 11-03)

*U.S. GPO:

301-706/94264

1. UNIT	TED STATES	2. U.S. D	AIRWO	FAA FORM 81 ORTHINESS APPI Transportation Feder	ROVAL TAG		System Tracking Ref No. R1MFA001			
4. Orga				Lincoln, NE 6852			order, Contract or Invoice R1MFA			
Item		7. De	escription			8. Par	t Number			
001	Autopi	lot Amp	lifier		622-31	622-3108-016				
	9. Eligibility*		10. Quantity	11. Serial/Bate	ch Number	12. St	atus/Work			
VARI	OUS	22.47.77%	001	1950		Repaired				
13. Ren	narks									
	ICON HEALT P/N 622-31			1950	M/N APA	A-80A MA	AKE COLLINS			
	Discrepanc	y: Auto	pilot wil	ll not enga	ge.					
	replaced d replaced h replaced a	lefectiv ligh fai lffected	e Elevato lure comp componer	or channel conents. C	drivers and leaned mined and parts	ed. Trouble nd pre-drive nor corrosic inted. Unit	ers. Also			
				D IFE						
	TECHNICIAN	I: CHARL	ES A. HAI	NNER						
					-,	of the worl				
						tal cycles/time since vice in Accordance				
except a	New s that the new or ne s otherwise specific nce with FAA appr	wly overhaule ed in block 13	was (were) man	ed above, Cufactured in cainess. re	ertifies that the wo	ork specified in block dance with FAA airwo	13 (or attached) above was orthiness regulations and in are approved for return			
NOTE: importin	In case of parts to go country have been	be exported, then met.	ne special require	ements of the	SCI VICC.					
15. Sign	ature		16. FAA Author		. Authorized Signa	Knig	21. Certificate Number JGVR194F			
17. Nam	e (Typed or Printed	d)	18. Date		Name (Typed or Steve J.		23. Date 8/29/96			
			Airworthi	ness Approval Tag	User/Installer Re	sponsibilities				
	Where the uper/i	netaller work in ac	cordance with the na	itional regulations of an Ai	rworthiness Authority orthiness Authority acc	ute authority to install the podifferent than the Airworthi epts parts/components/assen	art/component/assembly. ness Authority of the country ablies from the Airworthiness			
	Statements on ble	ock 14 and 19 do in	not constitute installa accordance with the	tion certification. In all canational regulations by the	ases aircraft maintenand user/installer before th	ce records must contain an i	nstallation certification issued			
FAA For	The m 8130-3 (11/93)	FAA Form 8130-	3 and JAA Form On	e are equivalent. Other co	puntries such as Canada	also have equivalent accep	aore gocuments.			

	ȚED STATES	2. U.S. I	AIRWO	FAA FORM 8: DRTHINESS APPI ransportation Feder		stration	System Tracking Ref No. W7K1B002				
4. Orgai		Aviation/Li	ncoln Airport/	Lincoln, NE 6852	4	5. Work C	Order, Contract or Invoice W7K1B				
tem		7. De	escription		8. Part Number						
002	FLIGHT	GUIDAN	CE COMPUT	ER	622-5224-005						
1	9. Eligibility*		10. Quantity	11. Serial/Bat	ch Number	12. St	atus/Work				
VARI	OUS		001	5128		Repaired					
13. Rem	narks		1								
	first push	24-005 y: Alti	S/N tude pres	select does	M/N FGC-80F not switch	over to '					
!	Troublesho	t and r unit to	eplaced o	defective p on. Unit f	it and dupli arts. Clear unctional te	ned and re	screpancy. esealed PCB.				
1	TECHNICIAN This				gned copy of	the worl	k order.				
Life Li					ling total time/total c						
14.	New		Newly Overhau		. Return to Service						
except a	that the new or ne s otherwise specifie ace with FAA appro	d in block 13	was (were) man	ufactured in canness. re	rried out in accordance	e with FAA airwo	13 (or attached) above was orthiness regulations and in) are approved for return				
	In case of parts to be g country have bee		he special require	ements of the	service.						
15. Signa	nture		16. FAA Author	ization No. 20	. Authorized Signature	DUNCAN OL 43	21. Certificate Number JGVR194F				
17. Nam	e (Typed or Printed	l)	18. Date		Name (Typed or Prin Steve J. Kri	ngs	23. Date 3/26/96				
	It is importan	nt to understand t	hat the existence of th	is document alone does n	User/Installer Respond of automatically constitute au	thority to install the na	art/component/assembly.				
<u></u>	Where the user/ir specified in block	istaller work in a 1, it is essential	ccordance with the na that the user/installer	tional regulations of an A ensures that his/her Airwo Authority of the country	rworthiness Authority different orthiness Authority accepts properties of the proper	ent than the Airworthi arts/components/assen	ness Authority of the country ablies from the Airworthiness installation certification issued				
	The	in FAA Form 8130	accordance with the a -3 and JAA Form One	national regulations by the e are equivalent. Other co	user/installer before the aircountries such as Canada also	rait may be flown. have equivalent accep	table documents.				

FAA Form 8130-3 (11/93)

1. FAA FORM 8130-3 UNITED STATES 2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration W7K1B003											
4. Orga		Aviation/Li	ncoln Airport	/Lincoln, NE 6852	24	5. Work Ord	ler, Contract or Invoice W7K1B				
tem		7. De	escription			8. Part 1	Number				
003	AIR DA	TA COMP	UTER		622-54	65-214					
	9. Eligibility*		10. Quantity	11. Serial/Bat	ch Number	12. State	us/Work				
VARI	ous		001	1080		Function t	test				
13. Ren	narks										
	INTER DEPT ZERO BALANCE P/N 622-5465-214 S/N 1080 M/N ADC-80K MAKE COLLINS Discrepancy: Altitude preselect does not transition into Altitude hold properly										
hold properly.											
	Corrective Action: Bench checked and could not duplicate. Found serviceable. Unit functional tested per manufacturer's maintenance manual. Altitude preselect section only.										
	TECHNICIAN					5 . 1					
						of the work					
Life Li 14.	mited parts must New		Newly Overha			otal cycles/time since r vice in Accordance w					
Certifies	s that the new or ne is otherwise specific nce with FAA appro	wly overhaule ed in block 13	ed part(s) identifi was (were) mar	led above, Coufactured in iness.	ertifies that the wo arried out in accor espect to the work	ork specified in block 13	(or attached) above was				
NOTE: importin	In case of parts to large country have been	oe exported, then met.	he special requir	ements of the	service.						
15. Sign	ature		16. FAA Autho	rization No. 20	. Authorized Signa	ature Juncan	21. Certificate Number JGVR194F				
17. Nam	e (Typed or Printed	1)	18. Date	22	. Name (Typed or Steve J.		23. Date 3/26/96				
		1	Airworth	iness Approval Tag	User/Installer Re	esponsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.											
	Statements on block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.										

	TED STATES	2. U.S. D	AIRWO	FAA FORM 8 ORTHINESS APP Transportation Federal	ROVAL TAG	ministration	3. System Tracking Ref No. W8FPD113					
4. Orga						5. Wo	rk Order, Contract or Invoice					
	Duncan	Aviation/Li	ncoln Airport	Lincoln, NE 6852	24		W8FPD					
tem		7. De	escription			8.	Part Number					
113	AUTOPI	LOT AMP	LIFIER		622-31	08-016						
	9. Eligibility*		10. Quantity	11. Serial/Bat	ch Number	12	. Status/Work					
VARI	OUS		001	2120		Function	on test					
13. Rem	arks		· · · · · · · · · · · · · · · · · · ·		L	******						
	Duncan Avi P/N 622-31 Discrepanc	.08-016	•	2120 M	I/N APA-80	A MZ	AKE COLLINS					
Corrective Action: Bench checked unit and found it to be serviceable. Strapped unit to -016 status per S.I.L 2-80. Unit functional tested per Collins APA-80() overhaul manual.												
			<u></u>									
,	TECHNICIAN	: JEFFR	EY M. DEI	LISLE								
	This	docume	nt consti	itutes a si	gned copy	of the wo	ork order.					
Life Li	mited parts must	be accompan	ied by mainten	ance history includ								
14.	New		Newly Overhau	-100			nce with FAR 43.9					
except a	that the new or ne s otherwise specific nce with FAA appr	ed in block 13	was (were) man	ufactured in canness. re	arried out in accord espect to the work	dance with FAA a	ock 13 (or attached) above was irworthiness regulations and in rt(s) are approved for return					
NOTE:	NOTE: In case of parts to be exported, the special requirements of the importing country have been met.											
15. Signature 16. FAA Authorization No.				rization No. 20	. Authorized Signa	iture Q.T	21. Certificate Number JGVR194F					
17. Nam	e (Typed or Printed	i)	18. Date		. Name (Typed or Edward J	23. Date 8/27/96						
	,		Airworthi	ness Approval Tag	User/Installer Re	sponsibilities	the part/component/assembly					
	Where the user/in specified in block	nstaller work in ac c 1, it is essential	ccordance with the na that the user/installer	ensures that his/her Airw Authority of the countr	orthiness Authority accordingly of the state	epts parts/components/	the part/component/assembly. orthiness Authority of the country assemblies from the Airworthiness					
		in	accordance with the	tion certification. In all c national regulations by the	ases aircraft maintenand user/installer before th	ie aliciali iliay de flow						
FAA For	The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents. FAA Form 8130-3 (11/93)											

aero technology

 3333 EAST SPRING STREET LONG BEACH, CA 90806 U.S.A.

PHONE: (562) 595-6055 FAX: (562) 595-8416

ARINC/SITA: LGBGHXD

F.A.A. CERTIFIED REPAIR STATION NUMBER: DQ3R458L

CUSTOMER:

R9600

ROIG WEST

Price Advise: Y Manufacturer: B & D INSTRUMENTS

A/C type...:

Item number.: 89094-003111

Ouantity...: 1

Serial Numb.: A01001 Description .: C.V.R.

work order report

R09419 WORK ORDER: DATE RECEIVED: 04/07/98 DATE COMPLETED: 04/08/98

PAGE: 1

P.O.: P.O.#02036

Contact...:

Telephone...: 818 908 9600 Fax number..: 818 908 0453

CUSTOMER REPORTED DISCREPANCIES

INSPECT/REPAIR AS NECESSARY A.O.G....A.O.G....A.O.G...

CUSTOMER INSTRUCTIONS

INSPECT/REPAIR AS NECESSARY A.O.G....A.O.G....A.O.G....

INITIAL INSPECTION

Technician: 0006 BOLTRON Repairable..... Y Pass Initial Test.: N Warranty Approved.: N Major Damage...: N

Excessive wear: Y Internal Failure: Y App/Denied by....: 0002

INITIAL INSPECTION ANALYSIS

PRELIMINARY INSPECTION SHOWS SELF TEST FAILED. ONLY TWO

CHANNELS WORK.

______ WORK PERFORMED

DISASSEMBLED AND INSPECTED UNIT. CRUMPLED TAPE AND WORN OUT PRESSURE ROLLER. HEADS DIRTY. REPLACED TAPE AND PRESSURE ROLLER. CLEANED HEADS AND FINAL TESTED UNIT. UNIT

PERFORMS TO MFR'S SPECIFICATIONS, CONFORMS TO C.M.M. 23-70-02 AND IS CERTIFIED FOR SERVICE.

ULB BATTERY EXPIRES FEB. 2003.

FINAL INSP. BY: 0002 STEMWEDEL

INSP. DATE: 04/07/98

_______ ______

MATERIALS REQUIRED

LI# ITEM NUMBER..... DESCRIPTION..... UOM TOT.REQ

89090-003-576 TAPE PACK EΑ 1.000 1 EΑ 1.000 PRESSURE ROLLER 89090-003-573 2

aero technology

3333 EAST SPRING STREET LONG BEACH, CA 90806 U.S.A.

PHONE: (562) 595-6055 FAX: (562) 595-8416

ARINC/SITA: LGBGHXD

F.A.A. CERTIFIED REPAIR STATION NUMBER: DQ3R458L

CUSTOMER:

R9600

ROIG WEST

work order report

WORK ORDER: DATE RECEIVED: DATE COMPLETED:

R09419 04/07/98 04/08/98

PAGE:

2

P.O.: P.O.#02036

MAINTENANCE RELEASE STATEMENT

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED/OVERHAULED AND INSPECTED IN ACCORDANCE WITH ALL CURRENT REGULATIONS OF THE FEDERAL AVIATION AND MANUFACTURERS SPECIFICATIONS. PERTINANT DETAILS OF THE REPAIR/OVERHAUL ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER LISTED BELOW.

|-----

AUTHORIZED SIGNATURE:

10000 DATE: 4-7-98

***END OF WORK ORDER: R09419 ***

UNITED STATES FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration								3. System Tracking Ref. No. R09419	
4. Organization			3333 E. Spring Phone:(562)595	Street,	Long Beach	h, CA 90806		5. Work Order, Contract, or Invoice No. R09419	
6. Item	7. Description	8. Pa	art Number	9. Eligibili	ty*	10. Quantity	11. Serial/Batch Number	12. Status/Work	
1	TBV BV			A01001	SERVICEABLE				
		□ Modified		pec: Inspected No. given in		Repaired	TSO: □ Functionally Tested	□ Other (See Below)	
			tory including total time/ total cycles/ tim			STEWARTS IN			
14. New Certifies specified data and	Newly Overh that the new or newly in block 13, was (wer airworthiness regulation In case of parts to be e	nauled overhauled part(s) in the part (s) in	he work specified in blo	Service in Accordance with FAR 4 ock 13 (or attached) above was carriect to the work performed the part(s) is	13.9 ed out in accordance with FAA s (are) approved for return to service.				
15. Signature			16. FAA Authorization Number	20. Authorized Signature DQ3R458L					
17. Name (Typed or Printed) 18. Date					Typed or Prin	stemu	vedel	23. Date 4 - 7-98	

FAA Forms 8130-3

Airworthiness Approval Tag

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.



PACIFICAGIOTOCA No. 280194

w.o. # <u>A898-226</u> Date: <u>17Aug, 1998</u> Total Pages: 4

FBO

Pacific Aerotech 4380 Agar Drive Richmond B.C.

Inspection Facility

Cantech Inspections Ltd. 13451A Vulcan Way Richmond B.C.

All information contained in pages 1 through 4 provide an inspection report for the aircraft described below.

Aircraft Model IAI 1124A S/ N 368 Reg. N368MD

This was a 4800 hour/600 hour Inspection as described in the IAI maintenance manual and was accomplished in compliance with the IAI Westwind NDT manual

All inspectors who participated in Cantech Inspections portion of this inspection were fully qualified to CGSB, MIL-STD-410E, and Transport Canada requirements.

The type of NDI methods employed in this inspection were Radiographic (RT), Eddy Current (ET), Optical Prism (OP), Liquid Penetrant (PT)

The items or areas of this aircraft receiving radiographic inspection were as follows:

I	K	1)	Wing	Forward	Spar
---	---	---	---	------	---------	------

(2) Wing Aft Spar

(3) Horizontal Stabilizer

(4) Vertical Stabilizer

(5) Rudder

(6) Wing Stringers

(7) MLG Back to Back Fittings

Fwd and Aft Flange

Fwd and Aft Flange

Ribs

Fwd and Aft Spar

Ribs

33,38,49,57% Chord

w.o. # <u>A898-226</u>

The items or areas of this aircraft receiving eddy current inspection were as follows:

- (1) Cabin Window Apertures
- (2) Fuselage Frames at EE openings
- (3) Wing Carry Thru at Taper Pins

The parts items or areas of this aircraft requiring and receiving Penetrant inspection were as follows:

- (1)NLG Axles
- (2) MLG Axles

The items or areas of this Aircraft requiring and receiving optical prism inspection were as follows:

Flight Compartment Side Windows

L/H and R/H

OPTICAL PRISM INSPECTION DATA

Instrument - Larascope inspection kit Couplant - Optical Couplant RI 1.5150

RESULTS OF INSPECTION

- Notes: 1. in as much as accept/reject criteria are not specified, all discrepancies /abnormalities are described below. Disposition of each discrepancy is the responsibility of the person(s) amenable for the air worthiness of this aircraft.
 - 2. all discrepancies described within the following pages are clearly identified on the aircraft.

Radiographic Discrepancies

Horiz. Stab. - R.H. -No discrepancies noted

Horiz. Stab. - L.H. -No discrepancies noted

Wing Fwd Spar - R.H. -No discrepancies noted

Wing Fwd Spar - L.H. -No discrepancies noted

Wing Aft Spar - R.H. -No discrepancies noted

Wing Aft Spar - L.H. -One indication noted outboard of

sta.222. Verification required

Wing Stringers - L.H. -No discrepancies noted

Wing Stringers - R.H. -No discrepancies noted

Back to Back Fittings - R.H. -No discrepancies noted

Back to Back Fittings - L.H. -No discrepancies noted

Vertical Stabilizer -No discrepancies noted

Rudder -No discrepancies noted

Eddy Current Discrepancies

Cabin Windows L.H. -No discrepancies noted

Cabin Windows R.H. -No discrepancies noted

Fuselage Frames L.H. -No discrepancies noted

Fuselage Frames R.H. -No discrepancies noted

Wing Connection Fitting L.H. -No discrepancies noted

Wing Connection Fitting R.H. -No discrepancies noted

Penetrant Discrepancies

NLG Axles -No discrepancies noted

MLG Axle L.H. -No discrepancies noted

MLG Axle R.H. -No discrepancies noted

Optical Prism Discrepancies

Flight Compartment Side Window L.H. -No discrepancies noted

Flight Compartment Side Window R.H. - 12 acrylic cracks noted

0.100" to 0.300" long

Note: All defects clearly identified on window retainer

Authorized Inspectors

M. Nittritz CGSB Lev3 R/T E/C M/T P/T

AMO 218-91



5301 Airport Rd. South Richmond B.C. V7B 1B5 Phone: 604-244-9699

Fax: 604-244-0837

Report of Non Destructive Examination

980175

Eddy Current Wheel Inspection Maintenance Release Tag

															•		*****
Client: Pacific Aer	otech			_						Da	te:	26	Jun	e, 1	998		_
P.O. # <u>A2124</u>										W.	O. #	t :	<u>A6</u>	98-1	163		-
Standards / Specifi	ications:	AB	sc	GS-	-SL-	36 F	₹2			·	_				_		
Inspection Area Co	<u>ode</u>																
A: Bead Seat B-F: Per app	licable Specification	on			AA X:								able			icati	on
		Ins	pec	tio	n re	su	lts										
Part	Serial		<u> </u>	 	В	+	Ç	+	D	┼	E		F	 	X_	_/	\ A
Number	Number	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej	Acc	Rej
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Notes:																	

The Maintenance described bereon has been performed in accordance with the applicable standards of airworthiness

ev3 F/C/

Technician M. Nitt

AMO 218-91

AMO 218-91



Report of Non Destructive Examination

Magnetic Particle / Liquid Penetrant Inspection
Maintenance Release Tag

Client:	Pacific	C Aerotech	,					Date: 26 June, 1998	
P/O #:	A2124	1	_					W.O. # A698-163	
A/C Type:	Westv	vind						Reg	
Standards		ecification Std 6866			Ot]LPI			
✓ MPI	- Mil S	itd 1949		МЫ					
Technique	LPI:	Type 1	Method	A 🔲В	□с]	2 3 4	
				MPI:	Wet I	Fluoresce	ent	\checkmark	
Part Descrip		Part Number	Serial Number	Method	Qty	Acc.	Reject	Remarks	
Bolts		GY187-36		WFMPI	8	√	,	T Communication of the Communi	
									
	 								
Notes									
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Report of Non Destructive Examination

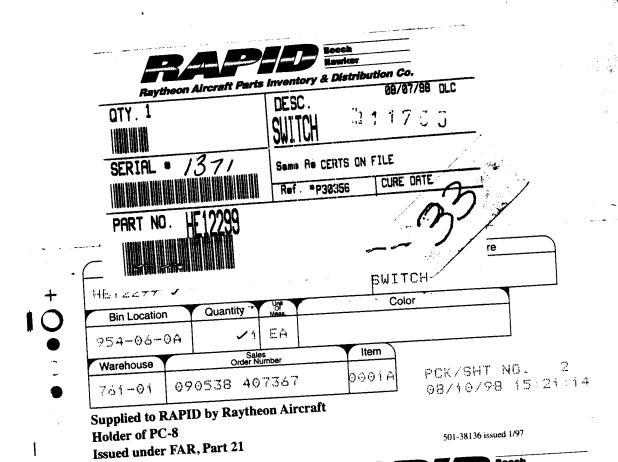
Magnetic Particle / Liquid Penetrant Inspection Maintenance Release Tag

											
Client:	Pacific	Aerotech						Date: 7 Aug, 1998			
P/O #:	A2272	2						W.O. # A898-219			
A/C Type:	IAI 11	24A	_					Reg. N368MD			
Standards	s / Spe	ecification					•				
✓ LPI	- Mil S	Std 6866			Ot	her [LPI				
MPI	- Mil S	td 1949		MPI MPI							
Technique	LPI:	Type 1	Method	A 🔲В	С	D	Level	2 3 4			
				MPI:	Wet I	Fluoresce	ent				
Part Descrip		Part Number	Serial Number	Method	Qty	Acc.	Reject	Remarks			
Mount		3071071-2		FLPI	2	1					
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The Maintenance described hereon has been performage accordance with the applicable standards of airworthine

Technician: M. Nittritz Lev3 P/

AMO 218-91



S/N 1371

Beech Nawki

Raytheon Aircraft Parts Inventory & Distribution Co.

RAPID HEREBY CERTIFIES THAT THE ORIGINAL CERTIFICATE/STATEMENT OF CONFORMITY, FOR EACH PART SUPPLIED ON THIS PACKING SLIP, IS ON FILE

NORTHROP GRUMMAN

COMMERCIAL AIRCRAFT DIVISION 1801 SE Airport Road Stuart, Florida 34996

Date:

8/18/98

GALAXY AEROSPACE CORP. 2221 ALLIANCE BLVD., SUITE 620 FORT WORTH, TX 76177

Subject: F10A-5-P20250-3 Hose Assy

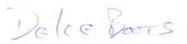
Qty: 1

This is to certify that the raw materials and/or manufactured parts furnished by Northrop Grumman Commercial Aircraft Division - Stuart, Florida, on your subject perphase order are a some area with the applicable Purchase Order, Drawing, and/or Specification, and have been produced, manufactured, and/or processed in accordance with a FAA-PMA system of Quality Control as required by your order. Aircraft make and model eligibility data as listed on Master Drawing Index

NG/CAD

NG/CAD

Shipper Number: 0207189-98



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	PACIFIC AERO TECH INC			2-1	SHIP	DATE / EXPEDIER LE	TIME / HEURE	PAGE	TRANSACTION N° DE TRANSA	NUMBER
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DRICH - ALROSPACE PAGE 4/29/98 5. BOX 1 DATE STOWN ROAD ORDER HO CO 68509 . WV 24983 PLANNER 52440 CODE (OAJJO) PACKING LIST PACK HO 12446 UPS 10497001 TO ADDRESS ORIGINAL CUSTOMER REQUEST DATE 4/20/98 I AEROSPACE CORP. 49700 ALLIANCE BLVD. COMPANY 1 PROMISED DATE 4/29/98 SCHD MEG DATE 4/29/98 620 WORTH, TX. 76177, DE 19720 ACCEPTS BACKORDER ORDER NO. CUSTOMER P.O. DATE TYPE ACCEPTS PARTIAL SHIP 68509 GX 2611 4/08/98 PPING COMMENTS -PPING INSTRUCTIONS - FOB-UNION, WEST VIRGINIA RIER - UPS ES TRANSPORT TERMS - PPD CUSTOMER RUER COMMENTS - BFGOODRICH HOLDS FAA/PMA APPROVAL CERTIFICATE OF CONFORMANCE: WE CERTIFY THAT ALL PARTS HEREON ARE IN COMPLIANCE WITH SPEC DWG & OBJECTIVE DATA IS ON FILE & AVAILABLE UPON REQ. QUALITY ASSURANCE REP. QUANTITY ITEM LINE . QUANTITY U/H WH/LOCK NUMBER NUMBER ORDERED SHIPPED 3D2405-2_ 20.000 STALL STRIP

(2) 5 THIL STRIPS

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Ind of Pick List # 12446 ****

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4. Organi					5. Work Order, Contract Numb	per, or Invoice Number					
	Furst Aircraft and Instrument 90 Moonachie Ave, Teterbore	-	pair Station # FQNR193L 22207								
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/work					
1	ALTIMETER	B44202-10-014	Various Aircraft	One	501	REPAIR					
13. Rema	3. Remarks See Attached Condition Report										
	Limited life pa	rts must be accompanied by maintenance	history including total time	total cycles / til	me since new.						
	New Newly Overhauled		19. Return to Service	in Accordanc	e with FAR 43.9						
specifi	es that the new or newly overhauled part(s) is ed in block 13 was(were) manufactured in ac data and airworthiness			airworthiness	plock 13 (or attached) above regulations and in respect to in to service.						
	Note: In case parts to be exported, the special requirements of the importing country have been met.										
15. Signa	uture	16. FAA Authorized No.	20. Authorized Signature	21. Certificate No. FQNR193L							
17. Nam	e (typed or Printed)	18. Date	22. Name (typed or Printed)	SAU	LALTER	23. Date 8/19/98					
		*(Optional) Installer must cross check	eligibility with applicable tecl	nnical data.							

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivelent. Other countries such as Canada also have equivelent accepable documents





CONDITION REPORT

FURST AIRCRAFT AND INSTRUMENT

TETERBORO AIRPORT

90 MOONACHIE AVENUE TETERBORO, NEW JERSEY 07608 PHONE: (201) 440-0075 FAX: (201) 440-4999 E-Mail: FURSTAC@erols.com

REPAIR STATION #: FQNR193L

Nº 1 17 0 6

CUSTOMER: PACIFIC AERO TECH/IF CUSTOMER PO #: A2318	R	WORK ORDER #: 22207 DATE: 8/19/98	
DESCRIPTION: ALTIMETER	P/N: B44202-10-014	S/N: 501	
MANUFACTURER: KOLLSMAN	<u>TSO</u> -	TSR TSN	
COMPLAINT: NEEDLE STICKY	VERIFIED	NOT VERIFIED	
TEARDOWN: VERIFIED COMPLAINT FOUND COUNT	TER STICKS AND UNIT HAS EXC	ESSIVE FRICTION.	
CORRECTIVE ACTION: DISASSEMBLED AND CLEANED COUN CLEANED GEARTRAIN. REASSEMBLE S1263			
PARTS REPLACED: LISTOD		THIS UNIT COMPLIES WITH APPENDIX E PART 43, SECTION 91, FAA Regulations	
STATUS REPAIR			

TECHNICIAN:

CJ

I certify that the repair/overhaul listed herein has been made in accordance with applicable Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair/overhaul are on file under the work order and date appearing above.

INSPECTOR:

De

INSPECTOR'S SIGNATURE

1.County מדינת ישראל STATE OF ISRAEL	2. Conformity Airworthiness	AUTHORIZED RELEASI APPROVAL	E CERTIFICAT TAG	Е	× y *	3. Certificate Ref Nc 25-AT00276
4. Organization	L AIRCRAFT INDU URION INTERNATI ISRAEL	USTRIES LTD (IAI) IONAL AIRPORT 70100	110-	- A Z	7160	5. Work Order/Contract/Invoice 2581 /141/04822
6. Item 7. De	escription	8. Part No.	9. Eligibility *	10. Qty.	11. Serial/Batch	No. 12. Status/Work
• • • • • • • • • • • • • • • • • • • •	ACCES CONTAC TER N CH	100 2020\$ 15M384 \$33 2017 52 387 883743 141 12PA5R 371 0922 040	MODEL1124 MODEL1124 MODEL1124 MODEL1124 MODEL1124 MODEL1124	1450 26 10 19 4 6		MANUFACTURED MANUFACTURED MANUFACTURED MANUFACTURED MANUFACTURED SEP 0 3 1993
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manufactured/inspected	in accordance with the airw ts to be exported with the a	otherwise specified in block 13 was (vorthiness regulations of the stated c approved design data and with the no	ountry block stified the sta counti	es that the was carriented country by and in res	ed out in accordant and the notified sp	re except as otherwise specified in ce with the airworthiness regulations of secial requirements of the importing the part(s) is(are) in condition for safe lease to service. (over)
16. Signature D. Linderbaum 18. Date T. Name (typed or printed) D. LINDENBAUM 18. Date 7. 5, 9 1						viation Administration of Israel (CAAI).

AUTHORIZED RELEASE CERTIFICATE APPROVAL TAG: USER/INSTALLER RESPONSIBILITIES

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Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

ł	y מדינת יש OF ISRAEL	2. Conformity Airworthiness	AUTHORIZED RELEAS APPROVAL		FICATE	Ξ.			rtiificate Ref No. 5 - Α Γ 0 0 4 0 8
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6. Item	7.	Description	8. Part No.	9. Elig	bility *	10. Qty.	11. Serial/Batc	h No.	12. Status/Work
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mai and	tifies that the part(s nufactured/inspecte I/or in the case of p	ed in accordance with the air	otherwise specified in block 13 was a worthiness regulations of the stated of approved design data and with the no	(were) country	block 1 the sta country	es that the v 3 was carri ted country y and in res	ed out in accorda	nce with pecial re the part	pt as otherwise specified in the airworthiness regulations of equirements of the importing (s) is(are) in condition for safe o service. (over)
16. Signature D. Linder Daum					19. Issued by or on behalf of the Civil Aviation Administration of Israel (CAAI). CAAI AE-16				
17. Nan	ne (typed or printe	d) D. LINDENRAL	18. Date	91 -					

	מדינת F ISRAEL	2. Min	AIRWOR APPROV Ilstry Of Transoport - Civil A	AL TAG	tion (CAA	NI)		tiificate Ref No.
. Organiz	ISRAE	L AIRCRAFT INC GURION INTERNAT ISRAEL	USTRIES LTD (JAI)				1	rk Order/Contract/Invoice
Item	7. C	escription	8. Part No.	9. Eligibility *	10. Qty.	11. Serial/Bata	ch No.	12. Status/Work
13	R/H SIDE V	VINDOWSUB ASS	The condition of the co	STATE OF THE STATE	buiden S Lincolul Lover e F Scotte - I Gotodi e	of fine i		JAN 1 1 1995
3. Remo	irks NON	inner en	Property of the second	er in edunizació alla fastarra en de La ello izalla seguina	or lation!	1 10 1 W. 10.		
	V -							
manuf and/o	es that the part(s) lo actured/inspected r in the case of part	In accordance with the airw	therwise specified in block 13 was (we northiness regulations of the stated coproved design data and with the no	untry block tifled the s coun oper	fies that the s c 13 was carr tated countr itry and in res ation and co	led out in accorda y and the notifieds spect to that work, ensiderd readyfor re	nce with to pectal received the part(selease to se	
16. Signo		M. FURAL Nisim F	110 1		d by or on b	caal A		Administration of Israel (CAAI)
I/. Nam	e (typed or prin	Nisim F	RANKO	28.1990g				

* (Optional) Installer must cross check alloibility with applicable technical at a

State of israel Ministry of Transport Civil Aviation Administration 1. Organization	AIRW(ORTHINESS A CAAI FORM	SS APPROVAL TAG ORM 8130-3			3. System Tracking Ref. No.		
ISRAEL A BEN GURI	TRORAFT ENDUSTRIE ON INTERNATIONAL (S LTD (IAI) AIRPORT 70100		,		rder/Contract / Invoice No.		
. Item 7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial / B		12. Status / Work		
TERMINAL ASSY TERMINAL ASSY	343026-93 343026-93	MODEL 1124 MODEL 1124	. 6	NOME NONE		141 W		
NONE	oument alone does not	hiper discharge sjall e discharges e discharge mankerenz		777-31	- 11 - 17 - 19 ·	141 W		
14.	in it is a second of the secon	19. Ret	en in the contract of	dance with CAAI,		141 W		
A. New Newly overhauled Certifies that the part(s) identified above exc was (were) manufactured / inspected in according to the stated country and/or in the case of part	ept as otherwise specified in block 1 ordance with the airwortiness regulaters to be exported with the approved	19. Ret "Ge 3, Cer in a	urn to servlice in accor	dance with CAAI, light Rules " Regu cified in block 13 airworthiness regu	above was carr	ied out		
14.	ept as otherwise specified in block 1 ordance with the airwortiness regulate arts to be exported with the approved uirements of the importing country.	19. Ret "Ge and the "Ge in a the	urn to servlice in accordance with CAAI awork performed, the provided Signature	dance with CAAI, light Rules " Regu ecified in block 13 airworthiness regu art(s) is (are) appl	above was carr lations and in roved for return	ied out		

State of israel Ministry of Transport Civil Aviation Administration (CAAI)

AIRWORTHINESS APPROVAL TAG **CAALFORM 8130-3**

4. Organization

INCRAFT MUDUSIRIES LID (LAI) BEN GURLUN INTERNATIONAL AIRPORT

5 Work-order/Contract / Involve 19

3 System Ironking Flot No.

6. Item	7. Description	PONSIBILITY 9.8	TALL FEMILES	- County	11 Serial / Barch No	12 Status / Work
X.	TERMINAL ASSY.	343026-93	Model 1124 Model 1124 At the existance of th	derstand that	s inportant to un	* 351 5.14

13. Remarks

* Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new

Where the user / installer works in accordance with the national regulations of an Airworthiness Authority different than the CAAI, it is essential that the user / installer ensures that his / her Airworthiness Authority acceps parts / components / assemblies from the CAAI.

	Statements 14 and 19 do not constitute in aircraft maintenance record must contain accordance with the national regulation by	an installation certification issued	in
3 arried out respect to.	. nwolf ed yem . nwolf ed yem . nwolf ed yem . nwolf ed yem . Return to servlice in accordance with (AAI) "General Operating and Flight Rules " Regulation No. 13 . Certifies that the work specified in block 13 above was can in accordance with CAAI alroorthiness regulations and in the work performed, the part(s) is (are) approved for returned.	therwise specified in block 13, with the airwortiness regulations exported with the approved	New Newly overhauled Certifies that the part(s) identified above except as or was (were) manufactured / inspected in accordance of the stated country and/or in the case of parts to be design data and with the notified special requirement
21. Certificate No.	20. Authorized Signature	16. CAAI Authorization No. CAAI AB-4F	15. Signature W
23. Date	22. Name (typed or printed)	18. Date 29 29 29 29 29 29 29 29 29 29 29 29 29	17. Name (typed or printed) Y LEVIT
			CAAI Forth 8130-3 (4/95)

1 14	No 1	170 Geor	ge Craig Blvd. RY, ALTA. T2E 7	N.E. H2	
8	113			D.O.T. APPRO	VAL # 30-87
, 4	Nomencl	ature STARTER	GENERA	ATOR.	
2	Manufact	urer L.S.1.	Type/Mod	el	
	Part No.	23065-018-	Serial No.	2250	<u> </u>
300	New 🔲	Overhauled 🔀	Repaired 🔲 📑	ested 🔲 🔝	nspected 🔲
里:	Previous	Certification			
5	applicat	cribed maintenance habite airworthiness require		d in accordance	nce with the
Custome	O. W. O. Da	te Au Details of outstanding w	uthorized Inspector vork and other infor	mation on reve	Stamp erse.

Mason
 Electric Co.

Aerospace and Defense Group, Esterline Technologies 605 8th Street, P.O. Box 311 San Fernando, CA 91341-0311 Phone: 818/361-3366

Fax: 818/365-5505



E MINOUI

CERTIFICATE OF CONFORMANCE

Customer:

GALAXY AEROSPACE CORP.

Date: 01/14/98

Customer P/N:

No listing in MEC sales.

Customer order No.:

GX2199

Mason Electric P/N:

STD969-1

Sw, PB, Non-Sealed, SPST,

Revision: A Quantity: 10

Mason CRA No.:

See/Customer P/N above.

D/c 9742

1/2

is is to certify that all materials and processes used for the above order conform to contract specifications. Certifications and test reports are on file and available for review by authorized customer representatives.

Mason Sales Order No.: 11127

Packing Slip No.:

11127.1

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1 SRAEL AJRCRAFT INDUSTRIES LTD (1AI) BEN GURION INTERNATIONAL AIRPORT 7010) I SRAEL 6. Item 7. Description 8. Part No. 9. Eligibility* 10. Quantity BULT 253507-1 MUDEL 1124 19 *Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new 13. Remarks NONE. Description 15 Report 10 Total Control of the parts must be accompanied by maintenance history including total time/total cycles/time since new	_ TAG
BEN GURION INTERNATIONAL AIRPORT 70100 ISRAEL 3. Item 7. Description 8. Part No. 9. Eligibility* 10. Quantity BDL 1 253507-1 MODEL 1124 19 *Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new *Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new NONE.	5. Work-order/Contract / Invoice No.
253507-1 MUDEL 1124 19 Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new 3. Remarks NONE.	4105 080225777
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new 3. Remarks NONE.	11. Serial / Batch No. 12. Status / Work
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new 3. Remarks NONE.	NONE
3. Remarks NONE. Outcome and a superior of the second and the se	
reserved a configuration of the configuration is a second of the configuration of the configu	About the second
Certifies that the part(s) identified above except as otherwise specified in block 13, was (were) manufactured / inspected in accordance with the airwortiness regulations of the stated country and/or in the case of parts to be exported with the approved Certifies that the work spe in accordance with CAAI a	rdance with CAAI, Flight Rules " Regulation No. 133 ecified in block 13 above was carried out airworthiness regulations and in respect to. part(s) is (are) approved for return to service
15. Signature 16. CAAI Authorization No. CAAI AE-46 20. Authorized Signature	21. Certificate No.
17. Name (typed or printed) Y. LEVIT 18. Date 22. Name (typed or printed) O.1. MHR -98 CAAI Form 8130-3 (4/95) (See user's/installer responsibilities on back side)	23. Date

AIRWORTHINESS APPROVAL TAG CAALFORM 8 30-3

late of start Ministry of Transport Civil Aviation Administration (CAAI)

4. Oro inization

13 Remarks

19:1 M

15. Signeture

USER/INSTALLER RESPONSIBIL

It is inportant to understand that the existance of this Document alone does not automatically constitute authority to install the part / component / assembly.

Where the user / installer works in accordance with the national regulations of an Airworthiness Authority different than the CAAI, it is essential that the user / installer ensures that his / her Airworthiness Authority acceps parts / components / assemblies from the CAAI.

Statements 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft

may be flown. 19. Return to service in accordance with CARL "General Decading and Hight Rules" Regulation No. 13.

Centifos tratime work specified in blue in according was during in in accordance with CAAI airworthiness regulations and in region to the work Lenformed, the parties) is (erc.) air in ad for routing services

Cartifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured / inspecied in accordance with the airwortiness requiations of the stated country and/or in the cash of parts to be exported with the approvad design (): and with the notified special requirements of the important country.

6. CAAl Authorization No.

22. Name (typed or printed)

20. Authorized Signature

18. Date

17. Name (typed or printed)

Delug poeth willed

(Caeusers/mstaller outpositivities on hacks le)

12201

t enificate No.

111

17 1 1

with with a

1 Form 8130-3 (4.95)

addition.				1.4		
Powell ELECTRONICS, INC.	POWELL	PL NO.				
POTELL PLECTRONICS, INC. ZOTZZGATS WHEART MERUSPACE CORPORATION FOR MALAKY WAT FOR MALAKY WAT FOR MERIT TX 76177 HITCH MCCOUNTS PAYABLE FOR MESTALE FOR MESTALE FOR MESTALE BL7832575	2103 POWELL SAL 1009 SB PAGE 03 01 IN OUT DATI RS GG 0303 1 11:	7621 ES ORD. NO 1 783				
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	RMS FRT					
PVIA	WAYBILL/AIRBILL NUME	BER				
PPED WITH	ОИ		"QUALITY	STARTS S	une Mit	
M PC DESCRIPTION	i e	QUANTITY SHIPPED	QUANTITY BACK ORDERED P	ORIGINAL O. QUANTITY	海州的运动	Trust.
The state of the s	OBLO SW RE	Q: 00 13/				石田でからはいまれる春れをからを帰るを帰るのはないないまで

Certificate of Compliance

Powell Electronics certifies that the parts listed above meet all the requirements of the purchase order and any applicable drawings or specifications. Inspection and/or test data, when applicable, is on file and will be available for review upon requirements.

Barbara Pescatore

Powell Electronics, Inc. Powell Electronics Washington, Inc.

Ernest Schilling President UNITED STATES

U.S. Department of Transportation **Federal Aviation Administration** 3. System Tracking Ref. No.

20568

R009489

A	Orc	an	ization	

Aircraft Specialties Inc. Repair Sta. VT2R252L

3336 So 66th Ave. 1-800-233-0831

Omaha NE 68106

5. Work Order, Contract, or Invoice Number:

20568

			<u>i</u>			
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	BRAKE ASSEMBLY	5002805-3	TSO Article N/A	j.	R12153-6	Newly Overhauled

13. Remarks

Work Order 20568 covers the work performed. All ferrous metal treated IAW Process Spec ASI-No.1

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

The prescribed work was performed in accordance with ABS AP-447

The following new parts have been used in this overhaul:

940 12 5002857 26 GY1888

24 GY1888

RIVET

5002857

PAD

2 5004020

PAD

TEFLON

E515-80-2-216 D-RING-SKYDROL

RIVET

5 5004034

STATIONARY DISC 4 E515-80-2-014 O-RING-SKYDROL

5003340 6 32FL624 ROTATOR DISC

MS28774-216 32FE524

NUT

FN12-02

NUT

4 511846-4

WASHER

2 9525918

PL IDENT

5002895

TORQUE TUBE

5003259 PISTON

All work specified was performed in accordance with JAR 145 and considered ready for release to service under JAA Acceptance Certificate Number : JAA.4105

14.	
New 📙	Return to Service in Accordance with FAR 43.9
Newly Overhauled	
Certifies that the new or newly overhauled part(s) identified above, except	certifies that the work specified in block 13 (or attached) above was carried ut in accordance with FAA airworthiness regulations and in respect to the rork performed the part(s) is (are) approved for return to service.

NOTE: In case of parts to be exported, the special regirements of the importing country have been met.

16. FAA Authorization No.:

20. Authorized Signardie 22. Name (Typed or Printed)

21. Certificate Number:

VT2R252L

23. Date:

17. Name (Typed or Printed):

18. Date:

Dexter S. Johnson

03-31-1999

15. Signature

^{* (}Optional) Installer must cross check eligibility with applicable technical data.

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

5. Work Order, Contract, or Invoice Number:

UNITED STATES

U.S. Department of Transportation Federal Aviation Administration 20568

R009489

3. System Tracking Ref. N

4. Organization

Aircraft Specialties Inc. Repair Sta. VT2R252L

3336 So 66th Ave. 1-800-233-0831

Omaha NE 68106

20558

									the state of the s
6. Item	7.	Description	8. Part Number	9.	Eligibility *	10. Quantity	11. Serial/Batch Number	12. S	tatus/Work
2	BRAKE A	ASSEMBLY	5002805-3	TSO	Article N/A	1	1140	Newly (Overhauled
10.5							·		

13. Remarks

Work Order 20568 covers the work performed.All ferrous metal treated IAW Process Spec ASI-No.1

The prescribed work was performed in accordance with ABS AP-447

The following new parts have been used in this overhaul:

5002857 PAD 26 GY1888 RIVET 24 GY1888 5004034 RIVET

5002857 5003340 PAD ROTATOR DISC 5004020

Certifies that the work specified in block 13 (or attached) above was carried

out in accordance with FAA airworthiness regulations and in respect to the

work performed the part(s) is (are) approved for return to service.

PAD MS28774-216

TEFLON

E515-80-2-216 O-RING-SKYDROL FN12-02

NUT

4 E515-80-2-014 O-RING-SKYDROL 511846-4

WASHER

STATIONARY DISC

32FL624 2 9525918

NUT PL IDENT 32FE524 5003501

NUT GRIP IUBE

5003259

PISTON

All work specified was performed in accordance with JAR 145 and considered ready for release to service under JAA Acceptance Certificate Number : JAA.4105

19.

Limited life parts must be accomp	panied by maintenance his	tory including total time/total o	cycles/time since new.

14. New

Newly Overhauled

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special regirements of the importing country have been met.

15. Signature

16. FAA Authorization No.:

20. Authorized Signature

21. Certificate Number:

VT2R252L

23. Date:

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Frinted)

Dexter S. Johnson

03-31-1999

Return to Service in Accordance with FAR 43.9

FAA Form 8130-3 (11-93)

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

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The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents:

INSPECTION AND MAINTENACE REPORT AIRCRAFT SPECIALTIES INC.

CUSTOMER NO. RO09489 COMPONENT PN 5002805-3

BRAKE ASSEMBLY R12153-6

INSPECTION	AMERONI		
DESCRIPTION	INSPECTOR	DATE	PROTECTIVE COATING
Preliminary /	AST 3		Preservative ALODINE
Hidden Damage	(ASI)	12/29/98	Finish IMRON WHITE
Eddy Current 5	3	02/19/99	TIRE INFORMATION
Zyglo	ASI)	02/19/94	Manufacturer
Magnaflux /	(AS) 14/	02-18/99	Tire Size
Hardness Test	(ASI)	102/19/99	Tire Serial
Review AD/SB	(ASI)		Tire Serial
Operational -	(1) X3	03/3//99	Tire Serial
Final Inspection	(3)	03/3//49	Tire Serial
Maint Release	ASI	03/3//99	Source
			aul Repaired Inspection of the ABS Overhaul Manual AP
	× .		
ECHNICIAN: MARK-F	EY		DATE: 03-31-1999
SECTION :	(ASI)		DATE: 03-31-1999

THE COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT MANUFACTURER'S TECHNICAL DATA AND FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS INSPECTION OR REPAIR ARE ON FILE AT THIS AGENCY UNDER

WORK ORDER NO .: 20566

INSPECTOR : Dexter S. Johnson

DATE: 03-31-1999

FAA Class 1 Accessory, Repair Sta. VT2R252L, 3336 So. 66th Ave. Omaha Ne 68106

Deep Cycled of Functional checked, Complied with FAR 43.9 Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. Limited life parts must be expected and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 18. Part Number 19. Eligibility 10. Quantity 11. Serial/Batch Number 12. Status/Work 19. Return to Service in Accordance with FAR 43.9 Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 16. FAA Authorization No;: 20. Luthorized Signature 21. Certificate Number 12. Name (Typed or Printed): 18. Date: 22. Luthorized Signature 22. Certificate Number 12. Status/Work 2. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.	1. UNITED STATES 2.	U. S.	FORM 8 RTHINESS APPRO Department of Trans eral Aviation Admini	OVAL TAG		acking Ref. No.
6. Item 7. Description 8. Part Number 9. Eligibility 10. Quantity 11. Serial/Batch Number 12. Status/Work 1. Power Supply P5-823 B/T 1. I 310 Deep Cycled Try Cycled					5. Work Ord	er, Contract, or Invoice
13. Remarks Deep Cycled & Functional checked, complied with Serv. bulletin 5B 501-1075-21 \(\text{Mod.}\) #24 Replaced Cells on Pack B"#8, 14, 18 P/N B5032 PG Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. 14. New Newly Overhauled 19. Return to Service in Accordance with FAR 43.9 Certifies that the new or newly overhauled part(s) Identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAR 4 ainworthiness regulations and in respect to the work performed the part(s) is (app) exproved for return to service. 15. Signature 16. FAA Authorization No.: 20. Authorized Signature 21. Certificate Number LZ3R676L		8. Part Number	9. Eligibility*	10. Quantity		
Deep Cycled a Functional checked. Complied with Serv. bulletin SB 501-1075-211 Mod. # 24 Replaced Cells on Pack B"## 8,14,18 P/N BS033 PG Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. 14. New Newly Overhauled Certifies that the new or newly overhauled part(s) Identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 15. Signature 16. FAA Authorization No.: 20. Kuthofized Signature 21. Certificate Number LZ3R676L	1. Power Supply	PS-823 B/T	*********	1.		Deep
Newly Overhauled Certifies that the new or newly overhauled part(s) Identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 16. FAA Authorization No.: 19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) exproved for return to service. 15. Signature 16. FAA Authorization No.: 17. Name (Typed or Printed): 18. Date: 18. Date: 19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) exproved for return to service. 19. 19. Return to Service in Accordance with FAR 43.9	Keplaced (Cells on pa	ck B"#	8,14,18 P	n BSODD 7)G.
Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 16. FAA Authorization No.: 19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) exproved for return to service. 15. Signature 16. FAA Authorization No.: 17. Name (Typed or Printed): 18. Date: 18. Date: 19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) exproved for return to service. 19. 19. Return to Service in Accordance with FAR 43.9	Limited life parts must be accompar	nied by maintenance histor	ry including total time/	total cycles/time sinc	e new	·
with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 15. Signature 16. FAA Authorization No.: 17. Name (Typed or Printed): 18. Date: 19. Authorization dout in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. 19. Authorized Signature 20. Authorized Signature 21. Certificate Number LZ3R676L	New		(19.		FAR 43.9
15. Signature 16. FAA Authorization No.: 20. Luthorized Signature 21. Certificate Number LZ3R676L	with FAA approved design data and	d airworthiness.	n accordance	regulations and in	out in accordance with respect to the work nerf	EAA siguadhiasaa
17. Name (Typed of Pfinted): 118 Date:	15. Signature		Authorization No.:	20. Authorized Signa		
AA Form 8130-3 (11-93) 23. Date: 10/1/99		18. Date		2. Name (Types or	Printed):	23. Date:

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents

DYNAMO AVIATION, INC. FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

Work Shee	t A
-----------	-----

CUSTOMER ROIGNEST DATE 9-29-99 DEL. REQ'D ASAP.
INVOICE 21814 PURCHASE ORDER NO. PO-9900873.3
MFG. SET. CHARGE RATE DOMA. DISCHARGE DAMPS.
TYPE 18-803-8/T PART NUMBER 501-1075-06 SERIAL NO. 1310
PHYSICAL CONDITION COMPLIED W/FAA AD 80-18-087
FUSES GOOD CONDITION OF REAR CONNECTOR GOOD
RESIDUAL VOLTAGE OF PACKS WHEN RECEIVED PACK A 26. O PACK B 25.3
CHARGED PACKA PACKB PACKB
NO. OF OPEN CELLS PACK B PACK B
NO. OF CELLS REPLACED 300, PIN BS022 PG
END OF CHARGE VOLTAGE 26.8
CAPACITY CHECK A 60 MIN. % CAPACITY CHECK B 51 MIN. %
REASSEMBLY COMPLETE YES
TRANSISTOR LEAKAGE CHECK
INVERTER CHECK: AC VOLTAGE PINS 7+3=130 DC VOLTAGE PINS 7+11= PINS 3+1= \\ \] PINS 7+4= \\ \] PINS 7+5= \\ \] DC VOLTAGE PINS 7+11=
COMMENTS: Compleed with Serv. bulletin SB
501-1075-211 Mod.#24, Replaced cells on pack
#8,14,18 P/NBSO22PG. Deep Cycled & Functional 1
REPAIRED BY SC FRQUETOD 5 REPAIR CERT. CHIEF INSPECTOR CHIEF INSPECTOR A& P S60539774
TAGGED: 8130 YELLOW GREEN RED RED
Form DA1300

			}			
1. UNITE	D STATES 2.	AIRWORT U. S. De	ORM 8 HINESS APPRO partment of Transp Aviation Adminis	OVAL TAG	3. System Trad	•
4. Organizatio	m					r, Contract, or Invoice
Dynamo Avia 16129 Leadw Van Nuys, C	ation, Inc. vell St.					814
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial Batch Number	12 Status Work
	EMERGENGILIGHT BATTERY PACK		· · · · · · · · · · · · · · · · · · ·			DEEP CYCLE
,						1
	DEEP GICLED	38451-004	NA	1	D.O.M. 0797	ľ
	:					
Limited life	e parts must be accompani	ed by maintenance history	including total time/	total cycles/time sii	nce new.	
14. New Nev	v vly Overhauled			19. Return to Serv	ice in Accordance with I	FAR 43.9
with FAA	vise specified in block 13 w approved design data and	ed, the special requirements	accordance	above was cami regulations and	e work specified in block to ed out in accordance with in respect to the work per d for return to service.	FAA airworthiness
15. Signa	ture		Authorization No.:	20. Amhorized Sig	gnature	21. Certificate Number LZ3R676L
	e (Typed or Printed):	18. Date:		22. Name Typed	of Printed):	23. Date: 10-1-99
FAA Form 81	30-3 (11.93)			1 (O=4)- 13 h	4-11	10-1-11

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents

3. System Tracking Ref. No. **FAA FORM 8130-3** UNITED STATES AIRWORTHINESS APPROVAL TAG U. S. Department of Transportation 21820 Federal Aviation Administration 5. Work Order, Contract, or Invoice 4. Organization Dynamo Aviation, Inc. 16129 Leadwell St Van Nuys, Ca. 91406 21820 11. Serial/Batch Number 12. Status/Work 6. Item 7. Description 8. Part Number 9. Eligibility 10. Quantity Battery SP400 881264 Deep cycle 13. Remarks Deep Cycled, Water Level Checked, Torqued and Probe Checked Replaced cell #7 Pln 405P100 Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. 14 New Return to Service in Accordance with FAR 43.9 Newly Overhauled Certifies that the work specified in block 13 (or attached) Certifies that the new or newly overhauled part(s) identified above, except above was carried out in accordance with FAA airworthiness as otherwise specified in block 13 was (were) manufactured in accordance regulations and in respect to the work performed the part(s) with FAA approved design data and airworthiness. is (are) approved for return to service. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 21. Certificate Number 20. Authorized Signature 16. FAA Authorization No.: 15. Signature LZ3R676L 22. Name (Typed of Printed): 23. Date: 18. Date: 17. Name (Typed or Printed): 10/1/99

Airworthiness Approval Tag

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness

Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents

Instructions

P.O. NO.: PO-9900873.1

Dynamo Aviation, Inc. FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

INVOICE NO .: 21020

WORKSHEET B

DATE: 9-29-99 DEL DATE: ASAP. SERVALNO.: 58 DAG DISCHARGE AT 40 INSPECTION REMARKS	REASON FOR WORK: DEEP CYCLE BATTERY/CELL TYPE: SP-400 AMPS	CONDITION OF BATTERY UPON RECEIPT: CHARGECAPACITY:5 \MINUTES3	EDOPEN CIRCUIT VOLTAGE: 25.6 4.0 AH
TESTING PERFORMED	The second secon		
INCOMING READING DATE 9-30-99 VOLTS PER CELL: 1	VOLTS PER CELL: 1. 156 2. 159 3. 164 4. 156 5. 177 6. 169 6. 169 8. 170 9. 168 10. 159 11. 169 11. 169 12. 159 13. 166 14. 167 15. 168 16. 163 17. 169 18. 173 19. 172 20. 166 20. 166	VOLTS PER CELL: 1. \ 65 2. \ 65 3. \ \ 59 4. \ \ 60 5. \ \ 12 6. \ \ 67 7) \ \ \ \ 40 8. \ \ 67 9. \ \ 63 10. \ \ 62 11. \ \ 69 12. \ \ 57 11. \ \ 67 13. \ \ 67 14. \ \ 67 15. \ \ 69 15. \ \ 69 16. \ \ 162 17. \ \ 166 18. \ \ 171 20. \ \ 170 20. \ \ \ 150 20. \ \ 65 10. \ \ 65 17. \ \ 162 18. \ \ 69 19. \ \ 171 20. \ \ \ 170 20. \ \ \ 65 2. \ \ \ 159 3. \ \ \ 160 1. \	DISCHARGE NATE: NOLTS PER CELL: 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 8. 19. 20. TOTAL VOLTS
CONDITION OF BATTERY UPON RELEASE: CAPACITY: END OF CHARGE, OPEN CROUIT: WORK PERFORMED: REP 19 CE 1	Cell #7 P/N 405F	RGE: YES TEMPE	POLTS FRATURE PROBE CHECK: YES
MATER CHECKED ADDED APPROX_O_CCH20 SERVICE BY: CHIEF INSPECTOR:	D.A. S PEPP CYCLED REPAIRMAN NO.: ASP NO.: S S S YELL S S S S S S S S S S S S S S S S S S	REGIVITGED TOP CHARGE ONRED RED	
			FORM DA1400

UNITED STATES

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
U. S. Department of Transportation
Federal Aviation Administration

3. System Tracking Ref. No.

21816

4. Organization

Dynamo Aviation, Inc. 16129 Leadwell St Van Nuys, Ca. 91406 5. Work Order, Contract, or Invoice

21816

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
	Battery	SP-400	***********	11.	9506152	Deep

13. Remarks

Deep Cycled, Water Level Checked, Torqued and Probe Checked

cirriled life parts must be accompanied by	maintenance history including total time	total cycles/time since new.	
New Newly Overhauled		19. Return to Service in Accordance	with FAR 43.9
Certifies that the new or newly overhauled as otherwise specified in block 13 was (w with FAA approved design data and airwo NOTE: In case of parts to be exported, the importing country have been met.	ere) manufactured in accordance orthiness.	Certifies that the work specified in above was carried out in accordance regulations and in respect to the work is (are) approved for return to service.	ce with FAA airworthiness ork performed the part(s)
15. Signature	16. FAA Authorization No.:	20. Authorized Signature	21. Certificate Number LZ3R676L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed):	23. Date:

FAA Forms 8 180 3 Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents

CUSTOMER:	igwest.
	900873.1

Dyna Aviation, Inc. FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

INVOICE NO.: 6 816

WORKSHEET B

DATE: 9-29-99 SERULNO: 9506 DISCHARGE AT 4 INSPECTION REMARKS		REASON FOR WORKSBATTERY/CELL TYPE:_ST _AMPS	DEEPCYCLE a	ONDITION OF BATTERY UPON REPACTY: 60	CHARG MINUTES	OPEN CIRCUIT VOLTAGE: 25.7	7
IESTING PERFORM INCOMING RELOING DATE	MAIN CHARGE DATE 9-36 AMP 20. VOLTS PER CELL: 1. 164 2. 165 3. 163 4. 163 5. 163 6. 165 7. 166 8. 164 9. 165 10. 170 11. 166 15. 165 16. 162 17. 168 18. 164 20. 164	TOP CHARGE DATE: 9130 AMP B.O VOLTS PER CELL: 1. 162 2. 162 3. 161 6. 162 7. 163 8. 162 9. 162 10. 167 11. 163 13. 161 14. 162 15. 162 16. 160 17. 164 18. 163 19. 161 20. 162 TOTAL 325 VOLTS	DISCHARGE DATE: 9-30 AMP 40 VOLTS PER CELL: 1, 1/12 2, 1/0 3, 1/2 4, 109 5, 1/2 6, 104 7, 108 8, 1/2 9, 1/2 10, 1/3 11, 1/0 12, 109 13, 1/1 14, 109 15, 1/1 16, 107 17, 1, 0 18, 106 19, 105 20, 109 TOTAL 21.5 VOLTS	MAIN CHARGE DATE \O \ AMP20.C VOLTS PER CELL: 1. \67 2. \67 3. \68 4. \64 5. \67 6. \65 7. \67 10. \72 11. \68 12. \72 13. \67 14. \67 15. \70 16. \65 17. \10 18. \67 19. \66 20. \68 TOTAL \33. \6 VOLTS	VOLTS PER CELL: 1. \ 63 2. \ 63 3. \ 63 4. \ 62 6. \ 6\ 1 7. \ 63 8. \ 63 10. \ 67 11. \ 63 12. \ 64 13. \ 63 14. \ 63 15. \ 64 16. \ 63 17. \ 65 18. \ 63 19. \ 61 20. \ 63	DISCHARGE DATE: VOLTS PER ŒLI: 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 8. 19. 20. VOLTS VOLTS VOLTS	
CONDITION OF BATTERY UPON CAPACITY: 6 C END OF CHARGE, OPEN CIRCU WORK PERFORMED:	MINUTES	harged.	1,000 AMP START	YES YES		PATURE PROBE CHECK: YES	
WATER CHECKED ADDED APPROX. 120 CCH20 SERVICE BY: CHIEF INSPECTOR:	Cst avero	a. (D.A.)	PAIRMAN NO.: P NO.: - 3YELLOW	RECHARGE TOP CHARG STOP CHARGE GREEN			
				• • • • • • • • • • • • • • • • • • • •		FORM DA 1400	

UNITED STATES

FAA FORI

AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation

Federal Aviation Administration

3. System Tracking Ref. No.

UASC Packing Slip #

4. Organization

Universal Avionics Systems Corporation 3260 E. Lerdo Rd

Repair Station

5. Work Order, Contract, or Invoice Number:

		Arizona 85706		Number	UZNR483	BN	91W937	9
e. Item	7. Description	a. Part Number	9. E	ligibility*	10. Quantity	^{11.} Serial/B	atch Number	12. Status/Work
1	uus -1M	1013-42-011	TSO A	rticle N/A	1	547		Modified
	·	:						
					·			
		i		İ				
Repaired, tested and returned to service in accordance with Universal Quality Control Acceptance Procedures, Report No. 20062. Modified, tested and returned to service in accordance with Universal Quality Control Acceptance Procedures, Report No. 20062. Inspected, tested and returned to service in accordance with Universal Quality Control Acceptance Procedures, Report No. 20062. Person who performed above described work								
14. Ne Ne	w			19. Return 1	to Service in A	ccordance with F	AR	
as oti	Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthinesss. Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.						as carried ect to the	
NOTE count	: In case of parts to be export to be export to be export to be exported by the case of th	rted, the special requiren	ments of the importing					
15. Signat		:	16. FAA Authorized No.:	20. Authorized Signatur	1/-1	· Ma	Į.	cate Number:
17. Name	(Typed or Printed)	· · · · · · · · · · · · · · · · · · ·	18. Date:	22. Name (Typed or Pric	1). (No	NUV	23. Date:	NR483N
	•				•	nael S. Will		25-97

FAA Forms 8130-3

Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 15 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

1. Approving National Aviation Authority / Country FAA / United States 2. AUTHORIZED RE FAA Form 8130-3,						E	3. Form Tracki	ng Number 7210448
	ion Name and Address: nce No. JAA.4197	Aviall Wheel and Brake	Services, 6528		ford Park, IL 606 ation No. LV5R	4.0-4.0-0.00-0	5. Work Order / Co	ntract / Invoice Number 47210448
6. Item	7. Description	8. Part Number	9. Eligibili	10.	Quantity	11. Sei	ial Batch Number	12. Status/Work
1	BRAKE ASSEMBLY	5002805-3	N/A		1		R3443	OVERHAULED
Ap	the items identified above proved design data and an approved design data spe	e in a condition for safe op	peration	Certifies that un described in Bl	ock 13 was acco	pecified in Blomplished in a	ock 13, the work iden accordance with Title	n Specified in Block 13 tified in Block 12 and 14, Code of Federal ovd for return to service.
15. Author	rized Signature: N/A	16. Approval Auth	orization No. 2	O. Authorized S	Signature:		21. Approval/Certifi	
17. Name	: (Typed or Printed) N/A	18. Date (m/d/y): N/A	2		ed or Printed) cent Mendoza		23. Date (m/d/y): Friday, Jun	e 21, 2002
		ı	Jser/Installer R	esponsibilities				
tha	ser/installer work in accordanc t the user/installer ensures that in block 14 and 19 do not const	t his/her Airworthiness Authorit titute installation certification In	of an Airworthines ty accepts parts/co a all cases aircraft r s by the user /insta	s Authority different to imponents/assemblie maintenance records aller before the aircra	than the Airworthines from the Airworth s must contain an ir aft may be flown.	ess Authority of niness Authority	the country specified in of the country specified ication issued in accorda	block 1 it is essential in block 1.

472 10448



Product Repair Services

AVIALL CHICAGO BRK (LV5ĸ029Ň) 6528 S LAVERGNE

BEDFORD PARK, IL 60638-5807

Part Number: 5002805-3

Service Required: OHC-BRAKE, AVIALL EXCHANGE

Description: IAI 1124 WESTWIND BRAKE

Quantity: 1

Serial Number: R3443

Date Received: 3/28/2002

Part Number	Bill of Material Description	Quantity	Aviall Order Number: 2340318 Ship To: Customer P.O.:	AVIALL CHICAGO BRAKE SHOP 6528 S. LAVERGNE AVE. BEDFORD PARK, IL 60638
GY18B8=24 5002857=24 5003260=24 5003340=24 5004020=24 5004034=24 5006135=24 511846-4=24 9535682=24 FN12-02=28 MS35207-260=28 MS35207-260=28 MS35266-59=28 AV25918=7E 32FL624=24 32FE524=24 5003499=24	RIVET WEAR PAD RING BU DISC ROT WEAR-PAD DISC I.D. PLATE WASHER GASKET PACKING NUT DRIVESCREW +++SCREW SCREW ID PLATE NUT NUT SPRING	50 20 6 6 2 5 2 6 4 6 4 2 4 2 1 3 1	Customer Number: 006699 Terms: Net 30 Days Shipping Method: Technical Information: AP-447 (32-43-30) R6,TR32-5 DO NOT UTILIZE RECLAIMED STATIONARY SB# WW 1124-32-6: NEW NON-ASBESTOS INSL AIRCRAFT: IAI WESTWIND 1124 PAINT REQ: G8009 OR ALT IS G8003	Special Instructions: DO NOT RELEASE DO NOT CANCEL

The aircraft accessory identified above was overhauled, repaired, and/or inspected in accordance with current Federal Aviation Regulations, current manufacturer's or approved air carrier's repair and inspection instructions, and is approved for return to service with regard to work performed.

Date

6-21-02

Signed:

For Repair Station LV5R029N



WHEEL & BRAKE SERVICES

6528 S. Lavergne Bedford Park, IL 60638-5807 CRS# LV5R029N

BRAKE SERVICE FOR & TEAF	DOWN REPORT
--------------------------	-------------

CUSTOMER: AU211-1 W.O. #472: 10448

PART #: 5002805-3 SERIAL #: R3443

OE #: 660236 DATE: 3/21/02

			+	74,000	18752				
Paint Type: All	um. EEF	ooxy Pai	nt Color: 4	has		_ Wear Pir	n Reading (as rec	'd):	JA.
Preliminary Inspection Initials:	- F	J mg1		inits	O Madiá		Other:		
Work Requested (Circle					C, Modif		Other:	- 01-1	
Disassembled By &	66	ech:		-line plates	GA	Cleaned	14	Strippe	a .// (_
Parts Container #:		16	Te	ch:	10	Tech:	11	Tech:	
		A COLOR		IN	SPECTION				
Magnetic Particle Tech: Mag	Dye Pene Tech:		Eddy Current Tech:	Visu Tech	al n: mnn	Hardware N.D.I. Tech:	N.D.I. Plates Tech:		Check Misc. Comp. Tech:
N.D.I. Accepted	Date: 05/	Insp	n.:				0	EMP #:	20 2ng
Discrepancies Noted:	1			Tech.	Corre	ctive Actions:		***************************************	Tech.
I Ea Nut-Fail	Lock	Test Pw:	32FL-62	4 may	2 RR	LUTS W	,th wan		B
I Ea Nut - Fa					a . J	NUTS W	in NEW		12
I Easpring-Fa		0	/		2 RR	spind u	NAM NE	t	13-14/17-
Painted By Re	e-lined Plate ech:	Pre-ass	embly Check (C/W: Housi Tech:	ng Build-up	Heat Stack	Weight Heat Sta		Heat Stack Build-up
				FI	NAL TEST				
High Pressure Test	PSI	2000	Minutes	13		ssure Test	PSI 5		Minutes
Number of Cycles	Stuer	Running Cle	earance 🔪	0.000	inches V	Vear Pin Setting	N/	nches	
Final Assembly and Test:	Date:	Tech	/ Emp #:	to		Date:	Insp / Emp	#:	- m
REMARKS:	1 20	4	<i>*</i>					1	
Condition:	A	pproved for		te:	Sign:				EMP #:
OUTT C/W	R	eturn To Servic	e 1 6	-21-02	that	redu			20098

AVIALL Bedford Park FORM 3F461R2

PREVIOUS EDITIONS MAY NOT BE USED

433

Aut	ng National Aviation hority / Country / United States			ASED CERTIFICATE		3. Form Tracki	ng Number 7210449
	tion Name and Address: ence No. JAA.4197	Aviall Wheel and Brake Service	ces, 6528 S. L	avergne, Bedford Park, IL 606 Repair Station No. LV5R0		5. Work Order / Co	ntract / Invoice Number 47210449
6. Item	7. Description	8. Part Number 9.	Eligibility*	10. Quantity	11. Se	erial Batch Number	12. Status/Work
1	BRAKE ASSEMBLY	5002805-3	N/A	1		R4321	OVERHAULED
14. Certifies	s the items identified above	e were manufactuerd in conform e in a condition for safe operation	ity to: 19.	14 CFR 43.9 Return to Sertifies that unless otherwise splescribed in Block 13 was accorgulations, Part 43 and in respect	Service conficted in Banplished in	Other Regulation	n Specified in Block 13 ntified in Block 12 and 14, Code of Federal
15. Autho	rized Signature: N/A	16. Approval Authoriza	tion No. 20.	Authorized Signature:		21. Approval/Certifi	cate Number:
17. Name	e: (Typed or Printed) N/A	18. Date (m/d/y): N/A	22.	Name: (Typed or Printed) Vincent Mendoza		23. Date (m/d/y): Friday, Jun	e 21, 2002
1	-	User/	Installer Resp	oonsibilities			
th	user/installer work in accordanc at the user/installer ensures tha	stand that the existence of this Docu ce with the national regulations of an at his/her Airworthiness Authority accu- stitute installation certification In all ca regulations by t	Airworthiness Au epts parts/compo ases aircraft mair	uthority different than the Airworthine onents/assemblies from the Airworthi	ss Authority oness Authori	of the country specified in ty of the country specified	block 1 it is essential in block 1.

472 10449



AVIALL CHICAGO BRK (LV5R029N) 6528 S LAVERGNE

BEDFORD PARK, IL 60638-5807

Part Number: 5002805-3

Service Required: OHC-BRAKE, AVIALL EXCHANGE

Description: IAI 1124 WESTWIND BRAKE

Serial Number: R4321

Quantity: 1

Date Received: 3/28/2002

	Bill of Material	
Part Number	Description	Quantity
GY18B8=24	RIVET	50
5002857=24	WEAR PAD	20
5003260=24	RING BU	6
5003340=24	DISC ROT	6
5004020=24	WEAR-PAD	2
5004034=24	DISC	5
5006135=24	I.D. PLATE	2
511846-4=24	WASHER	6
9510672=24	GASKET	4
9535682=24	PACKING	6
FN12-02=28	NUT	4
MS21318-8=28	DRIVESCREW	4
MS35207-260=28	+++SCREW	2
MS35266-59=28	SCREW	4
AV25918=7E	ID PLATE	2
32FL624=24	NUT	3
32FE524=24	NUT	1

Aviall Order Number: 2340318 Customer P.O.: Customer Number: 006699	Ship To:	AVIALL CHICAGO BRAKE SHOP 6528 S. LAVERGNE AVE. BEDFORD PARK, IL 60638
Terms: Net 30 Days		
Shipping Method:		
<u>Technical Information:</u>		Special Instructions:
AP-447 (32-43-30) R6,TR32-5		DO NOT RELEASE
DO NOT UTILIZE RECLAIMED STATIO SB# WW 1124-32-6: NEW NON-ASBES		DO NOT CANCEL
AIRCRAFT: IAI WESTWIND 1124		
PAINT REQ: G8009 OR ALT IS G8003		

The aircraft accessory identified above was overhauled, repaired, and/or inspected in accordance with current Federal Aviation Regulations, current manufacturer's or approved air carrier's repair and inspection instructions, and is approved for return to service with regard to work performed.

Date:

6-21-02

Signed:

Vartred



ALJA		4	BR	AKE SE	RVIC	E FOI	RI	IEA	AR D	OWN RE	POR	1				
		# #	CHET	OMER:	Ai	1121	100	X	er.		W.O.	#472:	/	1044	7	
	050///0	- 0	Name.	(*	100	1208	05	-	211	(6)			R413	21		
WHEEL & BRAKE 6528 S. Lavergne	SERVIC	ES	PART	#:	100	100	200	77)		SERIA	AL #:	2/21	1/27		
Bedford Park, IL 6	0638-580	7	OE #:			06	00	24	7	· · · · · · · · · · · · · · · · · · ·	DATE		0/21	102		
CRS# LV5R029N						ATOQ	048	75.	2	1	in the second					
Paint Type:	Alum.	Ероху	Pai	int Color:	his	hite				Wear Pin	Readir	ng (as rec	'd):	N/A		
Preliminary Inspecti	on Finding	s:	71	1000	4	Lim	1/5									
Initials:	ndo): (0)	VH,	nspect (Repair,	HS		Modify			0	ther:				
Work Requested (Circ Disassembled By &	Diej.	Tech:	Ch	J		plates	W.	1	•	Cleaned		110	Strippe	ed /	16	
Parts Container #:	98		16		Tech:		16			Tech:		$M \subseteq I$	Tech:			
	ng Amdus		697				SPEC'	TION		AND I	AL D	L Distan	/ Determ	Chaak	Mice Co	mn
Magnetic Particle Tech:	Dye Per Tech:	netrant		Eddy Curro Tech:		Visu Tech		nal		ware N.D.I.		I. Plates h: Mh	-	Tech:	Misc. Co	omp.
N.D.I. Accepted		108p	Insp Sign	pector's n.:					1		> -		EMP #:	U	192) /
Discrepancies Notes						Tech.		Correc	tive A	ctions:	-			1	Tech.	
BEa NUTS-F	uil Loc	K Te	s+ P,	N 32 FL	-624	mi	nn .	er	NU	75 K	all in	· N/	5		12	
I Ea Nut & F								KI	N	ITS W	HA	NE	J	/	1	
								{								
Painted By	Re-lined Pla	7		sembly Che	ck C/W:		ing Bui	ild-up		Heat Stack V	Veight	Heat Sta	ck Height			up 📱
Tech: 74	Tech: 19		Tech:	12		Tech:	100					291		Tech: /		
		polytica, ale e				F	INAL 1								1	
High Pressure Test	PSI	20	00	Minute	s	5	Lo	w Pres			PSI	10 3		Minutes	3	
Number of Cycles	Stu	ero Rur	ning Cl	earance	- 0.	() = (5 Inc	ches W	lear Pi	n Setting	1	10	Inches			
Final Assembly and Test:	Date:	21-02	Tech	/ Emp #:	7	in				Date: 621/)2	nsp / Emp	o #:	X	1	
REMARKS:											4,4460			7		
Condition:		Approved	for		Date:		Sign:		<u></u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		EMP	#:	
Condition.		Beturn To		ce	1 , 2	1 22	. 1:	-	M	1				3	1190	

AVIALL Bedford Park FORM 3F461R2

PREVIOUS EDITIONS MAY NOT BE USED

SKURKA ENGINEERING CO. CAMARILLO, CALIFORNIA	O.A.	PAGE	0F 7	NO.	ATP	787
ACCEPTANCE TEST PROCEDURE	DR. BY DATE RGD 02/14/94	CHK.	DATE	ENG.	DATE	REV. A
DATA SHEET		APPR.	DATE 02/14/94	APPR.	DATE 02/14/94	DATE 19/95

TILE

TRANSDUCER, MOTIONAL PICKUP

ALLIED SIGNAL ENGINES
O.: CUSTOMER:

CUSTOMER P.O.:

CUSTOMER P/N: 3073827-4

19360

SKURKA P/N: S/N. 30587 K205-C39683

S.O. NO.: 3/6030 W.O. NO.: 4//0890

COI	DE: 19360			/W.O. NO.: 14/	70470
ITEM	TEST	ATP PARA.	METHOD	LIMIT	ACTUAL VALUE OR ACCEPT CK
1	Leak Testing	4.1	MPS 267	8.24 x 10-5 std cc/sec	/
2	Thermal Cycle	4.2	70 to 130°F 550 to 600°F 70 to 130°F	100 Cycles	/
_	Insulation		1. All pins to case	10 Megohms Min.	1. <u>30Κ :</u> MΩ
3	Resistance	4.3	2. Pins A & B to Pins C & D	@ 500 VDC for 1 minute	2. 20Κ ΜΩ
	Dielectric		1. All pins to case	SPA L SPA VAS	1VAC
4	Strength	4.4	2. Pins A & B to Pins C & D	250 to 275 VAC	2VAC
_			1. Pin A to Pin B	100 to 150 Ω	1. <u>122.8</u> Ω
5	Coil Resistance	4.5	2. Pin C to Pin D	72°F	2. 122.3 Ω
		4.6.1	Coil A @ 1675 to 1700 RPM (810 to 822 Hz)	.71 VRMS min.	<u>1.14</u> v
		4.6.2	Coil B @ 2020 to 2120 RPM (976 to 1025 Hz)	.71 VRMS min.	2.64 v
6	Voltage Output	4.6.3	Coil B @ 17,486 to 17,686 RPM (8452 to 8548 Hz)	2.83 VRMS min.	<u>4.54</u> v
		4.6.4	Coil B @ 22,658 to 22,858 RPM (10,951 to 11,048 Hz)	1.59 VRMS min.	<u>4.70</u> v
7	Dimensional	4.7	Dimensional Requirements of K205-C39683		SE III

IDENTIFY PER SE DRAWING K205-Q39683 AFTER TEST COMPLETION

TESTED BY Lourdes	Hida lao 556	DATE JUN 0 5 2002
LO LD D		

Q.C. APPROVAL

DATE_JUN 0 6 2002

THE REPRODUCTION OF THIS DOCUMENT OR ANY PORTION THEREOF IS PROHIBITED WITHOUT EXPRESS PERMISSION OF SKURKA ENGINEERING CO.

Rogers N.D.T., Inc.

3418 Cypresswood Dr., Spring, TX 77388 Office 281-482-0228 Fax: 281-355-5615 E-mail: www.arren@clearsail.net INVOICE

Invoice #: 1093

DATE: 08/08/02

CUSTOMER ID: SFA

Ship To	9000 RAN	E AVIATION DOLPH N, TX 77061	Bill To:	STARFLITE AVIATION 9000 RANDOLPH HOUSTON, TX 7706	
	WO	P.O. NO.	REQ #:	FOB:	Terms:
	3447	N 885G		SPRING	DUE ON RECEIPT

RADIOGRAPHIC INSPECT CONROL RODS PER IAI NDT MANUAL
ITEM 1) TECHNIQUES 27-20-00 PARA A - L&R Rudder Pedal Support Shafts
PARA B - Pilot & Co-Pilot Inboard & Outboard Brake Control Rod Assy. PARA C - Left & Right Pilot's Vertical Inboard & Outboard Rod Assy's.
ITEM 2) Technique 32-20-00 PARA A - L&R NLG Door Control Rod Assembly, PARA B - L&R NLG Door Control Rod Assy, PARA C - NLG Door Control Shaft ASSY (Fore & Aft)

Number	Description	Number	Description
*			RADIOGRAPHIC INSPECT
			N8359
10			
*			
4			100
4			
	Late.		
			SUB TOTAL: \$1420.00
Œ.	DELIMPED 8/8/02	10	50B 101ML. \$1120.00

INVOICE TOTAL: \$1420.00



3418 Cypresswood Dr., Spring, TX 77388 Office 281-482-0228 Fax: 281-355-5615 E-mail: www.arren@clearsail.net INVOICE

Invoice #: 1093

DATE: 08/08/02

CUSTOMER ID: SFA

STARFLITE 2000 RAND HOUSTON,	OLPH		STARFLITE AVIATIO 9000 RANDOLPH HOUSTON, TX 7706	
WO 3447	P.O. NO.	REQ #:	FOB:	Terms: DUE ON RECEIPT

RADIOGRAPHIC INSPECT CONROL RODS PER IAI NDT MANUAL
ITEM 1) TECHNIQUES 27-20-00 PARA A - L&R Rudder Pedal Support Shafts
PARA B - Pilot & Co-Pilot Inboard & Outboard Brake Control Rod Assy. PARA C - Left & Right Pilot's Vertical Inboard & Outboard Rod Assy's.
ITEM 2) Technique 32-20-00 PARA A - L&R NLG Door Control Rod Assembly, PARA B - L&R NLG Door Conrol Rod Assy, PARA C - NLG Door Control Shaft ASSY (Fore & Aft)

Number	Description	Number	Description
\$ 7v	N8 36		RADIOGRAPHIC INSPECT
			N 8359
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	Market Control of the		
		Service Service	
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The second second	* 1		
	and the second s		
		/	SUB TOTAL: \$1420.00
	DELINIRED 8/8/02-6/1		

INVOICE TOTAL: \$1420.00

3418 Cypresswood Dr., Spring, TX 77388 Office 281-482-0228 Fax: 281-355-5615

E-mail: wwwarren@clearsail.net

INSPECTION REPORT & LOGBOOK ATTACHMENT

CUST: STARFLITE AVIATION

9000 RANDOLPH

HOUSTON, TX 77061

ATTN: Chief Inspector

LOCATION: HOU- HOBBY

Item Description:

AIRPLANE: WESTWIND

DATE: 8/8/2002

WO: 3447

PO: N8356

REG: N8356

TYPE: 1124

SN: 367

TTA: 7924.4

LDGS: 57/6

Description of Work

RADIOGRAPHIC INSPECT CONROL RODS PER IAI NDT MANUAL

ITEM 1) TECHNIQUES 27-20-00 PARA A - L&R Rudder Pedal Support Shafts

PARA B - Pilot & Co-Pilot Inboard & Outboard Brake Control Rod Assy. PARA C - Left & Right Pilot's Vertical Inboard & Outboard Rod Assy's.

ITEM 2) Technique 32-20-00 PARA A - L&R NLG Door Control Rod Assembly, PARA B - L&R NLG Door Control Rod Assy, PARA C - NLG Door Control Shaft ASSY (Fore & Aft)

Results:

NO DISCONTINUITIES FOUND AT THE TIME OF THIS INSPECTION

FAA CRS XW1R627K

Wallace W. Warren Chief Inspector

Page 1 of 1

BILLING INFORMATION

INVOICE NO.

1093

DATE 08/08/02

3418 Cypresswood Dr., Spring, TX 77388 Office 281-482-0228 Fax: 281-355-5615

E-mail: wwwarren@clearsail.net

3447

DATE: 8/8/02

WORK ORDER

CUST: STARFLITE AVIATION 9000 RANDOLPH HOUSTON, TX 77061

1835G

REQ#

PART NAME				MFG. WESTWIND			
368	N838G	P/N	177924.4 LDGs 5716				
X INSTRUCTI	ONS CONTINUED	REMARKS			2/16		
nboard & Outb TEM 2) Technic	oard Rod Assy's.	1 - L&R NLG Door (Control R	d Assy. PARA C - Left & Rig od Assembly, PARA B - L&R k Aft)			
DATE COMPLETI	ED						

NO APPARENT DISCONTINUITIES WERE NOTED AT THE TIME OF INSPECTION

INSP. REL

LOG ENTRY OR ATTACHMENT

X NO AIRWORTHINESS DETERMINATION MADE BY THIS INSPECTION

INSP. REL. FOR MORE THAN
ONE PART OF THE SAME S/N UNIT.

SEE ATTACHED

SEE REVERSE

Wallace W. Warren Chief Inspector

FAA CRS XW1R627K

3418 Cypresswood Dr., Spring, TX 77388 Office 281-482-0228 Fax: 281-355-5615

E-mail; wwwarren@clearsail.net

INSPECTION REPORT & LOGBOOK ATTACHMENT

CUST: STARFLITE AVIATION

9000 RANDOLPH HOUSTON, TX 77061

ATTN: Chief Inspector

LOCATION: HOU-HOBBY

Item Description:

AIRPLANE: WESTWIND

DATE: 8/8/2002

WO: 3447

PO: N83SG

REG: N83SG

TYPE: 1124

SN: 368

TTA: 7924.4

LDGS: 5716

Description of Work

RADIOGRAPHIC INSPECT CONROL RODS PER IAI NDT MANUAL

ITEM 1) TECHNIQUE 27-20-00 PARA A - L&R Rudder Pedal Support Shafts. PARA B - Pilot & Co-Pilot Inboard & Outboard Brake Control Rod Assy. PARA C - Left & Right Pilot's Vertical Inboard & Outboard Rod Assy's. ITEM 2) TECHNIQUE 32-20-00 PARA A - L&R NLG Door Control Rod Assembly, PARA B - L&R NLG Door Conrol Rod Assy, PARA C - NLG Door Control Shaft ASSY (Fore & Aft) ITEM 3) TECHNIQUE 27-10-00 - AILERON RODS - PARA 2A, 2B, 2C. ALL RODS AS PROVIDED BY CUSTOMER

Results:

NO DISCONTINUITIES FOUND AT THE TIME OF THIS INSPECTION

FAA CRS XW1R627K

Wallace W. Warren Chief Inspector

Page 1 of 1

Fly with the Best

TERIES AND ACCESS

8346 Almeda Genoa Road

Fax: 713-991-9117 TX 77075 Houston, Phone: 713-991-9111

U9BR618Y

9016	Work Accomp
# N	
OR	0

SEDVICEARIE DART

	36	HVICEABLE PA	n i					
	Star F1	te.	4076					
	Nomenciature	Part No. 15580	Serial No. 081985					
2	Work Accomplished Overhauled	Bench Checked	Repaired					
	Only							
		MAINTENANCE RELEASE						
	THE AIRCRAFT AND / OR COMPONENT RENT REGULATIONS OF THE FEDERAL SERVICE. PERTINENT DETAILS ARE ON FILE AT T	AVIATION ADMINISTRATION AND IS A HIS REPAIR STATION.	APPROVED FOR RETURN TO					
	UNDER WORK ORDER NO.	136	0-17					
	Signed / Steel Fe OV 8	May -	_ Date					

United Batteries & Accessories, Inc. 8346 Almeda Genoa Rd. Houston, Texas 77075 Tel:(713) 991-9111/9112 Fax:(713) 991-9117 C.R.S.# U9BR618Y NICAD BATTERY WET CELL FORM

(Form# 9001)							
12 / DO 1 - CR							
Customes far Flite. W/0#3274 Date Received 8-12-02 Cust. P/0# 4007 2007							
CUSTOMED THE PN 5580							
Rattery/Cell MFR 700 AMP HR Rate 36							
Battery Type 40 / G. TOILS IN TRAN. Charge (Other)							
Preservice/Hidden Damage Inspection Preservice/Hidden Damage Inspection AMPS HRS							
Topping Charge Rate 123 A LARDS HRS							
Discharge Rate ()							
General Committee Cons For MRC 31 CO							
Outer Casever MITA							
Coverter MA Special							
Seal Ver more Spec S Torqueter man spec S							
Hardware IRC MIRC Spec 'S Hot Spots NON P							
Receptical Assy, Per Men Speed Leak to Case 10 15							
Receiving Terminal Volts 26.28							
Town -							
Repaired							
Remarks UBA Loanier Too charged On 1%.							
REINALKS CALL							
Work Accomplished By Manager Agents							
100 post							
Recommendations By Inspector Recommendations By Inspector Recommendations By Inspector & Canacity Test Steps 1 thru 4							
Recommendations By Inspector In Service Hidden Damage Inspection & Capacity Test Steps 1 thru 4							
1st							
2nd							
Final Charge 32.60							
1. 4th 63 63 63 63 63 63 63 63 63 63 63 63 63							
/ Am 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
The Aircraft Component or Appliance or Accessory was Inspected in Accordance with Current The Aircraft Component or Appliance or Accessory was Inspected in Accordance with Current The Aircraft Component or Appliance or Accessory was Inspected in Accordance with Current							
The Aircraft Component or Appliance of Accessory may among the Approved for Return to Service.							
The Aircraft Component or Appliance or Accessory was Inspected in Accordance in Accordance in Requirements of the Federal Aylation Administration and is Approved for Return to Service. Requirements of the Federal Aylation Administration.							

The Aircraft Component or Appliance or Accessory was Inspected in Accordance with Current Requirements of the Federal Aviation Administration and is Approved for Return to Service.

Pertinent Details are on File at this Repair Station.

Authorized Inspection Signature

Date of Final Inspection for Return to Service

Maintenance Release Issued

YES OF NO

SERVICEABLE PART Customer Nomenclature Part No U9BR618Y 38056. 9 Work Accomplished Overhauled Bench Checked Repaired Other (Explain) UBA Logn con MAINTENANCE RELEASE RENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO PERTINENT DETAILS ARE ON FIRE AT THIS REPAIR STATION. UNDER WORK ORDER Pate 872-02

United Batteries & Accessories, Inc. 8346 Almeda Genoa Rd. Houston, Texas 77075 Tel:(713) 991-9111/9112 Fax:(713) 991-9117 C.R.S.# U9BR618Y NICAD BATTERY WET CELL FORM (Form# 9001)

Customer Star Flitz W/0#3275 Date Received 8-12-02 Cust. P/0# UBA Logn en MFR P/N Battery/Cell MFR SA AMP HR Rate Battery Type 4076 Volts Other Charge I.R.A.N. Deep Cycle Type Service Preservice/Hidden Damage Inspection HRS **AMPS** Topping Charge Rate HRS **AMPS** Discharge Rate General Condition From FR Socc S Filler Caps T Outer Case Ver mfn "O" Rinest won Pe Coverter MBC Cell Cases for M. Fr. So. e. o. Torqueter man S Hot Spots / Prove Leak to Case / OA Temp Probetto m Fr Sprec Receiving Terminal Volts Repaired Replaced Remarks UBA LOGA Work 'Accomplished by Inspected By Haca Completion Date Recommendations By Inspector In Service Hidden Damage Inspection & Capacity Test Steps 1 thru 4 1st 2nd 3rd Final Charge

The Aircraft Component or Appliance or Accessory was Inspected in Accordance with Current Requirements of the Federal Aviation Administration and is Approved for Return to Service.

Pertinent Details are on File at this Repair Station.

Authorized Inspection Signature

Date of Final Inspection for Return to Service

Maintenance Release Issued

VES of NO

Fly with the Best

ACCESSORIES, INC. TTERIES AND

Phone: 713-991-9111 • Fax: 713-991-9117 F.A.A. C.R.S. No. U9BR618Y 8346 Almeda Genoa Road Houston, TX 77075

SERVI	CÉAB	LE P	ART

	SERVICEABLE PAI	RT
	SHAR Flite	Mayo 823BH
	Nomenclature Part No.	Serial No.
	501-1075-06	1310
9	Work Accomplished	
#9016	Overhauled Bench Checked	Repaired
	Other (Explain) See WORK OR	V-or
FORM	Cure (Explain)	
O		
	MAINTENANCE RELEASE	
	THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED I	N ACCORDANCE WITH CUR-
	RENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS AF SERVICE.	PROVED FOR RETURN TO
	PERTINENT DETAILS ARE OF FILE AT THIS REPAIR STATION.	221
	UNDER WORK ORDER NO.	3269
	Signed Herard Class	8-12-02

United Batteries & Accessories, Inc. 8346 Almeda Genoa Rd. Houston, Texas 77075 Tel:(713)991-9111/9112 Fax:(713)991-9117 C.R.S.# U9BR618Y NICKEL CADMIUM BATTERY PACK CHARGE/DISCHARGE TEST FORM (Form# 9010)

Customer P/O# <u>N 8 3 SG</u> W/O# <u>3</u> 2 Customer Name Battery P/NSO1-1675-0 Unit S/N Date Received Preservice Inspection/Hidden Damage Inspection General Condition Of Over All Unit Yer MFL Spec'S
Receiving Terminal Volts / Unit Volts 218 Battery Pack #1 21.8 10,00 50-cc's Outer Case Yeam FA Circuit Board Yer MFN 50-ces Cells & Cell Cases Nerd Peplace Receptical Assy Yerm FR Spec 3 5 AMP Fuse for MFL Spec'S 10 AMP Fuse Yer Min Hot Spots Non ? Minimume Discharge **End Of Discharge Voltage** Unit Under Test 24 Minutes 19.0 VDC PS-823 A,C,E,G,B,B/T 47 Minutes 19.0 VDC PS-823 D.F.H.A/T 27 Minutes 20.0 VDC 20 Cell Battery Pack Replaced All to cells with New SAFF VRC1.2 C cells for Comm T1-328 Repaired Completion Date 8-12 Work Accomplished By 8-12-02 Inspection By In Service Hidden Damage Inspection & Capacity Test Steps 1 thru 4 1st Final Charge

The Aircraft Components or Appliance or Accessory Was Inspected In Accordance With Current Requirments of the Federal Aviation Administration And Is Approved For Return to Service.

Pertinent Details Are On File At This Repair Station.

Authorized Inspectors Signature

Date of Final Inspection for Return to Service

Maintenance Release Issued YES or NO

•	
U.S Department of Transportation	

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020						
For FAA Use Only						
Office Identification						

and disposition	NS: Print or type all en on of this form. This rep violation (Section 901	ort is re	quired by law (4	9 U.S.C. 14	endix (21).	B, and AC 43.9-1 (Failure to report c	(or subseque an result in a	ent revision thereof) for a civil penalty not to ex	or instructions sceed \$1,000		
	Make ISRAEL AIRC	Make ISRAEL AIRCRAFT INDUSTRIES LTD					Model WESTWIND 1124A				
1. Aircraft	Serial No. 368	Serial No.					Nationality N83SG	and Registration Mar	k		
2. Owner	Name (As shown of							As shown on registration		34111-1901	
	1 11(0) 02001		<i>57</i> ((1) (1) (1)	.00.22			, , , , , , ,				
-			···			3. For FAA Use	Only				
						4. Unit Identifica	ition			5. Type	
Unit	М	ake				Model		Seria	al No.	Repair	Alteration
AIRFRAME	~~~~~~(As describ				bed in item 1	above)~-	المن المنا		\boxtimes		
POWERPLANT	LANT										
PROPELLER	ELLER										
APPLIANCE	Туре				- "						
	Manufacturer			_							
						6. Conformity St	atement				
A. Agency's Nam					В.	Kind of Agency C. Certificate U.S. Certified Mechanic UQRR958			C. Certificate No.		
ROIGWEST 7035 SOPHI					屵	Foreign Certified Mechanic					
VAN NUYS,					Ϊ́Ζ	Certified Repair Station					
	t the repair and/or alter	ation m	ade to the unit/s	identified i	n iter	Manufacturer	cribed on the	e reverse or attachme	ents hereto		
have been	n made in accordance v rue and correct to the b	vith the	requirements of	Part 43 of t	he U	S. Federal Aviation	n Regulation	is and that the informa	ation furnished		•
Date 06/26/01						Signature of Auth		(MIC	Lan	de	
					7. /	Approval for Retu		EF INSPECTOR	<u> </u>		
	e authority given person of the Federal Aviation A			nit identified	d in it	em 4 was inspecte					
i └─']"	AA Fit Standards		Manufacturer			Inspection Author	ization	C	ther (Specify)		
BY FAA Designee Repair Station Person Approved by Transport Canada Airworthiness Group						\supset					
Date of Approval 06/26/01	or Rejection	Desi	ficate or gnation No. RR958L			Signature of Auth		(Val	20	ade	•
1		الالا	111330L			DALE RARD	IN - CHIE	F INSPECTOR	C		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N83SG

S/N 368

WESTWIND 1124A

06/26/01

Performed a repair to frame station 22 web and supporting structure of the radar antenna.

Repaired a small crack in the web by stop drilling the crack and fabricating and installing a doubler 2.2 inches by 3.2 inches with .25 radius corners made from 2024 T-3 aluminum alloy .040 thick with AD4 rivets, eq. spacing, 6D max, 12 PL min. and .31 E.D.

Repaired avionics deck by fabricating and installing a doubler 2.0" by 14.8" with .12 radius corners made from 2024-T3 aluminum alloy, .040 thick and installed with AD4 rivets, eq. spacing, 6D max, 26 PL min. and .31 to .50 E.D.

Removed and replaced the lower bulbed "L Angle" stiffner on the lower web with -5 Tiernay extrusion P/N 10135-1003.

Removed and replaced the upper stiffner extrusion with OEM part number 313132-5. Reference Israel Aircraft Industries Ltd.'s FAA Form 8130-3 dated 12/17/00.

Removed and replaced the radar antenna support bracket assembly P/N CMA71317-501. The bracket assembly was fabricated by Dynamo Aviation in accordance with Israel Aircraft Industries DWG No. CMA71317-501. Reference Dynamo Aviation, Inc.'s Certificate of Conformance dated 6/18/01.

This repair was performed in accordance with Aeromod Engineering Inc.'s Aircraft Structural Design, Analysis and Testing Report No. RO1-R1 and Drawing No. RO1-1835, both Rev. New dated 06/26/2001. Reference FAA Form 8110-3 dated 6/26/01 for substantiation of this structural data.

weight and balance change was found to be negligible.	
IEND	

U. STATEMENT OF COMPL	S. DEPARTMENT OF TR FEDERAL AVIATION ADI LANCE WITH THE F	MINISTRATIO	N	NS	DATE: June 26, 2001
	T		PONENT IDENTIFICATION		
MAKE: IBRAEL AIRCRAFT INDUSTRIES, LTD.	MODEL NO. A25W	etc.	ARPLANE	NAME OF	ROIGWEST, INC.
		LIST OF	DATA		
IDENTIFICATION			TITLE		
AeroMod Engineering, Inc. Report No.: RQI-R1	NOSE WEB REPA	IR IN WES	TWIND AIRCRAFT		
Revision: NEW Dated: 06/26/2001	NOTES:		·		
	1. This FAA Form only.	8110-3 is ex	ecuted for approval of	the above	e listed engineering data
	 The subject covered by the listed data is the repair of the damaged front bulkhead. This repair constitutes a major modification of the subject airplane This FAA Form 8110-3 applies to Israeli Aircraft Industries Model 1124A S/N 368 airplane only. This approval Indicates, that the data listed above only demonstrates compliance with the regulations specified in the paragraphs listed below as "APPLICABLE REQUIREMENTS". 				
5. Compliance with additional regulations not listed herein may be required. This FAA Form 8110-3 does not constitute FAA approval of all the data necessary for substitution of compliance with the necessary requirements for the entire repair.				ta necessary for	
-	- \				
		STR	UCTURAL APPRO	VAL OI	NLY
PURPOSE OF DATA	У			<u> </u>	
STR	RUCTURAL SUBSTA	NTIATION	IN SUPPORT OF FAA	FORM 3	37
APPLICABLE REQUIREMENT	TS (List specific	sections)	•••	~	
CAR 4b.20	0, 4b.201, 4b.202, 4b	o.301, 4b.30	2, 4b.303, 4b.304, 4b.3	305, 4b.3	06, 4 b.3 5 9
CERTIFICATION -Onder at and limitations of appoints attached sheets numbered found to comply with applic	nent under Part 103 NODE have cable requirements of	or the rede e been exam of the Fede:	eral Aviation Regular ined in accordance with tal Aviation Regulati	ich estab ons.	a listed above and on the
I (Wase) Thei -	refore	commend a	pproval of these	data	
Signature(s) of Du Represe	SIGNATED ENGINEERIN NTATIVE (S)		DESIGNATION NUMBER (\$ (8	CLASSIFICATIONS
HO CO	A. Katinszky	9	DERT-605278-N	M	STRUCTURES
		/			
1					

AEROMOD ENGINEERING INC. Aircraft Structural Design, Analysis and Testing

Page 0-1

7240 Hayvenhurst Ave. iuite 240D; Van Nuys, CA 91406

Telephone: (818)994-7601 Fax: (818)994-7631

ENGINEERING REPORT

"NOSE WEB REPAIR IN WESTWIND AIRCRAFT" **REPORT NO: ROI-R1** A/C MODEL: WESTWIND 1124A S/N: 368

Prepared by : AeroMod Engineering, Inc. Staff

Approved by: Mansoor Kouchak

Mansoor Kouchak

Date: $\frac{6/26/2001}{26/2001}$ Rev. "NEW"

AEROMOD ENGINEERING INC. PROPRIETARY NOTICE This document contains proprietary design(s), specification(s), information and technical data that are the sole property of AeroMod Engineering, Inc. to be held and treated by its recipient on confidential basis, and not to shown, reproduced by or disclosed to any unauthorized organization or person.

Date: June 26, 2001	AEROMOD ENGINEERING INC.	Report No: ROI-R1		
Prepared By: T. Saotome	Aircraft Structural Modification, Design and Testing	Model: WESTWIND1124A	Page: 0-2	
Checked By: M. Kouchak	List of Active Pages	Reference Dwg. N	o:ROI-1835	

LIST OF ACTIVE PAGES

	FIRST ISSU	JE PAGES	ADDE	D PAGES
SECTION	PAGE NO.	REVISION SYMBOL	PAGE NO.	REVISION SYMBOL
0	0-1thru 0-5	NEW		
1	1-1 thru 1-3-3	NEW	_	
	,			

TEMP. PG. REVISION

Date: June 26, 2001	AEROMOD ENGINEERING INC.	Report No: ROI-R1		
Prepared By: T. Saotome	Aircraft Structural Modification, Design and Testing	Model: WESTWIND1124A	Page: 0-3	
Checked By: M. Kouchak	Revisions	Reference Dwg. N	lo:ROI-1835	

REVISIONS

REVISION SYMBOL	DESCRIPTION	DATE	APPROVAL
NEW	Initial Release	6/26/01	Mil

TEMP, PG.	REVISION		

PACIFIC ARROTALL
W.O. agolal



SKANDIA, INC.

FLAMMABILITY TEST REPORTS

PACIFIC AFRO TECH, INC. IAI 1124 S/N 368

1. Country	[2	2.				3. System Tracking Ref.
UNITE	D STATES		FAA FORM (RWORTHINESS APPR U.S.Department of Trans	ROVAL TAG sportation		98092453
4. Organizat	ion Skandia Inc. 5181 Falcon Rockford, IL	Rd.	Federal Aviation Admir	nistration		5. Work Order,Contract,or Invoice Number 24077
6. Item	7. Descri	ption 8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
1 2	Seat Back Seat Bottom	3618-1 3618-2	N/A N/A	3	N/A N/A	Prototype Prototype
	Cushions for testing	in accordance with FAR 25.853 (C)				
14. New Newly C Certifies the as otherwith FAA a	tverhauled	erhauled part(s) identified above, except was (were) manufactured in accordance all alloworthiness regulations.	19.	Return To Service Certifies that the word out in accordance with the control of t		(or attached) above was carried egulations and in respect to the
New Newly O Certifies the as otherwing with FAA and NOTE:	tverhauled	erhauled part(s) identified above, except was (were) manufactured in accordance ad airworthiness regulations. ported, the special requirements of the i	importing	Return To Service Certifies that the word out in accordance with work performed the performance the	rk specified in block 13 ith FAA airworthiness re part(s) is (are) approved	(or attached) above was carried egulations and in respect to the d for rettirn to service.
New Newly O Certifies to as otherwith FAA a NOTE: country ha	hat the new or newly over ise specified in block 13 approved design data an in case of parts to be ex	prhauled part(s) identified above, except was (were) manufactured in accordance all airworthiness regulations. ported, the special requirements of the incomments of the DARCE	importing Authorization No.: 20.	Return To Service Certifies that the work out in accordance with work performed the performed the performed Signature	rk specified in block 13 ith FAA airworthiness re part(s) is (are) approve	(or attached) above was carried egulations and in respect to the d for return to service. 21. Certificate Number
14. New Newly O Certifies the as otherwine with FAA a NOTE: country ha 15. Signature 17. Name (Type	hat the new or newly over ise specified in block 13 approved design data an in case of parts to be ex- ye been met.	erhauled part(s) identified above, except was (were) manufactured in accordance all airworthiness regulations. ported, the special requirements of the incommon of the incomm	importing Authorization No.: 20. 155002	Return To Service Certifies that the word out in accordance with work performed the performance the	rk specified in block 13 ith FAA airworthiness re part(s) is (are) approve	(or attached) above was carried egulations and in respect to the d for rettirn to service.
New Newly O Certifies to as otherwith FAA a NOTE: country ha	hat the new or newly over ise specified in block 13 approved design data and in case of parts to be exp yet been met.	perhauled part(s) identified above, except was (were) manufactured in accordance all airworthiness regulations. ported, the special requirements of the incommon of the incom	importing Authorization No.: 20. 155002	Return To Service Certifies that the work out in accordance with work performed the performed the performed that the performed signature Name (Typed or Printe performance) installer must create the performance of the perfo	rk specified in block 13 ith FAA airworthiness re part(s) is (are) approve	(or attached) above was carried significant in respect to the differential to service. 21. Certificate Number 23. Date:

	U.S. DEPARTMENT OF TRA	ANSPORTATION			DATE		
STATEMENT OF COMP	FEDERAL AVIATION ADM	MINISTRATION	AVIATION REGULA	באסוד	09/24/98		
	·		OMPONENT IDENTIFI	·			
MAKE	MODEL NO.	T	ane, Radio, Helicopter,		APPLICANT		
IAI	1124	e(C.)		Skandia,	•		
368	-1447	Aim	lane	1	AERO TECHLINC.		
		LIST OF					
IDENTIFICATION			TITLE				
			_	-			
Work Order #	Work Order # FIREBLOCKING FLAMMABILITY TEST RESULTS						
24077-98				=	•		
Test ID 11580	REF: Skandia,	Inc. Test Pla	an # 3618				
	Rev New						
	Dated: 9/1	4/98	_				
	FAA Proje	ct # SP1792	CH-Q-184				
	Dated: 9/1		-				
	For PN's 3	618-1 AND	3618-2				
	1				•		
	DOUGLASS II	NTERIOR P	RODUCTS LEATHE	R LL-3825	5 BOWMORE		
·							
		·		· · · ·			
PURPOSE OF DATA							
DEMONSTRATION OF	COMPLIANCE WIT	TH MATERI	IAL FLAMMABILITY	REOUT	REMENTS		
APPLICABLE REQUIREMENTS							
Elouper Vedolucusull	i (mist specific sections)	•					
FAR 25.853 (c) Appendi	ix F Part II Amendme	nt 25-83					
FAR 25.853 (a) Appendi							
i i i i i i i i i i i i i i i i i i i	((() (1) (11)						
CERTIFICATION - Under au							
of appointment under Part 18	3 of the Federal Aviati	ion Regulatio	ons, data listed above a	nd on attac	ched sheets numbered		
		ccordance wi	th established procedur	es and fou	nd to comply with applicable		
requirements of the Federal	Aviation Regulations. commend approval of t	Kasa dara					
	prove these data	cse vald	•				
SIGNATURE(S) OF DESIGNATED		NTATIVE(!)	DESIGNATION NUMBER	s(s)	CLASSIFICATION(S)		
	- LITOINCERING REFRESE		DESIGNATION NUMBER	21.21			
Lexuel 1		,	СНІ-410	Stru	ctural Special		
	(/h-)						
Judy Boggs	<u> </u>				·		
-							

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

STATEMENT OF	COMPLIANCE WITH THE	FEDERAL A	VIATION REGULA	TICHS	09/09/98
	AIRCRAFT OR	AIRCRAFT C	OMPONENT IDENTIF	ICATION	
MAKE	MODEL NO.		ne, Rado, Helicopter,	NAME OF AP	PLICANT
STOCK	N/A	e(E)		Skandia, Inc.	•
NA .		· N/A_		SKANDIA	PRODECTS)
	·	LIST OF			
IDENTIFICATION		· · ·	TITLE		
Work Order # 24321-98	SKANDIA, IN	NC.: DAX GR	APHITE/POLY FOAI	M, 20 I LD, L	OT #09088-20
Test ID 11218	· SKANDIA, IN	IC.: DAX GR	APHITE/POLY FOA	M, 26 ILD, I	OT #09088-2
	SKANDIA, IN	IC.: DAX GR	APHITE/POLY FOA	M, 47 ILD, L	.OT #09088-4
•	SKANDIA, IN #09088-45 ,;	NC.: DAX GR	APHITE/POLY FOAI	M W/SCRIM	L 47 ILD, LOT
	SKANDIA, IN	NC.: DAX GR	APHITE/POLY FOA	M, 55 ILD, L	.OT #09088-5
	SKANDIA, IN #09088-5S	VC.: DAX GR	APHITE/POLY FOA	M W/SCRIM	I. 55 ILD. LOT
	SKANDIA IN	NC.: DAX GR.	APHITE/POLY FOA	M. 90 ILD. L	OT #09088-9
•					
,					
	·				
		•			
PURPOSE OF DATA					
DEMONSTRATI	ON OF COMPLIANCE WI	TH MATERIA	L FLAMMABILITY	REQUIREN	ŒNTS
	REMENTS (List specific section				
	• • • • • • • • • • • • • • • • • •	•			
FAR 25.853 (a) A	appendix F Part I (a) (1) (ii)				
· .					
	Under authority vested by dir				
or appointment under	r Part 183 of the Federal Avi				ed sheets numbered
requirements of the	Eederal Aviation Regulations		ru earantiaued bloceen	i. TS ENG LOUNG	to combit were sphiresis
I (We) Therefore	Recommend approval o				
	Approve these data	<u> </u>			
SIGNATURE(S) OF DES	ignated engine ering repr	בפאדגדאפט	DESIGNATION NUMBE	RS(S)	CLASSIFICATION(S)
Hudr	2000		CHI-410	Structu	ral Special
July Boggs	J 000				· · · · · ·
				1	

U.S. DEFARTMENT OF TRANSPORTATION FEDERAL AVIATION ACMINISTRATION 09/22/98 STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION NAME OF APPLICANT Type (Airplane, Radio, Heilespier, MODEL NO. MAKE Skandia, Inc. ote.) STOCK NA SKANDIA (PRODUCTS) N'A NA LIST OF DATA TITLE ICENTIFICATION SKANDIA, INC.: DAX GRAPHITE/POLY FOAM, 20 H.D, LOT #09218-20 Work Order # 24833-98 SKANDIA, INC.: DAX GRAPHITE/POLY FOAM, 26 ILD, LOT #09218-2 Test ID 11482 SKANDIA, INC.: DAX GRAPHITE/POLY FOAM W/SCRIM, 26 ILD, LOT #09218-2S SKANDIA, INC.: DAX GRAPHITE/POLY FOAM, 47 ILD, LOT #09218-4 SKANDIA, INC.: DAY GRAPHITE/POLY FOAM, 55 ILD, LOT #09218-5 SKANDIA. INC.: DAX GRAPHITE/POLY FOAM, 90 ILD. LOT #09218-9 PURPOSE OF CATA DEMONSTRATION OF COMPLIANCE WITH MATERIAL FLAMMABILITY REQUIREMENTS APPLICABLE REQUIREMENTS (List specific sections) FAR 25.853 (a) Appendix F Part I (a) (1) (ii) CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVED DESIGNATION NUMBERS(S) CLASSIFICATION(S)

CHI-410 Structural Special

Judy Boggs

Recommend approval of these data



PACIFIC AERO TECH, INC. TEST PLAN #3618 REV NEW SKANDIA WO #24077-98 IAI 1124 S/N 368

DEMONSTRATION OF COMPLIANCE OF AIRCRAFT SEAT CUSHION ASSEMBLIES TO THE FIREBLOCKING REQUIREMENTS OF FAR 25.853 (C) AMENDMENT 25-83

DATE	:	

REVISION NO.

EFFECTIVE PAGE

DESCRIPTION

09-14-98

NEW

PREPARED BY: JUDY BOGGS DATE: 9-15

CHECKED BY: Dick LAUGHLIN DATE: 9/15/98

APPROVED BY: JUDY BOGGS

DATE: 9-15-98

PAGE: 1



TEST PLAN 3618 REV NEW

INDEX OF PAGES

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TEST SPECIMEN PROCEDURES/PRODUCTION PROCEDURES4
TEST DRAWING (P/N 3618-1 & 3618-2)5
PRODUCTION DRAWING6
FIREBLOCKING DATA SHEET7
STRIP CHART8
CALIBRATION ROUND CHART9
12 SECOND VERTICALS10-13
TRACEABILITY14-22



TEST PLAN 3618 REV NEW

MATERIAL LIST:

DRESS COVER: DOUGLASS INTERIOR PRODUCTS LEATHER LL-3825 BOWMORE

FOAM CONSTRUCTION: SKANDIA, INC. - DAX GRAPHITE/POLY 26, 47, 55, ILD AND 1/2" DAX GRAPHITE/POLY 26 ILD W/SCRIM

ADHESIVE: 3M 1357 HIGH PERFORMANCE CONTACT ADHESIVE

VELCRO: SKANDIA, INC. SBGE1.00H SEW BEIGE 1" HOOK AND

SBGE1.00L SEW BEIGE 1" LOOP



TEST PLAN 3618 REV NEW

TEST CUSHIONS:

Repeated tests by this facility have shown that inclusion of velcro on the test cushion only has no impact on the cushion's ability to pass or fail the burn test, therefore on the test cushion dress covers only, the velcro will be eliminated and the remaining seam will be machine stitched closed.

TEST NO. 1 P/N 3618-1 & 3618-2

Test cushion dress covers are fabricated using Douglass Interior Products Leather Bowmore LL-3825. Test cushions are fabricated with Skandia, Inc. DAX Graphite/Poly 26 ILD, which qualifies the same foam of a higher density. All foam cushion assembly components are bonded with 3M 1357 High Performance Contact Adhesive. Additionally, test cushions have a 1/2" layer of Skandia, Inc. DAX /Graphite Poly 26 ILD w/scrim quilted to dress cover on the seating surfaces only. Test cushion dresscovers are sewn to fit and pulled over and around cushion assembly with the remaining seam machine stitched closed.

PRODUCTION CUSHIONS:

5 PAX SEATS AND 3 PL DIVAN

Production cushion dress covers are fabricated using Douglass Interior Products Leather Bowmore LL-3825. Production cushions are fabricated using a combination of different densities of Skandia DAX Graphite/Poly foam with 26 ILD being the lowest density used. All foam cushion assembly components are bonded with 3M 1357 High Performance Contact Adhesive. Additionally, production cushions have a 1/2" layer of Skandia, Inc. DAX /Graphite Poly 26 ILD w/scrim quilted to dress cover on the seating surfaces only. Dress cover is pulled over and around cushion assembly with the remaining seam velcroed closed.

PAGE: 4

DESIGN APPROVAL REQUEST REPLACEMENT OF CABIN SEAT CUSHIONS TO COMPLY WITH FAR 25.853 (C) AMENDMENT 25-83

TEST SPECIMEN DRAWING NO: 3618 WO# 24077-98 REV NEW DATE: 09/14/98

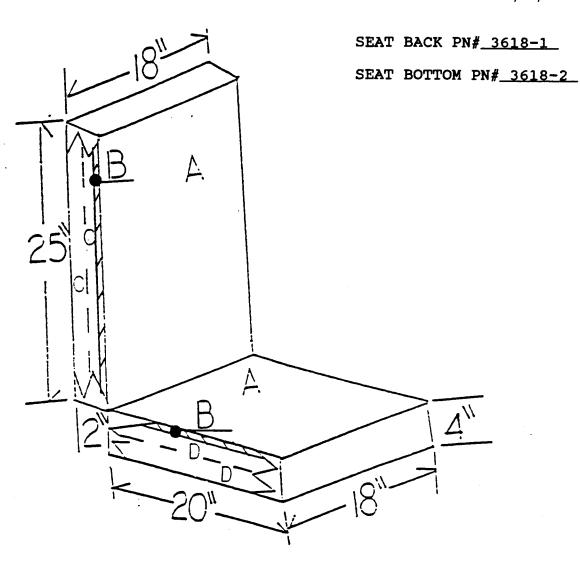
MAKE: IAI MODEL: 1124 S/N 368 N#

SEAT DESIGN TO BE PER ATTACHED: TEST PLAN

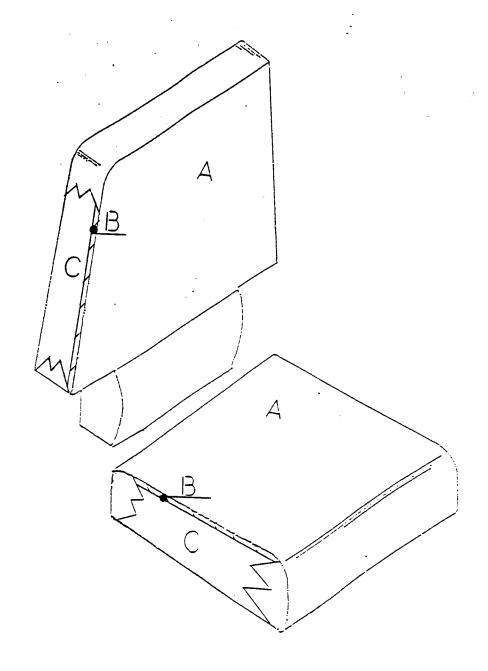
UPON COMPLETION OF CONFORMITY INSPECTION TEST SPECIMENS TO BE SUBMITTED FOR TESTING IN ACCORDANCE WITH FAA

APPROVED TEST PROCEDURES

ALL TOLERANCES +/~ 1/8 INCH



	COMPOSITION	HANUFACTURER	PART NUMBER	COLOR	DYE LOT # FLAME TREATMENT
λ	Dress Cover Leather	DOUGLASS INTERIOR PRODUCTS	LL-3825	BOWHORE	
В	PADDING .5"	SKANDIA, INC.	DAX GRAPHITE/POLY 26 ILD W/SCRIM	HAUVE	QUILTED TO DRESS COVER ON SEATING SURFACES ONLY
С	FOAH .75*	SKANDIA, INC.	DAX GRAPHITE/ POLY 26 ILD	MAUVE	
D	POAH 1.75"	SKANDIA, INC.	DAY GRAPHITE/ POLY 26 ILD	MAUVE	
λLI		NENTS ARE BONDED TOGET	<u> </u>		CE CONTACT ADRESIVE.



- A. DRESS COVER: DOUGLASS INTERIOR PRODUCTS LEATHER LL-3825 BOWMORE
- B. PADDING: A 1/2" LAYER OF SKANDIA, INC. DAX GRAPHITE/POLY 26 ILD W/ SCRIM QUILTED TO DRESS COVER ON SEATING SURFACES ONLY
- C. FOAM CONSTRUCTION: COMBINATION OF DIFFERENT DENSITIES OF SKANDIA, INC. DAX GRAPHITE/POLY WITH 26 ILD BEING THE LOWEST DENSITY USED

ALL FOAM CUSHION COMPONENTS ARE BONDED WITH 3M 1357 HIGH PERFORMANCE CONTACT ADHESIVE.

PRODUCTION CUSHIONS TYPICAL ALL TEST PLAN #3618 REV NEW WO# 24077-98 DATED: 09-14-98 IAI 1124 S/N 368

PAGE: 6



Client:

PACIFIC AERO TECH, INC.

Date:

09/24/98

Client P.O. #:

A2349

Aircraft:

IAI 1124

Test Plan #: Skandia WO #: 3618 24077-98 S/N: 368

FIREBLOCKING FLAMMABILITY TEST RESULTS

FAR 25.853 (c) Appendix F Part II Amendment 25-83

Conditioning Room: Time In: 09/22/98

Time Out: 09/24/98

	Part Number	Specimen	Bur VERT	n Length (II HORIZ-T	nches) HORIZ-B	Weight Loss (LBS.) (%)	
#1	3618-1	LEATHER	2.0				
	3618-2	LEATHER		5.3	2.5	0.28	4.3
#2	3618-1	LEATHER	2.9				
	3618-2	LEATHER		6.1	2.5	0.31	4.7
#3	3618-1	LEATHER	2.4				
	3618-2	LEATHER		5.7	2.2	0.30	4.6
		AVERAGE:	2.4	5.7	2.4	0.30	4.5

Materials:

Dress Cover: DOUGLASS INTERIOR PRODUCTS LEATHER LL-3825 BOWMORE

Foam:

SKANDIA, INC. DAX GRAPHITE/POLY 26 ILD

Other SK

SKANDIA, INC. DAX GRAPHITE/POLY 26 ILD W/SCRIM 1/2"

Comments:

Passed:

YES X

NO

Signed

udy Roggs

PAGE 7

```
6. 55 LB VERT = 24/
6. 55 LB HORZ-T = 5.7
6. 45 LB WT.LOSS LBS. = ```

MASHINGTON. PA

PAGE 9

Client:

**WO** #:

24077-98

PACIFIC AERO TECH, INC.

Date:

09/04/98

4380 AGAR DRIVE

Test Plan #: 3618

VANCOUVER INT'L AIRPORT

PO #:

A2349

**RICHMOND BC V7B 1A3** 

Aircraft:

S/N:

IAI 1124

368

## VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

09/03/98

9:00 AM

Time Out: 09/04/98

1:00 PM

Specimen Desc.:

DOUGLASS INTERIOR PRODUCTS LEATHER LL-3825 BOWMORE

| Flame Application (seconds) | Flame Time (seconds) | Burn<br>Length<br>(inches) | Drippings (seconds) |
|-----------------------------|----------------------|----------------------------|---------------------|
| 12                          | 0.0                  | 0.4                        | 0.0                 |
| 12                          | 0.0                  | 0.3                        | 0.0                 |
| 12                          | 0.0                  | 0.4                        | 0.0                 |
| Average:                    | 0.0                  | 0.4                        | 0.0                 |

#### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

Failed:

Signed:

Judy Boggs

ERT12NW-12484

SKANDIA (PRODUCTS)

WO #:

24321-98

Date:

09/09/98

Test Plan #:

PQ #:

Aircraft:

S/N:

**STOCK** 

NA

# VERTICAL: FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

09/08/98

9:00AM

Time Out: 09/09/98

10:00AM

Specimen Desc.:

SKANDIA, INC.: DAX GRAPHITE/POLY FOAM, 1/2", 26 ILD, LOT #09088-2

| Flame Application (seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------|----------------------------|----------------------------|------------------------|
| 12                          | 0.0                        | 2.1                        | 0.0                    |
| 12                          | 0.0                        | 2.4                        | 0.0                    |
| 12                          | 0.0                        | 2.3                        | 0.0                    |
| Average:                    | 0.0                        | 2.3                        | 0.0                    |

### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

Failed:

Signed:

Judy Boggs

ERT12NW-12133

| _   |     |    |
|-----|-----|----|
| 1 1 | 167 | ٠. |
| •   | шел | ш. |

SKANDLA (PRODUCTS)

WO #:

24833-98

Date:

09/22/98

Test Plan #:

PO#:

Aircraft:

S/N:

**STOCK** 

NA

# VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

09/21/98

10:30AM

Time Out: 09/22/98

10:30AM

Specimen Desc.:

SKANDIA, INC.: DAX GRAPHITE/POLY FOAM, 26 ILD, 1/2", LOT #09218-2

| Flame Application (seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------|----------------------------|----------------------------|------------------------|
| 12                          | 0.0                        | 2.5                        | 0.0                    |
| 12                          | 0.0                        | 2.1                        | 0.0                    |
| 12                          | 0.0                        | 2.2                        | 0.0                    |
| Average:                    | 0.0                        | 2.3                        | 0.0                    |

## Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

X

Failed:

Signed:

Judy Boxes

ERT12NW-12379

Client:

SKANDIA (PRODUCTS)

WO #:

24833-98

Date:

09/22/98

Test Plan #:

PO#:

Aircraft:

S/N:

**STOCK** 

NA

# VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

09/21/98

10:30AM

Time Out: 09/22/98

10:30AM

Specimen Desc.:

SKANDIA, INC.: DAX GRAPHITE/POLY FOAM W/SCRIM, 26 ILD, 1/2", LOT

#09218-2S

| Flame<br>Application<br>(seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------------|----------------------------|----------------------------|------------------------|
| 12                                | 0.0                        | 2.6                        | 0.0                    |
| 12                                | 0.0                        | 2.8                        | 0.0                    |
| 12                                | 0.0                        | 2.0                        | 0.0                    |
| Average:                          | 0.0                        | 2.5                        | 0.0                    |

## Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

X

Failed:

Signed:

Judy Boogs

RT12NW-12383

HERE TO EXECUTIVE AIRCRAFT SERVICES 4380 AGAR DRIVE RICHMOND, B.C.

CANADA V7B 1A3

DOUGLASS INTERIOR PRODUCTS, INC

2000 - 124th AVENUE N.E. • BELLEVUE, WA 98005

425-455-2120 • 800-722-7272 • FAX: 425-451-4779

OT CLICES

EXECUTIVE AIRCRAFT SERVICES

4380 AGAR DRIVE RICHMOND, B.C. CANADA V7B 1A3

| p-unchase order number |                   | UMBER | ORDER DATE       |                   |       | CHIPPING TERMS |       | SECRY   | SHIPPING DATE |  |
|------------------------|-------------------|-------|------------------|-------------------|-------|----------------|-------|---------|---------------|--|
| F-229                  |                   |       | 8/11/98          | BURLINGTON 2 DAY  | ₹     | 3RD PARTY      |       | +       | 8/12/         |  |
| 10, OF<br>PAKLAGES     | PACKAGING<br>TYPE | WEGET | ITEM DESCRIPTION |                   |       | QUANTITY       | UNIT  | QUANTTY |               |  |
|                        |                   | '     | LL-3825          | 5 BOWMORE LEATHER |       | 495.00         |       |         |               |  |
| <u> </u>               |                   |       |                  |                   |       |                | _9/   |         |               |  |
|                        | 1                 |       | ·                |                   |       |                |       |         |               |  |
|                        |                   |       |                  |                   |       |                | i ——— |         |               |  |
|                        |                   |       |                  |                   |       | +              |       |         |               |  |
|                        |                   |       | •                |                   |       | ++             |       |         |               |  |
|                        | BOX               | 84    | TOTAL 9 HIJES    |                   |       |                |       |         |               |  |
|                        |                   |       | TOTAL NICES      |                   | TOTAL | 445.6CI        | SF '  | 538.00  |               |  |

SALES ORDER NO.

40762

SEPEMARKS

(only Lurge hider available)

**PACKING LIST** 



PAGE: 1

5181 Falcon Road • Rockford, Illinois 61109 • Phone 815/227-1611 • Fax 815/227-1920

\*PICKING SHEET\* WAREHOUSE: 002 SKANDIA NORTH

ORDER NUMBER: 0021837 CUSTOMER NO: 0001095

SOLD TO:

KAISER CUSTOM FURNISHING LTD

4400 AGAR DRIVE

SHIP TO:

KAISER CUSTOM FURNISHING LTD

4400 AGAR DRIVE

RICHMOND

BC V7B1A3

RICHMOND

BC V7B1A3

CONFIRM TO: WALTER KAISER PHONE: (604) 278-1421

( STOMER P.O.

SHIP VIA

CATION ITEM NO. UNIT ORDERED

WEIGHT

TERMS

NET 30 1.5% LATE CHARGE

ORDER DATE: 06/25/98

L.W.T.

UPS

00025

DAX552.0 EACH 2
DAX 55 2"X24"X72" F/R FOAM LOT/SERIAL:

<u> 2 06098-5</u>

Onthere Account

SHIPPED JUN 2 5 1998

ALL DISCREPANCIES WITH SHIPMENTS MUST BE REPORTED TO SKANDIA, INC. WITHIN 48 HOURS OF RECEIPT!!



PAGE:

5181 Falcon Road • Rockford, Illinois 61109 • Phone 815/227-1611 • Fax 815/227-1920

\*PICKING SHEET\*

WAREHOUSE: 002 SKANDIA NORTH

ORDER NUMBER: 0023692

SOLD TO:

CUSTOMER NO: 0001095

KAISER CUSTOM FURNISHING LTD

4520 AGAR DRIVE

SHIP TO:

KAISER CUSTOM FURNISHING LTD

4520 AGAR DRIVE

RICHMOND

BC V7B1A3

RICHMOND

BC V7B1A3

CONFIRM TO: WALTER KAISER

PHONE: (604) 278-1421

CUSTOMER P.O. SHIP VIA

WEIGHT 00004 TERMS

NET 30 1.5% LATE CHARGE

ORDER DATE: 08/20/98

ITEM NO.

WALTER-N368MD FED2

UNIT

BACK ORD

SBGE1.00H SEW BEIGE 1" HOOK

EACH

LOT/SERIAL:

SBGE1.00L SEW BEIGE 1" LOOP

EACH LOT/SERIAL:

426215530418

RECEIVED AND 26 1998

SHIPPEDAIG 2 0 1998

Freight \* 38.80

\*ALL DISCREPANCIES WITH SHIPMENTS MUST BE REPORTED TO SKANDIA, INC. WITHIN 48 HOURS OF RECEIPT!!

SKANDIA INC 5181 FALCON RD ROCKFORD

6110

YOUR PURCHASE ORDER NUMBER MCMASTER-CARR SUPPLY COMPANY 600 COUNTY LINE ROAD ELMHURST IL 60126-2081

1 OF 1 MCM NUMBER 1088239-01

**PAGE** 

6549

IF THERE ARE ANY QUESTIONS ABOUT THIS SHIPMENT CONTACT OUR SALES DEPARTMENT (630)833-0300

| WAREHOUSE LOCATION                    | MCMASTER CARR<br>PART NUMBER | FILL<br>QUANTITY | ITEM DESCRIPTION                                                     | YOUR   | YOU     | - ME    |
|---------------------------------------|------------------------------|------------------|----------------------------------------------------------------------|--------|---------|---------|
| _                                     |                              |                  |                                                                      | LINE   | ORDERED | SHIPPED |
| 1-128-03 <b>02</b>                    | 75425 <b>A66</b>             | 6<br>EA          | 3M CONTACT ADHESIVE HZ-D SCOUCH GRIP,#1357,1-DT CAN LABEL D PACK= CO | 1      | 6<br>EA | 6       |
| d-122-02 <b>05</b>                    | 7907 A3                      | 5<br>PK          | FLINTS FOR STANDARD SINGLE-FLINT GAS-TORCH LIGHTER PKG= 5 EA/PK BHZ  | 1<br>2 | 5<br>PK | 5       |
|                                       |                              |                  | 512                                                                  |        |         |         |
|                                       |                              |                  | Recid 4-01-98                                                        |        |         |         |
| • • • • • • • • • • • • • • • • • • • |                              |                  |                                                                      |        |         |         |
| ( )<br>( )                            |                              |                  |                                                                      | -      |         |         |
|                                       | have seed and                | 2000 mg 2000 mg  |                                                                      |        |         |         |
| ر ا                                   | 1017/12                      |                  | PERMARANTE                                                           | 1      |         |         |

MATERIAL SAFETY DATA SHEET

HSDS: SCOTCH-GRIP (TM) 1357 High Performance Contact Adhesive PAGE: 2 of 6

# FIRE AND EXPLOSION HAZARD DATA (continued)

AUTOIGNITION TEMPERATURE: ... N/D

EXTINGUISHING MEDIA:

Foam

Carbon dioxide, Dry chemical, For SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 3 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

### 4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong Oxidizing Apents.
HAZARDOUS POLYHERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride, Aldehydes, Ketones, Hydrocarbons.

# 5. ENVIRONMENTAL INFORMATION

## SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. In the U.S.A., call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Ventilate area. Extinguish all ignition sources. Cover with absorbent material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

## RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Dispose of waste product in a facility permitted to accept chemical waste.

# ENVIRONMENTAL DATA:

Not determined.

### REGULATORY INFORMATION:

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

## EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

Abbreviations: N/D - Not Determined N/A - Not Applicable

|             | PACIFIC AERO TECH INC                  | , AETT      | MANDE                                               | <u>x</u> P/ |                                                              | NG LI           | TIME / HEURE        | MOE                                         | F DE YALLO                                          | N RUMBER<br>ACTION             |
|-------------|----------------------------------------|-------------|-----------------------------------------------------|-------------|--------------------------------------------------------------|-----------------|---------------------|---------------------------------------------|-----------------------------------------------------|--------------------------------|
| E           | 4380 AGAR DR                           |             |                                                     |             | 06,                                                          | /25/98          | 12:55:1             | .5 1                                        | 87C9                                                | 8563                           |
| 1           | RICHMOND BC V7B 1A3                    |             |                                                     | •           | SAFE PE                                                      |                 | SHEP VIA / EXPEDIEN |                                             |                                                     |                                |
|             |                                        |             |                                                     |             |                                                              | /25/98          | PICK UP             |                                             |                                                     |                                |
|             |                                        | 87          | to a section                                        |             | INSTRUCTA                                                    | DNE SPECIALES   | 1                   | т 30                                        |                                                     |                                |
|             | NCOUVER INTL A/P<br>CHMOND, BC V7B 1C1 |             | <b>47</b> 5 a                                       |             |                                                              |                 |                     |                                             |                                                     |                                |
| -X 24       |                                        |             | 87C9                                                | 8563        |                                                              |                 |                     |                                             |                                                     |                                |
| <b>Daex</b> | PACIFIC AERO TECH INC                  |             |                                                     |             | ECH DE CO                                                    | ORDER NO.       | S-800               | MEH NO.                                     | TAX EXEMPT<br>EXEMPT DE TAX                         | BALESMAN NO.                   |
| DIER        | 4380 AGAR DR<br>RICHMOND BC V7B 1A3    |             | •                                                   |             | A21                                                          | 16              |                     | 3581200                                     | NO                                                  | 2024                           |
| <u> </u>    | CANADA .                               |             |                                                     |             |                                                              | No 1 1          | 5 5 2               |                                             |                                                     |                                |
|             | FACTURE/INVOI                          |             |                                                     |             |                                                              | <u>-</u>        |                     | unit énici                                  | ·····                                               | -                              |
| 00E         | PART NUMBER<br>M* DE MBCE              | STEASTS.    |                                                     | CHAMIDLE    | SON ME.                                                      | DESC            | APTION              | UNIT FRICE<br>EACH<br>PRIX UNITAR<br>CHADUE | RE .                                                | EXTENDED PRICE<br>PRIX REPORTS |
| Q           | LWSA601                                |             | PK                                                  | 10          | 10                                                           | 6CELL           | T.AMP               | 2.0                                         | )50                                                 | .00                            |
| 5           | MS28778-2 643/7                        | (10)        | EA                                                  | 10          |                                                              | O RING          |                     | 1.1                                         |                                                     | 11.30                          |
| L           | TY24M                                  |             | PK                                                  | 1           | 1                                                            | 1000 T          | YRAP                | 44.7                                        | 780                                                 | .00                            |
| L.          | TY25M 4076                             | (2)         | PK                                                  | 1           |                                                              | 1000 1          | YRAP                | 57.7                                        | 720                                                 | 57.72                          |
| 8           | MS21061L06                             |             | HU                                                  | 30          | 30                                                           | NUT             |                     | .4                                          | 801                                                 | .00                            |
| 8           | MS21061L08 WOW7                        | <b>(35)</b> | ни                                                  | 25          |                                                              | NUT             |                     | .4                                          | 146                                                 | 11.15                          |
| 8           | MS21069L06                             |             | HU                                                  | 100         | 100                                                          | NUT             |                     |                                             | 256                                                 | .00                            |
|             |                                        | <b>6</b> 0  | RU                                                  | 50          |                                                              | דטמ+++          | ?                   | .:                                          | 211                                                 | 10.5                           |
|             | MS21069L08 L1076                       |             |                                                     |             |                                                              | 1               |                     | 1                                           | -10                                                 | 45.2                           |
| 8           | MS21069L08 LD76<br>EC1300LQT           | 12          |                                                     | 2           |                                                              | ADHESI          | VE                  | 22.6                                        |                                                     |                                |
| 8           | ì                                      | 2 (2)       |                                                     | 2 2         |                                                              | ADHESI<br>OLIVE |                     | 22.6<br>01 3<br>19.6<br>01 3                | UN113                                               | 3<br>39.3                      |
| 8           | EC1300LQT                              | 12          |                                                     |             |                                                              |                 |                     | 01 3<br>19.6                                | UNI 133                                             | 3<br>39.3                      |
| 8<br>2<br>2 | EC1300LQT EC1357QT XXXXXX              | 2           | ATERIALS DI<br>PANGPORTI<br>BAUK S'ANI<br>-APPROBAS | 2           | WERE ACQUIR<br>YAN MININGER<br>YESSEIS ON!<br>UR DU CERSARY  | OLIVE           | ADHS                | 01 3<br>19.6<br>01 3                        | UNI 133                                             | 39.3                           |
| 8<br>2<br>2 | EC1300LQT<br>EC1357QT                  | 2           | ATERIALS DI<br>TAMBORTI<br>MALIX STAVI<br>APPROGAT  | 2           | WERE ACQUIR<br>DVAL MIRMOER,<br>DESASUS ONT<br>UM DU DEPARTM | OLIVE           | ADHS                | 01 3<br>19.6<br>01 3                        | UN 133<br>570<br>UN 133<br>EEN GRANTED<br>TE RECUE. | 39.3                           |

### SKANDIA FLAMMABILITY PICKING LIST FOR TEST CUSHION FABRICATION MATERIALS

9-22-98 40

| RIAL/SIZE                                            | QUANTITY                                | LOT 1    | PICKED BY                  | INSP. BY      | MATERIAL/SIZE                                            | <u>QUANTITY</u> | LOT #   | PICKED BY   | INSP. BY    |
|------------------------------------------------------|-----------------------------------------|----------|----------------------------|---------------|----------------------------------------------------------|-----------------|---------|-------------|-------------|
| DAX BURN BLOCK BACKS DAX 251.0X25 DAX 25 1 X 18 X 25 |                                         |          |                            |               | DAX BURN BLOCK BOTTOMS DAX252.0X20 DAX 25 2" X 18" X 20" |                 |         |             |             |
| DAX 26.5X25<br>DAX 26 .5" X 18" X 25"                |                                         |          |                            | $\overline{}$ | DAX 26.5X20<br>DAX 26.5" X 18" X 20"                     |                 |         |             |             |
| DAX 26.75X25<br>DAX 26 .75" X 18" X 25"              | 6                                       | 0921     | 8-2VC                      | 2             | DAX26.75X20<br>DAX 26 .75 X 18 X 20 P                    |                 |         |             |             |
| DAX 261.0X25<br>DAX 1" X 18" X 25"                   |                                         | -        |                            | $\overline{}$ | DAX261.0X20<br>DAX 26 1" X 18" x 20"                     | <del></del>     |         |             |             |
| DAX 26 W/SCRIM<br>1.5" X 18" X 25"                   | 3                                       |          | vc                         |               | DAX261.75X20<br>DAX 26 1.75* X 18* X 20*                 | 6               | O 9088- | ZVC         |             |
| DAX 47 .5" X 18" X 25"                               |                                         |          |                            | · .           | DAX262.0X20<br>DAX 26 2" X 18" X 20"                     |                 |         |             |             |
| DAX 47 .75" X 18" X 25"                              |                                         |          |                            |               | DAX 26 W/SCRIM<br>.5" X 18" 20"                          | _3              |         | vc          | 2           |
| 47 W/SCRIM<br>X 18" X 25"                            |                                         |          |                            |               | DAX 47 .5" X 18" X 20"                                   |                 |         |             |             |
| DAX 55 .5" X 18" X 25"                               |                                         |          |                            | <del></del>   | DAX 47 .75" X 18" X 20"                                  |                 |         |             |             |
| DAX 55 .75" X 18" X 25"                              |                                         |          |                            |               | DAX 47 1 X 18 X 20 H                                     |                 |         |             | <del></del> |
| DAX 55 1" X 18" X 25"                                |                                         |          |                            |               | DAX 47 2" X 18" X 20"                                    |                 |         | <del></del> |             |
| DAX 55 W/SCRIM<br> 5" X 18" X 25"                    |                                         |          |                            |               | DAX 47 W/SCRIM<br>.5" X 18" X 20"                        |                 |         |             |             |
| 1                                                    |                                         |          | -                          |               | DAX 55 .5" X 18" X 20"                                   |                 |         |             |             |
| ADDITIONAL FABRICATING                               | MATERIALS                               |          |                            |               | DAX 55 .75" X 18" X 20"                                  |                 |         |             | <u></u>     |
| SKANDIA NOMEX BATTING                                |                                         |          | _                          | <del>,</del>  | DAX 55 1" X 18" X 20"                                    |                 |         | <del></del> |             |
| SKANDIA MUSLIN                                       |                                         |          |                            |               | DAX 55 2" X 18" X 20"                                    |                 |         |             |             |
| ROYALITE                                             |                                         |          |                            |               | DAX 55 W/SCRIM<br>.5" X 18" X 20 "                       |                 |         |             |             |
| ROYALITE  .093" X 18" X 20"  69 NYLON THREAD         | X                                       | <u> </u> | 10                         | 2             | OTHER 3M 1357 HIGH PERFORMANCE CONTACT ADHESIVE          | X               |         | VC          | D           |
| .30                                                  | *************************************** |          |                            |               |                                                          |                 |         |             |             |
| 1EST PLAN # 3618                                     | _                                       | SKANDIA  | <b>101</b> <u>24077-98</u> | TE            | ST PLAN PREPARED BY: JUDY BO                             | GGS             |         |             |             |

5181 Falcon Road • Rockford, Illinois 61109 • Phone 815/227-1611 • Fax 815/227-1920

Client:

**DOUGLASS INTERIOR PRODUCTS** 

2000 - 124TH AVENUE NE

**BELLEVUE WA 98005** 

11703

WO #:

22662-98

Date:

07/23/98

Test Plan #:

PO #:

11333

Aircraft:

**STOCK** 

S/N:

NA

## VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

07/22/98

11:00AM

Time Out: 07/23/98

11:45AM

Specimen Desc.:

DOUGLASS INTERIOR PRODUCTS: LEATHER, LL3825, BOWMORE, D/L 17742, REF

#11288

| Flame Application (seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------|----------------------------|----------------------------|------------------------|
| 12                          | 0.0                        | 0.4                        | 0.0                    |
| 12                          | 0.0                        | 0.5                        | 0.0                    |
| 12                          | 0.0                        | 0.7                        | 0.0                    |
| Average:                    | 0.0                        | 0.5                        | 0.0                    |

#### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed:

X

Failed:

Signed:

Judy Roggs

# U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE

07/23/98

|                                                                                                                     |                                                                                                                                         | RCRAFT COMPONENT IDENTIF                                                                                                                              |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| KE.                                                                                                                 | 1                                                                                                                                       | TYPE (Airplane, Radio, Helicopter, etc.)                                                                                                              | NAME OF APPLICANT Skandia, Inc.                                                                                   |
| STOCK<br>NA                                                                                                         | N/A                                                                                                                                     | N/A                                                                                                                                                   | DOUGLASS INTERIOR PRODUCTS                                                                                        |
| NA .                                                                                                                |                                                                                                                                         | LIST OF DATA                                                                                                                                          |                                                                                                                   |
| IDENTIFICATION                                                                                                      |                                                                                                                                         | TITLE                                                                                                                                                 |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
| Work Order #                                                                                                        | DOUGLASS INT                                                                                                                            | TERIOR PRODUCTS: LEATHE                                                                                                                               | R, LL3825, BOWMORE, D/L 17742                                                                                     |
| 22662-98                                                                                                            | `                                                                                                                                       |                                                                                                                                                       |                                                                                                                   |
| Test ID 10412                                                                                                       |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       | -                                                                                                                 |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
| •                                                                                                                   |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
| t .                                                                                                                 |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
|                                                                                                                     |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
| UPPOSE OF DATA                                                                                                      |                                                                                                                                         |                                                                                                                                                       |                                                                                                                   |
| •                                                                                                                   |                                                                                                                                         | UNATEDIAL ELAMMARILIT                                                                                                                                 | V REQUIREMENTS                                                                                                    |
| · · · · · ·                                                                                                         | F COMPLIANCE WITH                                                                                                                       | H MATERIAL FLAMMABILIT                                                                                                                                | Y REQUIREMENTS                                                                                                    |
| DEMONSTRATION O                                                                                                     |                                                                                                                                         |                                                                                                                                                       | Y REQUIREMENTS                                                                                                    |
| DEMONSTRATION O                                                                                                     | ITS (List specific sections,                                                                                                            |                                                                                                                                                       | Y REQUIREMENTS                                                                                                    |
| DEMONSTRATION O                                                                                                     | ITS (List specific sections,                                                                                                            |                                                                                                                                                       | Y REQUIREMENTS                                                                                                    |
| DEMONSTRATION O                                                                                                     | ITS (List specific sections,                                                                                                            |                                                                                                                                                       | Y REQUIREMENTS                                                                                                    |
| DEMONSTRATION O                                                                                                     | its (List specific sections)<br>dix F Part I (a) (1) (ii)                                                                               |                                                                                                                                                       |                                                                                                                   |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)                                                                                                               | ction of the Administrator and in a                                                                                                                   | occordance with conditions and limitation                                                                         |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)                                                                                                               | ction of the Administrator and in a                                                                                                                   | ecordance with conditions and limitation                                                                          |
| DEMONSTRATION O  APPLICABLE REQUIREMEN  FAR 25.853 (a) Append  CERTIFICATION - Under of appointment under Part      | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation have been examined in a                               | ction of the Administrator and in a<br>tion Regulations, data listed abov<br>accordance with established proce                                        | occordance with conditions and limitation                                                                         |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation Regulations.                                          | ction of the Administrator and in a<br>tion Regulations, data listed abov<br>accordance with established proce                                        | ecordance with conditions and limitation                                                                          |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation have been examined in a                               | ction of the Administrator and in a<br>tion Regulations, data listed abov<br>accordance with established proce                                        | ecordance with conditions and limitation and on attached sheets numbereddures and found to comply with applicab   |
| FAR 25.853 (a) Append  CERTIFICATION - Under of appointment under Part  requirements of the Feder  I (We) Therefore | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation Regulations. Recommend approval of Approve these data | ction of the Administrator and in a<br>tion Regulations, data listed abov<br>accordance with established proce<br>these data                          | ecordance with conditions and limitation and on attached sheets numbered dures and found to comply with applicab  |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation Regulations. Recommend approval of Approve these data | ction of the Administrator and in a tion Regulations, data listed above accordance with established proce these data  SENTATIVE(S)   DESIGNATION NUMB | eccordance with conditions and limitation and on attached sheets numbered dures and found to comply with applicab |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation Regulations. Recommend approval of Approve these data | ction of the Administrator and in a<br>tion Regulations, data listed abov<br>accordance with established proce<br>these data                          | ecordance with conditions and limitation and on attached sheets numbered dures and found to comply with applicab  |
| DEMONSTRATION O                                                                                                     | dix F Part I (a) (1) (ii)  authority vested by direct 183 of the Federal Aviation Regulations. Recommend approval of Approve these data | ction of the Administrator and in a tion Regulations, data listed above accordance with established proce these data  SENTATIVE(S)   DESIGNATION NUMB | eccordance with conditions and limitation and on attached sheets numbered dures and found to comply with applicab |

5181 Falcon Road • Rockford, Illinois 61109 • Phone 815/227-1611 • Fax 815/227-1920

Client:

**DOUGLASS INTERIOR PRODUCTS** 

2000 - 124TH AVENUE NE

**BELLEVUE WA 98005** 

10,120g

WO #:

21617-98

Date:

06/22/98

Test Plan #:

PO #:

11248

Aircraft:

STOCK

S/N:

NA

## VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In:

06/19/98

Time Out: 06/22/98

Specimen Desc.:

DOUGLASS INTERIOR PRODUCTS: SHEEPSKIN, PEPPER, D/L 11228, REF.#04704

| Flame Application (seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------|----------------------------|----------------------------|------------------------|
| 12                          | 0.0                        | 0.2                        | 0.0                    |
| 12                          | 1.1                        | 0.2                        | 0.0                    |
| 12                          | 1.3                        | 0.0                        | 0.0                    |
| Average:                    | 0.8                        | 0.1                        | 0.0                    |

#### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Failed: Passed: Signed:

Tim Theden

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

| 41  | ככו | 1434  |
|-----|-----|-------|
| 11/ |     | / 4 7 |
|     |     |       |

DATE

|                                                          | AIRCRAFT OR                                     |                                   | MPONENT IDENTIF        |                                                                          |
|----------------------------------------------------------|-------------------------------------------------|-----------------------------------|------------------------|--------------------------------------------------------------------------|
| MAKE<br>STOCK                                            | MODEL NO.<br>N/A                                | TYPE (Airplan                     | ne, Radio, Helicopter, | NAME OF APPLICANT Skandia, Inc.                                          |
| NA                                                       |                                                 | N/A                               |                        | DOUGLASS INTERIOR PRODUCTS                                               |
|                                                          |                                                 | LIST OF                           |                        |                                                                          |
| IDENTIFICATION                                           |                                                 | <u> </u>                          | TITLE                  | -                                                                        |
| Work Order # 21617-98 Test ID 9819                       | DOUGLASS I                                      |                                   |                        | SKIN, PEPPER, D/L 11228                                                  |
|                                                          |                                                 | No.                               |                        |                                                                          |
|                                                          |                                                 |                                   |                        |                                                                          |
| PURPOSE OF DATA                                          |                                                 |                                   |                        |                                                                          |
| DEMONSTRATION O                                          | F COMPLIANCE W                                  | ITH MATERI                        | IAL FLAMMABILIT        | Y REQUIREMENTS                                                           |
| APPLICABLE REQUIREMENT                                   | e // let enecille section                       | <b>a</b> )                        |                        |                                                                          |
| FAR 25.853 (a) Append                                    |                                                 |                                   |                        |                                                                          |
| of appointment under Part 1  requirements of the Federal | 83 of the Federal Avia<br>save been examined in | ation Regulation<br>accordance wi | ns, data listed above  | cordance with conditions and limitations and on attached sheets numbered |
| SIGNATURE(S) OF DESIGNATE                                | d engine ering repre                            | SENTATIVE(S)                      | DESIGNATION NUMBE      |                                                                          |
| 1-1-                                                     | Tal                                             |                                   | СНІ-216                | Structural Special                                                       |
| Tim Theden                                               |                                                 | ,                                 | 1                      |                                                                          |
|                                                          | ••                                              |                                   |                        |                                                                          |

If we can be of further assistance, please let us know.

GRN 11759 980198-1 92293



# DOUGLASS INTERIOR PRODUCTS, INC. 2000-124<sup>TH</sup> AVENUE N.E. BELLEVUE, WA 98005

TELEPHONE NO: 425-455-2120

1-800-722-7272 FAX NO: 425-451-4779

| To:     | Ken     | - Pacific Aerotech   |                    | From:      | Laura Liles           |                         |
|---------|---------|----------------------|--------------------|------------|-----------------------|-------------------------|
| Fax:    | 604-    | 273-4661             |                    | Pages      | 3                     |                         |
| Phone   |         |                      |                    | Dute:      | 09/04/98              |                         |
| Re:     | Bum     | Tests for Finesse    | J1DE Gelato        | CC:        |                       |                         |
| بورات 🗅 | ent     | X For Review         | □ Please Co        | mment      | □ Piesse Reply        | ☐ Please Recycle        |
| Per you | ır regu | est, here are the bo | ım tests for the F | inesse-J1I | DE Gelato fabric orde | ered on your P.O. #A229 |

Regards,

Laura Liles Customer Service

SKANDIA

8152271928



5181 Falcon Road + Rockford, Illinois 61109 + Phone 815/227-1611 + Fax 815/227-1920

Client:

MAJILITE CORP 1530 BROADWAY RD. DRACUT MA 01826

WO #:

23859-98

Date:

08/27/98

Test Plan #:

PO #:

98-1436

Aircraft:

STOCK

S/N:

NA

## VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

Conditioning Room: Time In: 08/26/98

9:00AM

Time Out: 08/27/98

9:45AM

Specimen Desc.:

MAJILITE CORPORATION: NOVASUEDE, T3D7W, GELATO, D/L 98-1436

| Flame<br>Application<br>(seconds) | Flame<br>Time<br>(seconds) | Burn<br>Length<br>(inches) | Drippings<br>(seconds) |
|-----------------------------------|----------------------------|----------------------------|------------------------|
| 12                                | 0.0                        | 3.8                        | 0.0                    |
| 12                                | 0.0                        | 4.2                        | 0.0                    |
| 12                                | 0.0                        | 3.7                        | 0.0                    |
| Average:                          | 0.0                        | 3.9                        | 0.0                    |

#### Comments:

Vertical (12 sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

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| D | - | 10 | _ |  |
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Pailed

VERT12NW-11892

PAGE 03 4002/002 P.03/03

8152271928

| -                        | US BEFARTMENT OF TRA<br>FEDERAL MINISTON ADM<br>FLIANCE WITH THE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ALPHA TEACHER  | VIATION REGULAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | OS/27/98              |
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| TATEMENT OF COM          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | MPOHENT IDENTIFIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                       |
| STOCK                    | MOSEL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TYPE (Almie    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | HAME OF APPLICANT |                       |
| NA                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MARLITE CO        | W                     |
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| HOLLYSLALENSON           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                       |
| Work Order #<br>23859-98 | MAJELITE CO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | RPORATION      | : NOVASUEDE, T3D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ITW, CELAT        | O, D/L 98-1436        |
| Test ID 10999            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                       |
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| PPLICABLE REQUIREME      | NTS (List specific sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ,              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                       |
| FAR 25.853 (a) Appe      | max F Part I (a) (1) (ii)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                 |                       |
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| CERTIFICATION - Unde     | r susherity vented by dire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | caios of the A | dminintrator and in acco                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ercancy with a    | endicions and limital |
| of appointment ender Far | 193 of the Federal Avia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | tion Hegalatie | ong, data Marce above a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | es and found      | e comply with applie  |
| mentionments of the Fede | eni Aviasion Regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SECONDUMES WI  | on sectorisment branches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                       |
|                          | Recommend approval of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                       |
| (Wa) Therefore           | Appears these data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | 7                     |
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| - Lucy                   | 0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | THE STATE OF THE S |                   |                       |
| Judy Boggs               | The state of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                       |

1

|                                  | anization ft Belts, Inc. 2000 Ande                                                         | AIRW(<br>U. :<br>Fede         | FORM 8 ORTHINESS APPR B. Department of Transport oral Aviation Administ or 77565 U.S.A. | OVAL TA            | ·                              | 5. Work Order, Contract, or Invoice Number: 28920                                                                             |
|----------------------------------|--------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 6.                               | 7.                                                                                         | 8.                            | S                                                                                       | 10.                | T 11.                          | 12.                                                                                                                           |
| Item                             | Description                                                                                | Part Number                   | Eligibility *                                                                           | Quantity           | Serial/Batch Number            | Status/Work                                                                                                                   |
| 1.                               | STANDARD LAP BELT                                                                          | N163                          | TSO ARTICLE N/A                                                                         | 2                  | NONE                           | REPAIRED                                                                                                                      |
| 2.                               | STANDARD LAP BELT                                                                          | G6570                         | TSO ARTICLE N/A                                                                         | 1                  | NONE                           | REPAIRED                                                                                                                      |
| 3.                               | STANDARD LAP BELT                                                                          | G6570                         | TSO ARTICLE N/A                                                                         | 5                  | NONE                           | REPAIRED                                                                                                                      |
| 4.                               | EXTENSION BELT                                                                             | ם ו                           | TSO ARTICLE N/A                                                                         | 1                  | NONE                           | REPAIRED                                                                                                                      |
| REPAI                            | LS OF THIS REPAIR ARE<br>R STATION YB1R632K<br>I life parts must be acce                   |                               |                                                                                         |                    | e/total cycles/time s          | ince new.                                                                                                                     |
|                                  | lew []                                                                                     |                               | ance mosery moraumy                                                                     |                    |                                | · · · · · · · · · · · · · · · · · · ·                                                                                         |
| Certifies of block 13 airworthin | ewly Overhauled []<br>that the new or newly overhauled<br>was (were) manufactured in accor | rdance with FAA approved des  | sign date and                                                                           | Certifies the      | at the work specified in block | ordance with FAR 43.9  13 (or attached) above was carried out in egulations and in respect to the work for return to service. |
| met.                             | case or parts to be exported, the                                                          | e special requirements of the | r Imporung country nave been                                                            |                    |                                |                                                                                                                               |
| 15. Sign.                        | ature                                                                                      | 16. FAA Authorization         | n No.:                                                                                  | 20. Author<br>Mart | rized Signature:               | 21. Certificate Number:<br>YB1R632K                                                                                           |
| 17. Nam                          | e (Typed or Printed):                                                                      | 18. Date:                     |                                                                                         | 22. Name           | (Typed or Printed):            | 23: Date:                                                                                                                     |
|                                  |                                                                                            |                               |                                                                                         | mand               | · hadna ·                      | 8-74-98                                                                                                                       |

Computed Generated FAA Form 8130-3

<sup>\* (</sup>Optional) Installer must cross check eligibility with applicable technical data.

| 1.<br>United<br>States                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AIRW(                              | DRTHINESS APPRO                         | DVAL TA  |                                                                                       | 3. System Tracking Re<br>28920                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------|----------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AIRWORTHINESS APPROVAL TAG  U. S. Department of Transportation Federal Aviation Administration  5. Work Order, Contract, or Invoice Number: 28920  Aircraft Belts, Inc. 2000 Anders Ln., Kemsh, Texas 77565 U.S.A.  6. 7. 8. 1. 12. Serial/Batch Number  5. SHOULDER HARNESS N/A TEV BY 2 NONE REPAIRED  6. CREW ASSEMBLY PSO1 TSO ARTICLE N/A TEV BY NONE REPAIRED  7. SHOULDER HARNESS N/A TEV BY NONE REPAIRED  7. SHOULDER HARNESS N/A TEV BY NONE REPAIRED  7. SHOULDER HARNESS N/A TEV BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO ARTICLE N/A TEV BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO ARTICLE N/A TEV BY NONE REPAIRED  9. NONE REPAIRED  9. NONE REPAIRED  13. Remarks  DETAILS OF THIS REPAIR ARE ON FILE REFERENCING WORK ORDER#  28920  REPAIR STATION YB1R632K  Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.  14. New (1)  Newly Overhauled [1]  19. Return to Service in Accordance with FAR 43.9  Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 (or attached) above was certied out in accordance with FAA arworthness regulations and in respect to the work performed the part(s) is (are) approved for return to service.  Certifies that the work specified in block 13 (or attached) above was certied out in accordance with FAA arworthness regulations and in respect to the work performed the part(s) is (are) approved for return to service.  Certifies that the work specified in block 13 (or attached) above was certied out in accordance with FAA arworthness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |                                    |                                         |          |                                                                                       |                                                                                                                       |
| 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | = =                                |                                         |          | 1                                                                                     | 1                                                                                                                     |
| 5.<br>6.<br>7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SHOULDER HARNESS CREW ASSEMBLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A<br>PS01                        | TBV BY INSTALLER TSO ARTICLE N/A TBV BY | 5        | NONE<br>NONE                                                                          | REPAIRED<br>REPAIRED                                                                                                  |
| REPAI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | R STATION YB1R632K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | •                                  |                                         |          | ne/total cycles/time s                                                                | ince new.                                                                                                             |
| 14. N<br>Certifies<br>block 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | lew []<br>lewly Overhauled []<br>that the new or newly overhaule<br>was (were) manufactured in acco                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | d<br>part(s) identified above, exc | cept as otherwise specified in          | 19. Retu | urn to Service in Acc<br>at the work specified in block<br>a with FAA airworthiness i | c <b>ordance with FAR 43.9</b><br>13 (or attached) above was carried out in<br>regulations and in respect to the work |
| States  FAA FORM 8130-3  AIRWORTHINESS APPROVAL TAB  U. S. Department of Transportation Federal Aviation Administration  5. Work Order, Contract, or Invoice Number: 28920  Aircraft Belts, Inc. 2000 Anders Ln., Kemah, Texas 77565 U.S.A.  8. Part Number Eligibility Ountity Berlal/Batch Number Status/Work  5. SHOULDER HARNESS NA ITSV BY NONE REPAIRED REPAIRED  6. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  7. SHOULDER HARNESS N/A ITSV BY NONE REPAIRED  7. SHOULDER HARNESS N/A ITSV BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY NONE REPAIRED  8. CREW ASSEMBLY PSO1 TSO AFFICLE N/A TBY BY B |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                         |          |                                                                                       |                                                                                                                       |
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| 17. Nan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ne (Typed or Printed):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 18. Date:                          | <u> </u>                                |          |                                                                                       |                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                         | mant     | tio menoir                                                                            | 8-24-98                                                                                                               |

Computed Generated FAA Form 8130-3

\* [Optional] Installer must cross check eligibility with applicable technical data.

FAA Forms 8130-3

# Airworthiness Approval Tag

# User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

# AIRCRAFT BELTS, INC. MAINTENANCE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

IF ANY OF THE FOLLOWING CONDITIONS ARE CHECKED 'YES' YOU SHOULD RETURN YOUR BELTS FOR REPAIR IMMEDIATELY.

[FRAYED] WHEN INDIVIDUAL STRANDS OF YARN BEGIN TO UNRAVEL

WEBBING YES NO

|                                  | (TORN) WHEN STRANDS BECOME SEVERED  (FADING) WHEN UNCOVERED AREAS OF WEBBING DIFFER FROM  COVERED AREAS BY 2 SHADES. USE GRAY SCALE FOR EVALUATING STAINING.                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TO OBTAIN A G                    | GRAY SCALE, WRITE TO: AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS P.O. BOX 12215 RESEARCH TRIANGLE PARK, N.C. 27709 USA                                                                                                                                                                                                                                                                                                                                              |
| WEBBING SH                       | OULD BE CLEANED WITH A MILD LAUNDRY DETERGENT ONLY. USE COLD WATER<br>AND DO NOT HEAT TO DRY, AIR DRY ONLY.                                                                                                                                                                                                                                                                                                                                                                     |
| HARDWARE YES NO  STITCHES YES NO | (HOOK ENDRITTINGS OR BOLT ON ENDRITTINGS] BENT, INOPERABLE SPRINGS, CLIPS, OR LATCHES; BOLT HOLES WORN OPEN; CORROSION OR RUS (BUCKLE & CONNECTOR) INOPERATIONAL; BUCKLE LID OR CONNECTOR BENT; DIFFICULT TO ADJUST; BUCKLE SHOWS DEFORMITY; RUST OR CORROSION  BROKEN OR MISSING STITCHES SEVERE FADING OR DISCOLORING (MORE THAN TWO SHADES) INCONSISTENT STITCH PATTERN (MAY INDICATE AN ALTERING OF ASSEMBLY BY UNATHORIZED, UNQUALIFIED PERSONS, IT IS ILLEGAL AND UNSAFE) |
| TSO TAGS YES NO                  | TSO TAGS ARE MISSING OR ILLEGIBLE DATE ON TSO TAG AGING THE BELTS AT 10 YEARS OR MORE (MAYBE UNSAFE)                                                                                                                                                                                                                                                                                                                                                                            |
| THE CONDITIONS                   | S AND TEST DEDITION FOR TSO ADDROVAL OF THIS APTICLE ARE MINIMALIA DEDECTOMANIC                                                                                                                                                                                                                                                                                                                                                                                                 |

THE CONDITIONS AND TEST REQUIRED FOR TSO APPROVAL OF THIS ARTICLE ARE MINIMUM PERFORMANCE STANDARDS. IT IS THE RESPONSIBILITY OF THOSE DESIRING TO INSTALL THE ARTICLE EITHER ON OR WITHIN A SPECIFIC TYPE OR CLASS OF AIRCRAFT TO DETREMINE THAT THE AIRCRAFT INSTALLATION CONDITIONS ARE WITHIN THE TSO STANDARDS. IF NOT WITHIN THE TSO STANDARDS, THE ARTICLE MAY BE INSTALLED ONLY IF FURTHER EVALUATION BY THE APPLICANT DOCUMENTS AN ACCEPTABLE INSTALLATION AND IS APPROVED BY THE ADDMINISTRATOR.

# AIRCRAFT BELTS, INC. OPERATING INSTRUCTIONS AND LIMITATIONS

This restraint system is to be used as a single-occupant aircraft restraint system only.

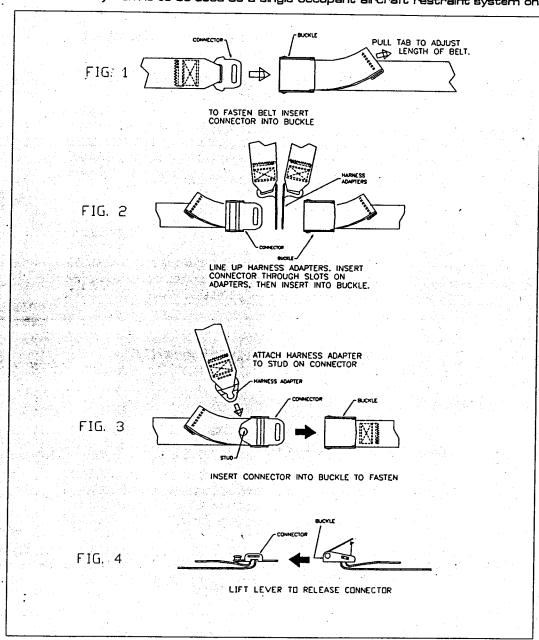


Fig. 1 shows a standard pelvic restraint [lap restraint]

Fig. 2 shows a Torso Restraint System with Dual Shoulder belts

Fig. 3 shows a Torso Restraint System with Single shoulder belts

Fig. 4 shows a Buckle releasing the Connector.

Note: Per section 6 of SAE AS 8043 the restraint structural components shall withstand the following forces:

Pelvic Restraint: 3000 lbs.

| Date: June 26, 2001     | AEROMOD ENGINEERING                                  | Report No: ROI-R1       |             |
|-------------------------|------------------------------------------------------|-------------------------|-------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>westwind1124A | Page: 0-4   |
| Checked By: M. Kouchak  | Table of contents                                    | Reference Dwg.          | No:ROI-1835 |

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| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-RI       |             |
|-------------------------|------------------------------------------------------|-------------------------|-------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>westwind1124A | Page: 0-5   |
| Checked By: M. Kouchak  | Reference                                            | Reference Dwg.          | No:ROI-1835 |

## References

1) MIL-HDBK-5F Metallic Materials and Elements for Aerospace Vehicle

Structure

2) Car 4b Civil Aeronautical Regulations

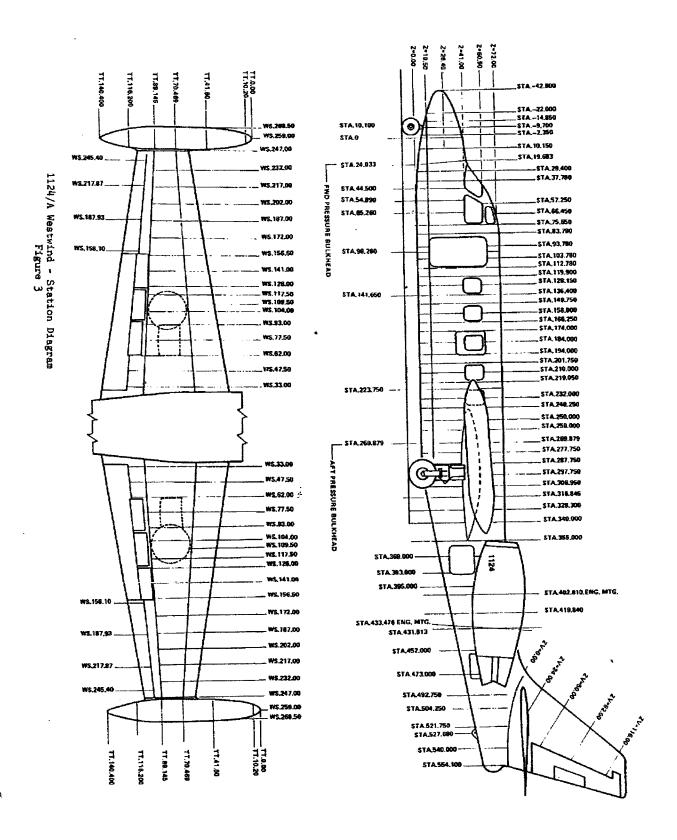
3) E.F.Bruhn Analysis & Design of Flight Vehicle Structures

| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1       |             |
|-------------------------|------------------------------------------------------|-------------------------|-------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>WESTWIND1124A | Page:1-1    |
| Checked By: M. Kouchak  | Summary                                              | Reference Dwg. N        | lo:ROI-1835 |

## **SUMMARY**

This report represents structural substantiation of a repair to frame station 22 web and supporting structure of radar antenna in a westwind aircraft. Drawings are shown on page 1-2 and subsequent. The analysis in section 1-3 will demonstrate that the above repair will meet or exceed the Car 4b regulations.

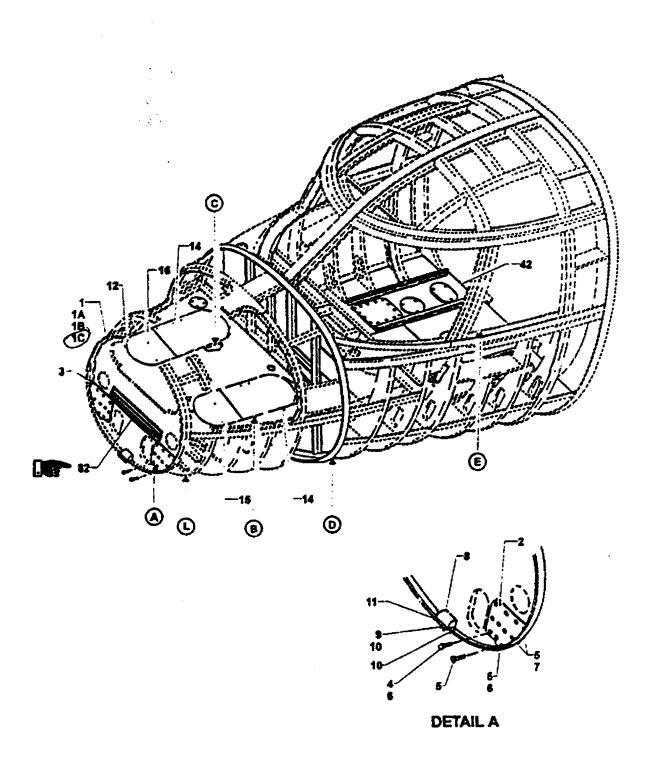
| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1       |            |
|-------------------------|------------------------------------------------------|-------------------------|------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>WESTWIND1124A | Page:1-2   |
| Checked By: M. Kouchak  | Drawing                                              | Reference Dwg. No       | o:ROI-1835 |



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REVISION

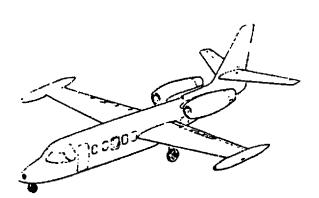
| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1               |
|-------------------------|------------------------------------------------------|---------------------------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model: Page:1-2-1 WESTWIND1124A |
| Checked By: M. Kouchak  | Drawing                                              | Reference Dwg. No:ROI-1835      |

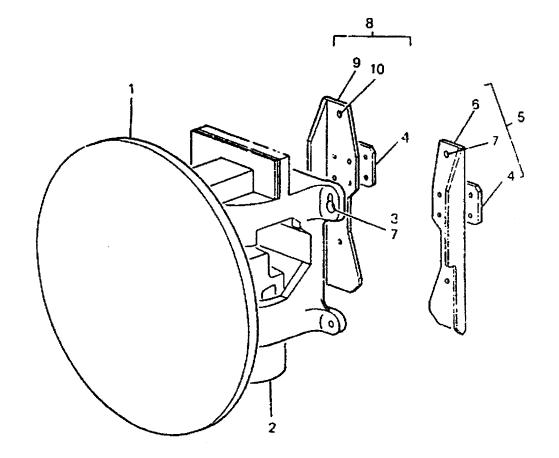


REVISION

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| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1       |             |
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| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>westwind1124A | Page:1-2-2  |
| Checked By: M. Kouchak  | Drawing                                              | Reference Dwg. N        | lo:ROI-1835 |

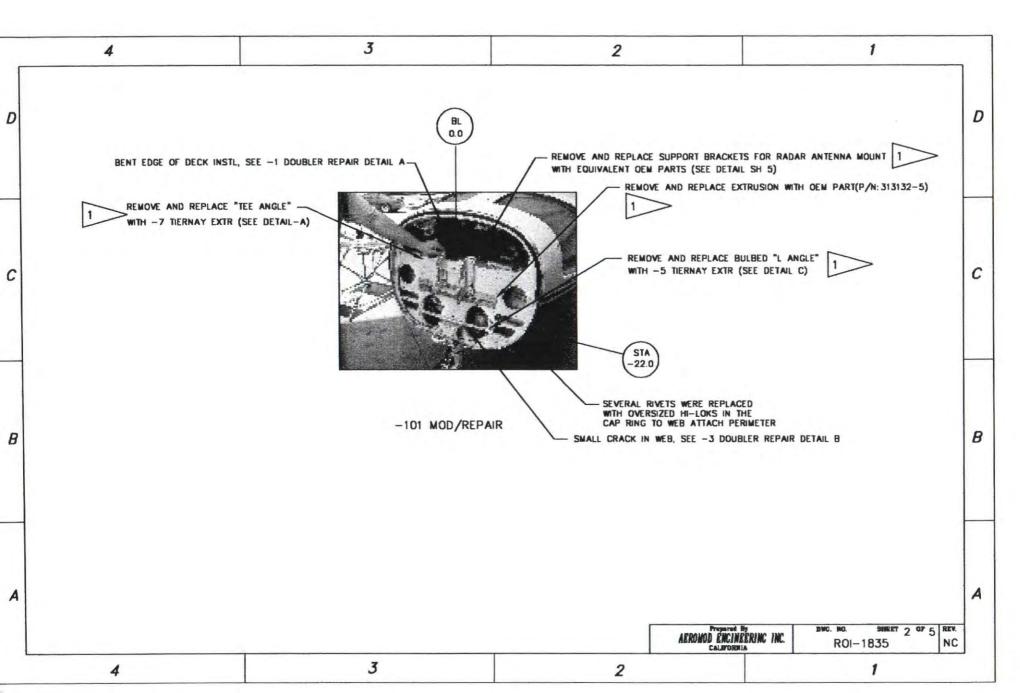




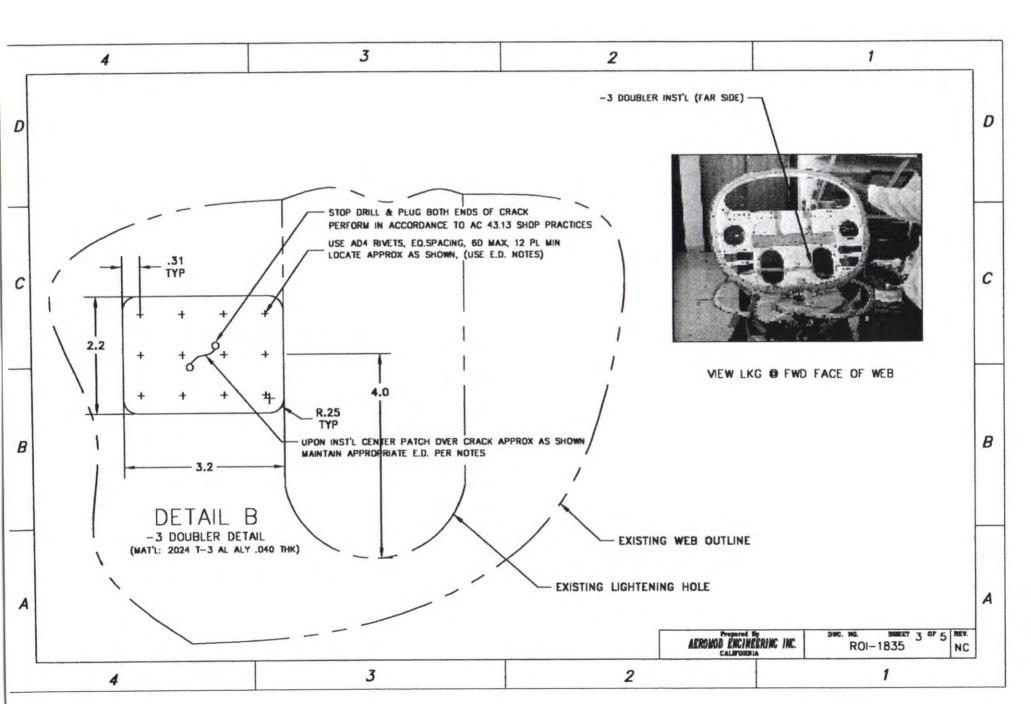
| TEMP I | PG | REVISION |
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3 2 4 REVISIONS APPROVED DESCRIPTION DATE NC INITIAL RELEASE D SHOP PRACTICES PER AC43.13. IDENTIFY PARTS WITH DRAWING NUMBER & DASH NUMBER USING PERMANENT INK AND/OR IMPRESSION STAMP. REMOVE BURRS AND BREAK SHARP EDGES .015 MAX. C FINISH ALL ALUMINUM PARTS AS FOLLOWS: CONVERSION COAT PER JCPS 1.5. EPOXY PRIME PER JCPS 1.6. TORQUE THREADED FASTENERS AS FOLLOWS: 5. TENER DIA TORQUE (In-Lbs) FASTENER DIA .190 ...... 20/30 ..... 65/70 .250 .312 ...... 100/150 FASTENER SUBSTITUTION AS FOLLOWS: SOLID RIVET CHERRY MAX EQUIVALENT MS20426AD ..... CR3212 MS20470AD ..... CR3213 NAS1097AD ..... CR3214 NOT APPLICABLE TO FASTENERS THRU PRESSURE VESSEL. AR HLISPS-5 HI-LOCK B FASTENER EDGE DISTANCE AS FOLLOWS: RIVET HASI097AD4 FASTENER DIA EDGE DISTANCE MS20470AD4 RIVET MS20426AD4 RIVET TEE EXTR 34.0 LG M/T: 80-6300 MERNAY METALS MIN DISTANCE BYWN FASTENER HEAD/WASHER & BEND TANGENT .O.J. M/T: 10135-1003 ANGLE IBO LE MERMAY METALS -5 MIN DISTANCE BYWN FASTENER HEAD/WASHER & ADJACENT STRUCTURE .03. 00-4-250/5 2024 T-3 AL ALY DOUBLER .040 PM X 3 X 2 FASTENER GRIP LENGTHS MAY BE ADJUSTED UP OR DOWN ONE LENGTH. DOUBLER 00-4-250/5 .040 bet x 2 x 15 2024 T-3 AL ALY BOLT/SCREW INSTALLATION HOLES AS FOLLOWS: HOLE SIZE MOD/REPAIR FASTENER DIA .138..... #.149/.143 DESCRIPTION MATERIAL MATL SPEC. INSTL. ITEM .164..... 6.175/.169 LIST OF MATERIAL QTY. REQ. .190..... 6,199/.193 WEB REPAIR AND REPLACEMENT DWG A PICKUP EXISTING FASTENER LOCATION. REMOVE AND REPLACE FASTENER WITH SAME SIZE AND TYPE. -NOTES: UNLESS OTHERWISE SPECIFIED: AERONOS ENCINCERNIC INC ROI-1835 3

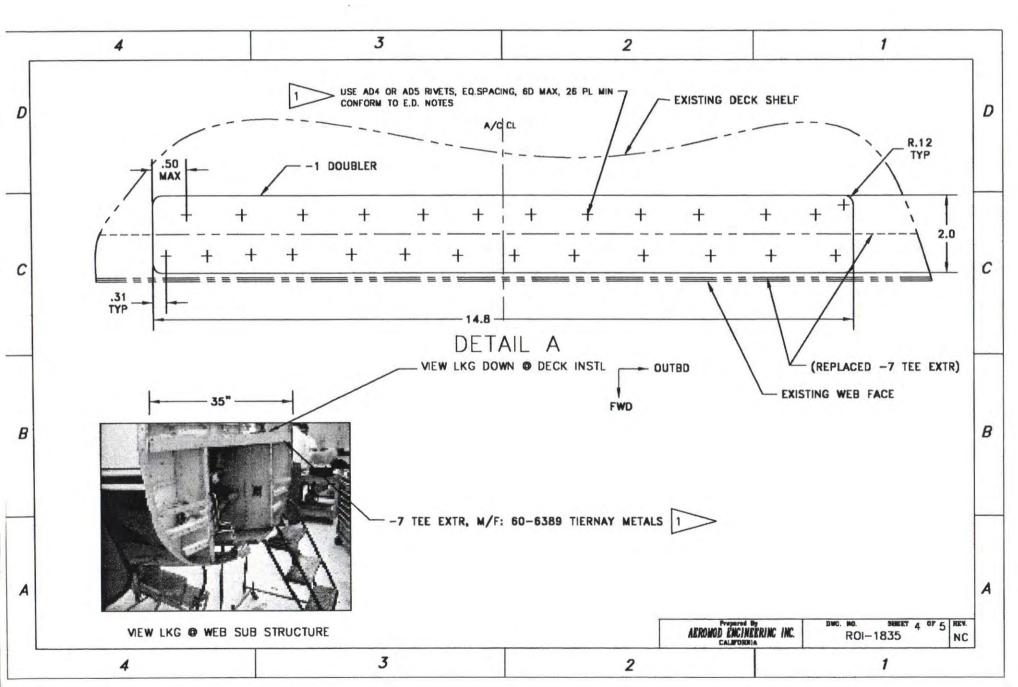
99.1.23



Pass 1.2-4



Pasx 1-2-5



2

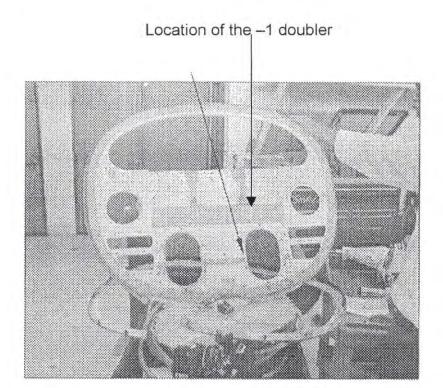
3

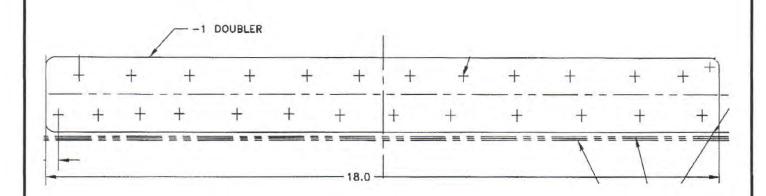
Lange 1-1-1

| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1       |             |
|-------------------------|------------------------------------------------------|-------------------------|-------------|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>WESTWIND1124A | Page:1-3    |
| Checked By: M. Kouchak  | Analysis                                             | Reference Dwg. I        | No:ROI-1835 |

# **ANALYSIS**

Fig.6 shows the location of the -1 doubler, and Fig.7 shows the location of the -3 doubler.



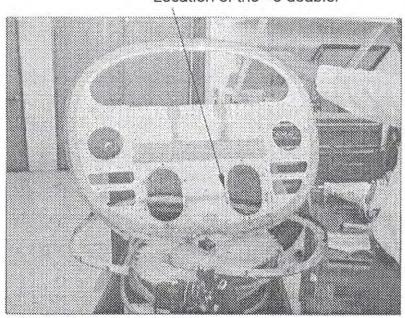


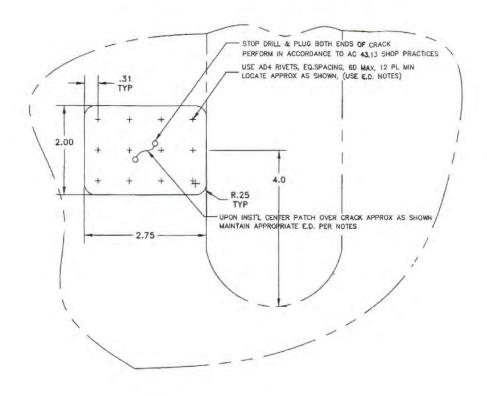
| REVISION |          |
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|          | REVISION |

| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1       |            |  |
|-------------------------|------------------------------------------------------|-------------------------|------------|--|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>westwind1124A | Page:1-3-1 |  |
| Checked By: M. Kouchak  | Analysis                                             | Reference Dwg. No:ROI-1 |            |  |

# ANALYSIS (CONT'D)

## Location of the -3 doubler





| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1          |            |  |
|-------------------------|------------------------------------------------------|----------------------------|------------|--|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model:<br>WESTWIND1124A    | Page:1-3-2 |  |
| Checked By: M. Kouchak  | Analysis                                             | Reference Dwg. No:ROI-1835 |            |  |

## **ANALYSIS OF -1 DOUBLE STRENGTH**

The material of the existing sheet and the added -1 doubler are both 2024-T3 aluminum having an ultimate tensile strength,  $F_{tu}$ , of 63,000 psi.

The thickness of the existing sheet is 0.032", and the added doubler is 0.040".

The approximate crack length is estimated to be 0.5 in.

Estimated crack area  $A_{crack}$  = 0.5 x 0.032

 $= 0.016 \text{ in}^2$ 

Loss of strength due to crack =  $F_{tu} \times A_{crack}$ 

= 63,000 x 0.016

= 1008 lbs

The worst case loading will be for the 9G forward load where 5 20426DD4 rivets are estimated to be in shear.

Rivets shear strength = 531 lbs. Total strength replaced = 531 x 5

= 2655 lbs > 1008 lbs

Bearing strength of the existing sheet is also estimated as follows.

Existing sheet bearing strength = 129,000\*(0.08\*4/16) lbs.

2580

Total strength replaced =  $2580 \times 5$ 

= 12900 lbs > 1008 lbs

Therefore the repair design is deemed adequate.

| TEMP. | PG. | REVISION |  |
|-------|-----|----------|--|

| Date: June 26, 2001     | AEROMOD ENGINEERING INC.                             | Report No: ROI-R1                 |    |  |
|-------------------------|------------------------------------------------------|-----------------------------------|----|--|
| Prepared By: T. Saotome | Aircraft Structural Modification, Design and Testing | Model: Page:1-3-<br>WESTWIND1124A | -3 |  |
| Checked By: M. Kouchak  | Analysis                                             | Reference Dwg. No:ROI-1835        |    |  |

## **ANALYSIS OF -3 DOUBLE STRENGTH**

The material of the existing sheet and the added -3 doubler are both 2024-T3 aluminum having an ultimate tensile strength,  $F_{tu}$ , of 63,000 psi.

The thickness of the existing sheet is 0.032", and the added doubler is 0.040".

The fitting width is 2.0 in, and assumed to be the width which substantiates the bent sheet.

Estimated bent area  $A_{bent}$  = 2.0 x 0.032

= 0.064 in<sup>2</sup>

Loss of strength due to bent =  $F_{tu} \times A_{bent}$ 

= 63,000  $\times$  0.064

= 4032 lbs

The worst case loading will be for the 9G forward load where 13 20426DD4 rivets are estimated to be in shear.

Rivets shear strength = 531 lbs. Total strength replaced = 531 x 13

= 6903 lbs > 4032 lbs

Therefore the repair design is deemed adequate.

| 1.                                                 | · · · · · · · · · · · · · · · · · · ·               | 2.                                                      | EAA EODM 012                          | 10.2               |                               | 2 C        |                                               |  |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|---------------------------------------|--------------------|-------------------------------|------------|-----------------------------------------------|--|
| Uni                                                | ted States                                          | FAA FORM 8130-3 Airworthiness Approval Tag              |                                       |                    |                               |            | em Tracking Ref. No.                          |  |
|                                                    |                                                     |                                                         |                                       |                    | N98438                        |            |                                               |  |
| Federal Aviation Administration                    |                                                     |                                                         |                                       |                    |                               |            |                                               |  |
| 4. Organization ROCKWELL COLLINS, INC.             |                                                     |                                                         |                                       |                    |                               |            | Order, Contract, or Invoice Number:           |  |
| KO                                                 | ckwe                                                | 2051 Airport Road                                       | 13, INC.                              |                    |                               |            | 26992                                         |  |
| 4                                                  | Collin                                              | Wichita, Kansas 67209-                                  | 1949 NZ2R049L                         | ,                  |                               |            | 26882                                         |  |
| 6. Item                                            | 7. Description                                      | 8. Part No.                                             | 9. Eligibility*                       | 10.                | 11.0.10.12                    |            |                                               |  |
| 0. 1 <del>.</del> ///                              | 7. Description                                      | o. Tatt No.                                             | 9. Engionity                          | Quantity           | 11. Serial/Batch Num          | ber.       | 12. Status/Work                               |  |
| 1                                                  | APA-80A                                             | =====================================                   | TSO ARTICLE N/A                       | 1                  | 1950                          |            | REPAIRED                                      |  |
| <ol> <li>Remarks</li> <li>Acceptance Ce</li> </ol> | "Certifies that the work sertificate Number JAA.433 | pecified in blocks 12/13 was carried out in a           | ccordance with JAR 145 and with respe | ct to that work th | e aircraft component is consi | dered read | y for release to service under JAA            |  |
| l '                                                |                                                     | printed in (Block 3) contains deta                      | ails for the attached DEDAIDE         | D aguinman         |                               |            |                                               |  |
| Maintenand                                         | ce Accomplished In                                  | Accordance with CMM Reference                           | ce 523-0766529-006118                 | LD equipmen        | l. <b>.</b>                   |            |                                               |  |
|                                                    |                                                     | CMM Reference 523-0766529-0                             |                                       |                    |                               |            |                                               |  |
|                                                    |                                                     |                                                         |                                       |                    |                               |            |                                               |  |
|                                                    | illed: NONE                                         |                                                         |                                       |                    |                               |            |                                               |  |
| Shelf Life:                                        |                                                     |                                                         |                                       |                    |                               |            |                                               |  |
|                                                    |                                                     | accompanied by maintenance history                      |                                       | me since new.      |                               |            |                                               |  |
|                                                    | Newly Overhauled                                    | - 1d1d4/-> : 14/                                        | 19.                                   | DESCRIPTION SE     | O SERVICE DI ACC              | ODD 4      | NOT WELL BAR                                  |  |
|                                                    |                                                     | wly overhauled part(s) identify                         |                                       |                    |                               |            | NCE WITH FAR 43.9 attached) above was carried |  |
|                                                    |                                                     | ock 13 was (were) manufactur<br>data and airworthiness. | out in                                | accordance         | with FAA airworthine          | ess regul  | ations and in respect to the                  |  |
|                                                    |                                                     | exported, the special requires                          |                                       | performed th       | e part(s) is (are) appro      | oved for   | return to service.                            |  |
|                                                    |                                                     |                                                         | ments of the                          |                    | <u>`````</u>                  |            |                                               |  |
|                                                    | importing country have been met                     |                                                         |                                       |                    |                               |            |                                               |  |
| 15. Signature                                      | 2:                                                  | 16. FAA Authorization No:                               | 20,40                                 | thorized Signa     | ture:                         | _   2      | Certificate Number:                           |  |
| 17 Name (T                                         | yped or Printed):                                   | 18. Date:                                               |                                       | me (Typed or )     | Drinted V                     |            | NZ2R049L                                      |  |
| 17. Ivanic (1                                      | ypea or rimica).                                    | 10. Date.                                               |                                       |                    | D A. FOSTER                   | 2          | 3. Date:                                      |  |
|                                                    |                                                     |                                                         |                                       |                    | Installer must grossehed      |            | AUG 1 3 1999                                  |  |

\*(Optional) Installer must crosscheck eligibility with applicable technical data

# FAA Form 8130-3 Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

**FAA FORM 8130-3** (11-93)

\* (Optional) Installer must cross check eligibility with applicable technical data.

| 1. UNITE  | D STATES              |                               | FAA FORM 81<br>IRWORTHINESS AP<br>DEPARTMENT OF TR | PROVAL TAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3. SYSTEM TRACKI<br>99-2432              | NG REF. NO.               |  |
|-----------|-----------------------|-------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------|--|
|           |                       |                               | DERAL AVIATION AD                                  | and the second s | 60 2 102                                 |                           |  |
| 4. ORGA   | NIZATION              | DRATE SERVICE SUPPLY & M      | . 2                                                | ****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5. WORK ORDER, CONTRACT<br>99-2432       | Γ, OR INVOICE NO.         |  |
|           | 1610 9                | TH AVE.                       |                                                    | PHONE: (516)981-2600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 00                                       |                           |  |
|           |                       | MIA, NEW YORK 11716           |                                                    | FAX: (516)981-2605                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                           |  |
| 6. ITEM   | 7. DESCRIPTION        | N 8. PART NUMBER              | 9. ELIGIBILITY*                                    | 10. QUANTITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11. SERIAL/BATCH NO.                     | 12. STATUS/WORK           |  |
| 1         | Inverter              | 1A1000-1D                     | TBV by installer                                   | one                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C0363018                                 | Repaired                  |  |
| 13. REM   | ARKS: Repai           | red & Tested To Mfg. Spe      | c. Manual # 24-20-04                               | Rev. 2 10/91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                           |  |
|           | •                     | •                             | <del>4</del> ,                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                           |  |
| •         |                       | (See Wor                      | k Order)                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                           |  |
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|           |                       |                               |                                                    | 145 and with respect to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | that work the aircraft component is cons | sidered ready for release |  |
|           |                       | e Certificate Number: JAA 435 | <del></del>                                        | INCLUDING TOTAL TH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ME CYCLES/TIME SINCE NEW.                |                           |  |
| LIMITE DE | III Z I MATO MOOT MON | MALET DE ACCOM ANIED DI       | WANTENANCE HISTORY                                 | THOUGHTO TOTAL TI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ME OF OLLOW THAT ON OLL TREAT.           |                           |  |
| 14. NE    | :W [ ]                | NEWLY OVERHAUL                | .ED [ ]                                            | 19. RETURN TO S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SERVICE IN ACCORDANCE WITH               | FAA 43.9                  |  |
|           |                       | NEWLY OVERHAULED PART(S       | • •                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | E WORK SPECIFIED IN BLOCK 13 (OR AT      |                           |  |
|           |                       | CK 13 WAS (WERE) MANUFAC      |                                                    | i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CORDANCE WITH FAA AIRWORTHINESS          |                           |  |
| WITH FAA  | APPROVED DESIGN       | DATA AND AIRWORTHINESS R      | EGULATIONS.                                        | RESPECT TO THE W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ORK PERFORMED THE PART(S) IS (ARE)       | APPROVED FOR RETURN       |  |
| NOTE: IN  | CASE OF PARTS TO E    | BE EXPORTED, THE SPECIAL      | REQUIREMENTS OF THE                                | TO SERVICE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                           |  |
| IMPORTIN  | G COUNTRY HAVE BE     | EN MET.                       |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                           |  |
| 15. SIGN  | IATURE:               |                               | 16. FAA AUTHORIZA                                  | ATION NO.: 20. AU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | THORIZED SIGNATURE:                      | 21. CERTIFICATE #:        |  |
|           |                       |                               |                                                    | $\omega$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | atter Keil (c.s.s. & M.)                 | FY1R157K                  |  |
| 17. NAM   | E (TYPED OR PRI       | NTED):                        | 18. DATE:                                          | 22. NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ME (TYPED OR PRINTED)                    | 23. DATE:                 |  |
|           |                       |                               |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Walter Kuhn                              | 10/12/99                  |  |
|           |                       |                               |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                           |  |
|           |                       |                               | •                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                           |  |
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|           | RM 8130-3 (11-93)     | */^                           | IAL VINSTALLED MALIS                               | T CDOSS CHECK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ELIGIBILITY WITH APPLICABLE T            | ECHNICAL DATA             |  |
| , 77 I O  | (11-33)               | (OF NON                       | AL) ING IALLER MUS                                 | T ORUSS CHECK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ELIGIDIETT WITH AFFEIGABLE T             | LOTINIOAL DATA.           |  |

## CORPORATE SERVICE SUPPLY & MFG., INC. 1610 9TH AVENUE, BOHEMIA, N.Y. 11716 FAA REPAIR STATION# FY1R157K

NOMENCLATURE: Inverter DATE: 10/12/99 CUSTOMER: Signature Fight Support PO#: MSP-P0990515 PART#: 1A1000-1D WORK PERFORMED: Repaired SERIAL#: C0363018 JOB NO.: 99-2432 RECEIVING REMARKS: Heat sink fins damaged during shipping. Repair and Test To Mfg. Specs.

**TEARDOWN REMARKS:** 

Heat sink fins bent on both sides and baseplate corners bent. Disassemble and visually inspect unit internally.



Insp

INSPECTION REMARKS:

Repaired heat sink fins on both sides of unit and baseplate assembly. Visually inspected unit internally and found no

further damage. Unit passes all manufacturers

III. MECHANIC'S SIGNATURE

specifications.

Repaired & Tested to Mfg. Spec.



Manual # 24-20-04 Rev. 2 10/91

Insp

INSPECTOR'S SIGNATURE

FY1R157K Walter Kuhn 10/12/99 1410 renum



# Packing List

Galaxy Aerospace Company, LP

Accounts Payable

One Galaxy Way - Alliance Airport

Fort Worth TX 76177-5300

Fax 817-837-3739

Contact Ryan Riley

Sold to ROIGWEST

7035 SOPHIA AVENUE VAN NUYS, CA 91406 Sales Order

048656

Order Date

11/04/1999

Purchase Order

886

Date Printed

11/04/1999

Terms

COD COMPANY CK OK

Page:

1

Ship to:

ROIGWEST INCORPORATED 7035 SOPHIA AVENUE VAN NUYS, CA 91406

| Customer         | Contact | Phone        | Ship Via             |             | FOB         |                                        | Freight.      |         |
|------------------|---------|--------------|----------------------|-------------|-------------|----------------------------------------|---------------|---------|
| LOLA             |         | 818-908-9600 | FED-EX PRIO          | RITY OVERNI | Origin      |                                        | PCCOD \$272.2 |         |
| Bin              | Qtyn UM | Part#        | <u> </u>             | Description | מכ          |                                        | Tag           | Cond.   |
| GB04LC           | (i) EA  | 2315M-24-8   | 34 (99<br>34 (99     | WIPER REFI  | Í <b>LL</b> | CERT                                   | 00032039      | FN      |
|                  |         | f            |                      |             |             | (************************************* |               | i i     |
|                  |         | •            |                      |             |             |                                        |               | .31     |
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|                  |         |              |                      |             |             |                                        |               |         |
|                  |         |              |                      |             |             |                                        |               |         |
| AWB#<br>Pick by: | MM      |              | Cartons:<br>Ship By: |             |             | Weight<br>Due by<br>Carrie             | у:            |         |

Galaxy certifies that the products in this shipment have been inspected and are in compliance with applicable drawings and specifications of the approved manufacturers. Copies of certifications are on file.

| State of israel  Ministry of Transport  Civil Aviation Administration (                                                                                                                                  | THINESS AP<br>CAAI FORM 8                                               | <b>.</b>                 | - TAG               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | acking Ref. No.   |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| 4. Organization                                                                                                                                                                                          |                                                                         |                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5. Work-orde      | r/Contract / Invoid                          |
| ISRAEL AI<br>BEN GURIO                                                                                                                                                                                   | RCRAFT INDUSTRIES L<br>N INTERNATIONAL AIR<br>LISEAFI                   | TD (IAI)<br>PORT 70100   |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4 1               | 05 091028                                    |
| 6. Item 7. Description                                                                                                                                                                                   | 8. Part No.                                                             | 9. Eligibility*          | 10. Quantity        | 11. Serial / Bat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ich No.           | 12. Status / W                               |
| 1 WIPER BLADE                                                                                                                                                                                            | 23151424-8                                                              | MODEL1125 \$             | <b>k</b> 154        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | NEM                                          |
|                                                                                                                                                                                                          |                                                                         |                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                              |
| * Limited life parts must be accompanied by mair                                                                                                                                                         | 1<br>Nenance history including total time/tot                           | al cycles/lime since new | <u> </u>            | <u>.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   | <u> </u>                                     |
|                                                                                                                                                                                                          |                                                                         |                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                              |
| 14. New Newly overhauled                                                                                                                                                                                 |                                                                         |                          | to servlice in acco | rdance with CAAI,<br>light Rules " Regula                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ation No. 133     |                                              |
| Certifies that the part(s) identified above except was (were) manufactured / inspected in accordance of the stated country and/or in the case of parts design data and with the notified special require | ance with the airwortiness regulations to be exported with the approved | in acco                  | ordance with CAAI   | ecified in block 13 a<br>airworthiness regula<br>art(s) is (are) appro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ations and in res | pect to.                                     |
| 15. Signature  A. SHEIMKIN D.                                                                                                                                                                            | SLIL. 16. CAAI Autho A. SHEI DMIR A                                     | NKIN                     | ized Signature      | Maria de Mar |                   | 21. Certificate N                            |
| .17. Name (typed or printed)                                                                                                                                                                             | 19 Data                                                                 | i loo Nama               | (typed or printed   | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | [197] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1 |
| triname (typed of philled)                                                                                                                                                                               | 18. Date                                                                |                          | (typed of binned    | <i>)</i> • • • • • • • • • • • • • • • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | 23. Dale (C()                                |

|                                                                    | STATES                                                                                                                                                                         | AIRWORTHI<br>U.S. Depa                                                                                    | ORM 813 INESS APPROVAL artment of Transportation Aviation Administration | TAG                                                           | 3. System Tracking<br>2628                                                                                                                  | Ref. No.                                                                                  |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| . Organization                                                     |                                                                                                                                                                                |                                                                                                           |                                                                          |                                                               |                                                                                                                                             |                                                                                           |
| NERO-TECH SE<br>1354 SECURA W<br>SANTA FE SPRII                    | RVICES, INC<br>VAY<br>NGS, CA 90670                                                                                                                                            |                                                                                                           |                                                                          |                                                               | 5. Work Order, Cor<br>10966                                                                                                                 | tract, or Invoice Number:                                                                 |
| 6. Item                                                            | 7. Description                                                                                                                                                                 | 8. Part Number                                                                                            | 9. Eligibility*                                                          | 10. Quantity                                                  | 11. Serial/Batch Number                                                                                                                     | 12. Status/Work                                                                           |
|                                                                    | FUEL CELL                                                                                                                                                                      | 5653088-503                                                                                               | ISRAELI                                                                  | 1                                                             | 80-24476                                                                                                                                    | INSPECTED                                                                                 |
| EMOVED NEW I                                                       | FROM STOCK                                                                                                                                                                     |                                                                                                           |                                                                          |                                                               |                                                                                                                                             |                                                                                           |
|                                                                    |                                                                                                                                                                                |                                                                                                           |                                                                          |                                                               |                                                                                                                                             |                                                                                           |
| nited life parts                                                   | must be accompanied by n                                                                                                                                                       | naintenance history including                                                                             | g total time/total cycles/time                                           |                                                               |                                                                                                                                             |                                                                                           |
| mited life parts<br>New                                            | must be accompanied by n                                                                                                                                                       | naintenance history including                                                                             | g total time/total cycles/time                                           | 19.                                                           |                                                                                                                                             |                                                                                           |
| New Newly C Certifies that otherwise sp FAA approve In cass Import | must be accompanied by no process of the new or newly overhauled the new or newly overhauled ecified in block 13 was (we newly design data and airworth                        | led part(s) identified above, e<br>re) manufactured in accorda<br>iness.                                  | except as<br>nce with                                                    | 19.  Return to 5  Certifies the was carried regulations       | Service In Accordance with at the work specified in bloc I out in accordance with FA, and in respect to the work yed for return to service. | k 13 (or attached) abov                                                                   |
| New Newiy C Certifies that otherwise sp FAA approve Import         | must be accompanied by note that the new or newly overhauled confidence in block 13 was (we ad design data and airworth the of parts to be exported, the country have been met | led part(s) identified above, e<br>re) manufactured in accorda<br>iness.<br>he special requirments of the | except as<br>nce with                                                    | 19.  Return to 5  Certifies the was carried regulations       | at the work specified in blocd out in accordance with FA, and in respect to the work ved for return to service.                             | k 13 (or attached) abov<br>A airworthiness<br>performed the part(s) is<br>tificate Number |
| New Newly C Certifies that otherwise sp FAA approve In cass Import | must be accompanied by note that the new or newly overhauled confidence in block 13 was (we ad design data and airworth the of parts to be exported, the country have been met | led part(s) identified above, e<br>re) manufactured in accorda<br>iness.<br>he special requirments of the | except as more with                                                      | Return to s Certifies the was carried regulations (are) appro | at the work specified in blocd out in accordance with FA, and in respect to the work ved for return to service.                             | k 13 (or attached) abov<br>A airworthiness<br>performed the part(s) is<br>tificate Number |

| 1.<br>UNITED                                                       | STATES 2                                | AIRWORTHI<br>U.S. Depa         | ORM 813 INESS APPROVAL Artment of Transportation Aviation Administration | TAG                                                                                                                  | 3. System Tracking<br>2629                                                            | Ref. No.                   |  |
|--------------------------------------------------------------------|-----------------------------------------|--------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|--|
| 4. Organization<br>AERO-TECH SE<br>8354 SECURA W<br>SANITA FE SPRI | RVICES, INC<br>VAY                      |                                |                                                                          |                                                                                                                      | 5. Work Order, Cor<br>10967                                                           | ntract, or Invoice Number: |  |
| 6. Item                                                            | 7. Description                          | 8. Part Number                 | 9. Eligibility*                                                          | 10. Quantity                                                                                                         | 11. Serial/Batch Number                                                               | 12. Status/Work            |  |
| 1<br>2<br>13. Remarks                                              | FUEL CELL<br>FUEL CELL                  | 5653043-509<br>5653043-510     | ISRAELI<br>ISRAELI                                                       | 1                                                                                                                    | 79-34873<br>79-34891                                                                  | INSPECTED<br>INSPECTED     |  |
| REMOVED NEW                                                        |                                         |                                |                                                                          |                                                                                                                      |                                                                                       |                            |  |
| 14                                                                 | s must be accompanied by                | maintenance history includin   | ig total time/total cycles/tim                                           | e since new.                                                                                                         |                                                                                       |                            |  |
| Newly Certifies tha                                                | Overhauled  at the new or newly overhau | uled part(s) identified above, | except as                                                                | 19.  Return to Service in Accordance with FAR 43.9  Certifies that the work specified in block 13 (or attached) abov |                                                                                       |                            |  |
| FAA approv                                                         | ved design data and airwort             | the special requirments of the |                                                                          | was carried regulations                                                                                              | do out in accordance with FA s and in respect to the work oved for return to service. | AA ainworthiness           |  |
| 15. Signature                                                      |                                         | 16.                            | FAA Authorization No.:                                                   | 20. Muthorized Si                                                                                                    | ignature 21. Ce                                                                       | ertificate Number          |  |
| 17. Name (Typed                                                    | i or printed):                          | 18.                            | Date:                                                                    | 22. Name (Typed<br>DENNIS KING                                                                                       | or Prioted): 23. Da 01-11-                                                            | ate:                       |  |

\*(Optional) Installer must cross check eligibility with applicable technical data.

Jan 11 00 11:40a

FAA Form 8130-3 (11-93)

| 1.             | 2.                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        | 124.14 12 <b>4</b><br>12. 2. | and the second second second | والمنافقة فيور وموارش ويونونهم والمعاد ويراوهم                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                             |                                                     |                                         |
|----------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------|-----------------------------------------|
| UNIT           | TED STATES                                                                             | AIRWOR<br>U. S. I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FORM THINESS APPI Department of Trainal Aviation Admin | ROVAL 1                      | ΓΔG                          | 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | System Track                |                                                     |                                         |
| 4. Organizati  | <u>l</u>                                                                               | i edei                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ai Aviation Aumi                                       | nistration                   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 225                         | 81                                                  |                                         |
|                | iation, Inc. 16129 Leadwell 8                                                          | St. Van Nuys, Ca. 91406                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | `                                                      |                              |                              | 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Work Order,                 | Contract, or Invoice                                |                                         |
|                |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>45</b>                   |                                                     |                                         |
| 6. Item        | 7. Description                                                                         | 8. Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9. Eligibility                                         | <u> </u>                     | 10 0                         | 44 0 117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>ચેચે5</i>                | <del>~</del>                                        | <del></del>                             |
| 1.             | Power Supply                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | J. Ligibility                                          |                              | 10. Quantity                 | 11. Serial/Bate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ch Number                   | ,12. Status/M                                       | Vork                                    |
| •              | r ower Suppry                                                                          | PS-823 B/T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | *******                                                | *******                      | 1.                           | 1310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | Deep Cycle                                          | 2                                       |
| 13. Remarks    |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             | 1                                                   |                                         |
|                | _                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                     |                                         |
| 7              | leep Cycled.                                                                           | + tunctional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | checkeg                                                |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                     |                                         |
|                |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                     |                                         |
|                |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                     |                                         |
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| Limited life   | parts must be accompanie                                                               | ed by maintenance history                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | including total time                                   | o#otal aval                  | oodina sir                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             | •                                                   |                                         |
| 14.            |                                                                                        | The state of the s | morading total time                                    | 19.                          | es/ume sind                  | ce new.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                                                     | 1                                       |
| New            |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        | 1                            | n to Sonio                   | o in Assentain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                             |                                                     | , ,                                     |
| New            | ly Overhauled                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        | Netur                        | ii to seivic                 | e in Accordan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ce with FAI                 | R 43.9                                              |                                         |
| with FAA       | hat the new or newly overh<br>ise specified in block 13 wa<br>approved design data and | as (were) manufactured in<br>airworthiness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | accordance                                             | regula                       | was camed<br>lions and in    | respect to the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ance with FA<br>work perfor | (or attached)<br>A airworthiness<br>med the part(s) | 4 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |
| NOTE: In<br>im | case of parts to be exported porting country have been                                 | d, the special requirements met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | of the                                                 | 15 (816)                     | / approved                   | for return to se                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | rvice.                      | · · · · · · · · · · · · · · · · · · ·               |                                         |
| 15. Signatu    | ıre                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Authorization No.:                                     | 20. Auth                     | orized Sign                  | <b>ا</b> ا                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | Certificate Num                                     | ıber                                    |
|                | (Typed or Printed):                                                                    | 18. Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | •                                                      |                              | e Typed or                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23.                         | Date:                                               |                                         |
| AA Form 8130   | )-3 (11-93)                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             | applicable technical d                              |                                         |
|                |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              | ing the state of t | w enfirmity mitt            | applicable (ecunical d                              | ata.                                    |
|                |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                     |                                         |

|                                   | ED STATES                                                                                                                                                                                | S Complete to AIR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A FORM WORTHINESS AF U.S. Department of T Federal Aviation Ad | 8130-3<br>PPROVAL TAG<br>ransportation<br>ministration     |                         | System Tracking Rel. No.                                            |
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| Organizati                        | DANSWO 17                                                                                                                                                                                | veation, In                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Q -                                                           | 91406                                                      | 5                       | . Work Order, Contract, or Invoice Number:                          |
| ltem                              | 7. Description                                                                                                                                                                           | 8. Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8. Eligibility *                                              | 10. Quantity                                               | 11. Serial/Batch Number | 12                                                                  |
| <b>\</b>                          | Battery                                                                                                                                                                                  | 20-5113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               | \                                                          | 0797                    | Deep                                                                |
|                                   | Deep Cycled                                                                                                                                                                              | SE SHOUSH AND THE HOWING STORY OF THE SHOULD SELECT THE SELECT THE SHOULD SELECT THE SHOULD SELECT THE SELECT TH |                                                               |                                                            |                         |                                                                     |
| New New Certific as office with F | dille parts must be accompand  Will Diverhauled  as that the new or newly over erwise specified in block 13 V AA approved design data and incase of parts to be exported y have been met | rhauled part(s) identified<br>was (were) manufactured<br>alrworthiness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | above, except<br>in accordance                                | 9. Return to Service Certifies that the wout in accordance | ce In Accordance with   | 3 (or attached) above was carried regulations and in respect to the |
| 15. Sign                          | aure                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6. FAA Authorization No.:                                     | 20. Authorized Signature:                                  | ( , , ; )               | 21. Certificate Numbor. LZ3R676L                                    |
| 17. Nan                           | ne (Typed or Printed):                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8. Date:                                                      | 22. Name (Type For Print                                   | ARaia                   | 23. Dato:                                                           |

|                                                                                                                                                                     |                                                                                                             |                                                                                                          | The state of the s |                                                                                                   |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|
| UNITED STATES     ORGANIZATION:                                                                                                                                     | FEDE                                                                                                        | FAA FORM 8130-3<br>TWORTHINESS APPROVAL TAG<br>PARTMENT OF TRANSPORTATION<br>RAL AVIATION ADMINISTRATION | v                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3. SYSTEM TRACKING                                                                                |                                     |
| 6. ITEM 7. DESCRIPTION                                                                                                                                              | T SERVICE ENTERPRISES, INC.<br>10 NORTH ROCKWELL AVENUE<br>BETHANY, OK 73008<br>8. PART NUMBER              | 9. ELIGIBILITY*                                                                                          | 5. WORK ORDER, CON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TRACT, OR INVOICE NUI                                                                             | MBER:                               |
| 3. REMARKS ACTUATOR                                                                                                                                                 | F10A5\$CH203-3                                                                                              | TBUBY ENSTAILER                                                                                          | IEA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2163                                                                                              | REPATR                              |
| IMITED LIFE PARTS MUST BE ACCO                                                                                                                                      | MPANIED BY MAINTENANCE HIS                                                                                  | TOHED TORY INCLUDING TOTAL TIME                                                                          | E/TOTAL CYCLES/TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SINCE NEW.                                                                                        |                                     |
| ERTIFIES THAT THE NEW OR NEWLY ( THERWISE SPECIFIED IN BLOCK 13 NAA APPROVED DESIGN DATA AND AIRW OTE: IN CASE OF PARTS TO BE EXPOR OUNTRY HAVE BEEN MET SIGNATURE: | OVERHAULED PART(S) IDENTIFIED<br>NAS (WERE) MANUFACTURED IN<br>FORTHINESS.<br>TED, THE SPECIAL REQUIREMENTS | ABOVE, EXCEPT AS<br>ACCORDANCE WITH<br>OF THE IMPORTING                                                  | 19. RETURN TO SERVI<br>CERTIFIES THAT THE<br>ATTACHED) ABOVE W<br>FAA AIRWORTHINESS<br>WORK PERFORMED<br>RETURN TO SERVICE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CE IN ACCORDANCE OF WORK SPECIFIED OUT IN AS CARRIED OUT IN REGULATIONS AND IN THE PART(S) IS (AR | IN BLOCK 13 (OR ACCORDANCE WITH     |
| . NAME (TYPED OR PRINTED)                                                                                                                                           |                                                                                                             | 16. FAA AUTHORIZATION NO.:                                                                               | 20. AUTHORIZED SIGNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TURE:                                                                                             | 21. CERTIFICATE NO.:                |
| CODU ALOR ALL TOTAL                                                                                                                                                 | (OPTIONAL) INSTALLER MUST CROSS                                                                             | f                                                                                                        | 22. NAME (TYPED OR PE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ا ما ماما                                                                                         | AR2R700K<br>23. DATE:<br>12-02-1991 |

UNIȚED STATES

## FAA FORM 8130-3

99107

## AIRWORTHINESS APPROVAL TAG

U.S. Dept. of Transportation Federal Aviation Administration

| 4. Organization                                              |                                                                                                       |                                 |                              | 5. Work Order, Con                                                                                               |                                 |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------|
| AEROSPACE CONTRO<br>1314 West 76th S<br>FAA CRS # LE2R97     | t., Davenport, IA                                                                                     | X 52806-1305                    | j                            |                                                                                                                  | 0107                            |
| 6.Item 7.Description 1 SWITCH                                | 8. Part Number<br>GF5500-52                                                                           | 9. Eligibility VARIOUS          | 10. Qty.                     | 11. Serial/Batch No.<br>A2225                                                                                    | 12.Status/Work                  |
| 13. Remarks FAA-PMA<br>ALTERNAT<br>AIRWORTH                  | E P/N: 3833006<br>HINESS APPROVAL-                                                                    | PARTS. TH                       | IS FORM IS                   | NOT AN EXPORT A                                                                                                  | PPROVAL.                        |
| Limited life part<br>time/total cycles                       | s must be accompastime since new.                                                                     | nied by mai                     | ntenance hi                  | istory including t                                                                                               | cotal                           |
| 14. New                                                      | [√]                                                                                                   | 19                              | Return to                    | Service In Accordance                                                                                            | ce with FAR                     |
| part(s) identified specified in block                        | led []<br>new or newly overhau<br>above, except as oth<br>13, was (were) manuf<br>FAA approved design | erwise at actured wideta and re | tached) abov<br>th FAA airwo | the work specified<br>e was carried out in<br>rthiness regulations<br>work performed the<br>ed for return to ser | accordance<br>and in<br>part(s) |
| NOTE: In case of pa<br>special requirement<br>have been met. | rts to be exported,<br>s of the importing c                                                           | the<br>ountry                   |                              |                                                                                                                  |                                 |
| 15. Signature                                                | 16. FAA Authoriz<br>DMIR5015                                                                          |                                 | . Authorized Si              | · · · · · · · · · · · · · · · · · · ·                                                                            | cate Number<br>975K             |
| 17. Name (typed or prin                                      |                                                                                                       |                                 | . Name (typed o              | or printed) 23. Date                                                                                             |                                 |

#### AIRWORTHINESS APPROVAL TAG

## USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

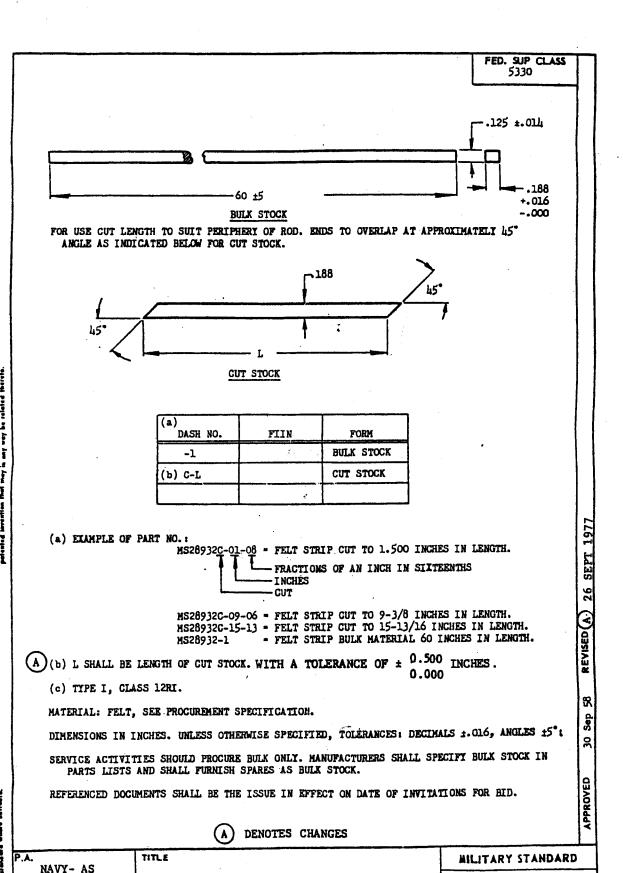
Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 & 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

State of Israel Ministry of Transport AIRWORTHINESS APROVAL TAG 3. System Tracking Ref. No. Civil Aviation Administration (CAAI) CAAI FORM 8130-3 4. Organization B-1453 ISRAEL AIRCRAFT INDUSTRIES LTD. SHL P.O. BOX 190 LOD 71101-ISRAEL 5. Work-order/ Contract / Invoice No. 6.Item 7. Description C/O: GX 2169, GX2300, GX2617, 8. Part No. 1. BUSHING 9. Eligibility GX 2439. 2247-0300-003 REV."-". 10. Quantity 11. Serial / Batch No. 1124 12. Status / Work 2. PLUG LOCK 23 EA ED 13004-1 REV."C". NEW 1124 3. 50EA LATCH ED 12965-1 REV."-". NEW 1124 4. 6 EA WASHER ED12914-2 REV."AB". NEW 1124 3 EA NEW \* Limited life parts must be accompanied by maintenance history including total cycles/time since new NONE 14. ☑ New  $\square$  Newly overhauled 19. Return to service in accordance with CAAI, Certifies that the part(s) identified above except as otherwise specified in block 13, "General Operating and Flight Rules" regulation no. 33 was (were) manufactured / inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved Certifies that the work specified in block 13 above was carried out design data and with the notified special requirements of the importing country. in accordance with CAAI airworthiness regulations and in respect to the work performed, the part(s) is (are) approved for return to service Signature H. DENEMARR 16. CAAI Authorization No. 20. Authorized Signature 21. Certificate No. CAAI DMIR No AE-153 17. Name (typed or printed) 18. DATE 22. Name (typed or printed) HANOCH DENEMARK 23. Date 13 APR 1998 CAAI Form 8130-3 (4/95)

(See user's /installer responsibilities on back side)

| Ministry                                   | of Israel<br>of Transport<br>iation Administratio                                   |                                                 | IRWORTHINES<br>CAAI FO                                                                                               | SS APROVAL<br>RM 8130-3        | TAG                                   | B-319                                            |                                                                                          |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------|
| 4. Organiza                                | . ISRA                                                                              |                                                 | T INDUSTRIES LTD.<br>LOD 71101 - ISRAEL                                                                              |                                |                                       | 5.Work-or<br>P.O.: 021                           | der/ Contract / Invoice No.                                                              |
| 6.Item                                     | 7. Description                                                                      | 8. Part No.                                     | 9. Eligibility                                                                                                       | 10. Quantity                   | 11. Serial                            | / Batch No.                                      | 12. Status / Work                                                                        |
| 1.                                         | SCRAPPER                                                                            | S32875, R                                       | EV."-" I.A.I1                                                                                                        | 124 65 EA                      |                                       |                                                  | NEW                                                                                      |
| 13. Remarks                                | fe parts must be accomp                                                             | oanied by maintenan                             | ce history including total cycles                                                                                    | time since new                 |                                       | <u> </u>                                         |                                                                                          |
| Certifies that was (were) is of the stated | at the part(s) identified a<br>manufactured / inspecte<br>I country and/or in the c | d in accordance with<br>case of parts to be exp | wise specified in block 13,<br>the airworthiness regulations<br>ported with the approved<br>f the importing country. | in accordance with             | g and Flight ork specified CAAI airwo | Rules" regula<br>l in block 13<br>orthiness regu | ation no. 33 above was carried out ulations and in respect to oved for return to service |
| 15. Signature                              | H. PENE                                                                             | MARK                                            | 16. CAAI Authorization No.  CAAI DMIR No AE-153                                                                      | 20: Authorized Signature       |                                       |                                                  | 21. Certificate No.                                                                      |
| 17. Name (type                             | ed or printed)                                                                      | · · · · · · · · · · · · · · · · · · ·           | 18. Date                                                                                                             | 22. Name (typed or printed)    |                                       |                                                  | 23. Date                                                                                 |
| H                                          | ANOCH DENI                                                                          | EMARK                                           | 22 JUNE 1999                                                                                                         |                                |                                       |                                                  |                                                                                          |
| CAAI Form 81                               | 30-3 (4/95)                                                                         | ·                                               |                                                                                                                      |                                |                                       |                                                  |                                                                                          |
|                                            | (                                                                                   |                                                 | (See user's /installer                                                                                               | responsibilities on back side) |                                       |                                                  | ( ,                                                                                      |



FELT STRIP, PACKING GLAND

SUPERSEDES: AN6232

Other Cust USAF-99

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| Minis     | te of israel<br>stry of Transport<br>Aviation Administration | (                                                                                                                                                            | THINESS A                |                                                                                      | AG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tracking Ref. No.                                       |  |
|-----------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--|
| l. Organi | ISRAEL A                                                     | AIRCRAFT INDUSTRIES L<br>ON INTERNATIONAL AIR<br>ISRAFL                                                                                                      |                          |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5. Work-order/Contract / Invoice No.<br>4105 0807277447 |  |
| 3. Item   | 7. Description                                               | 8. Part No.                                                                                                                                                  | 9. Eligibility*          | 10. Quantity - 11                                                                    | Serial / Batch No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12. Status / Work                                       |  |
| 16        | STOPPER                                                      | ton salone does not apponently assembly.                                                                                                                     | 1                        | 08<br>understand that<br>nstitute authorit                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NEW                                                     |  |
| -         |                                                              | rufication, in all cases the moerfification issued in salar before the aircraft.                                                                             | tea no con               | ince record must                                                                     | aircraft maintena<br>accordance with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |  |
| 14.<br>14 | New Newly overhauled                                         | 1                                                                                                                                                            |                          | urn to servlice in accordance                                                        | NATIONAL PROPERTY AND ADDRESS OF THE PARTY O |                                                         |  |
| was (wer  | re) manufactured / inspected in according                    | cept as otherwise specified in block 13, ordance with the airwortiness regulations arts to be exported with the approved uirements of the importing country. | in o                     | lifies that the work specified coordance with CAAI airwo work performed, the part(s) | rthiness regulations and in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | respect to.                                             |  |
| 15, Sign  | ature Chy-                                                   | 16. CAALAUU<br>CAA                                                                                                                                           |                          | rized Signature                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21. Certificate No.                                     |  |
| 17. Nam   | e (t) ed by Envering                                         | 18. Date 0 4 ACC                                                                                                                                             | 78°                      | (typed or printed)                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23. Date                                                |  |
| AAI Form  | 8130-3 (4/05)                                                | (Consumation                                                                                                                                                 | distribution of Comments | ark side)                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |  |

3. System Tracking Ref. No. AIRWORTH LESS & PROVAL TAG State of israel Ministry of Transport 42-ATO2465 CAA FORM 8130-3 Civil Aviation Administration (CAAI) 5. Work-order/Contract / Invoice No. 4. Organization ISRAEL ATHORAFT INDUSTRIES 4105 0807277447 BEN GURTOT TATERNATIONAL HAMBET 12. Status / Work ON HOISE VISER / INSTALLER RESPONSIBIL 7. Description 6. Item WHM. MOM 123585-11 STOPPER 16 It is inportant to understand that the existance of this Document alone does not automatically constitute authority to install the part / component / assembly. \*Umited life parts must be accompanied by maintenance history including total time/holnics. A support of the parts must be accompanied by maintenance history including total time/holnics. Where the user / installer works in accordance with the national regulations of an 13. Remarks Airworthiness Authority different than the CAAI, it is essential that the user / installer. ensures that his / her Airworthiness Authority acceps parts / components / assemblies from the CAAL. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown. service in accordance with CAAI New New course and Flight Tries Technique No. 133 D Newly overhauled Certifies that the part(s) identified above except as otherwise specified in blo I fue beines sew ovode tit will roll and be was (were) manufactured / inspected in accordance with the airwortiness receivant I pit we want on adons and in respect to. of the stated country and/or in the case of parts to be exported with the approved and the service of the return to service design data and with the notified special requirements of the importing county 21. Cartificate No. IG CAA! 15. Signature 3. Date 17. Name (the 18 Date 1226/2 c00-3-1228/2

CAAI Form 8130-3 (4/95)

|                                  | D STATES 2.                                                                                                | AI<br>U                  | A FORM 8° RWORTHINESS APPROVA J.S. Department of Transpor Federal Aviation Administr | AL TAG<br>tation        |                                                                           | 10           | 991222KKJ4                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------|
| 1354 Cliffor                     | on<br>man Company<br>rd Avenue, P.O. Box 2940<br>k, IL 61132-2940                                          | PQ2047CE                 |                                                                                      |                         |                                                                           | 9<br>7       | ler, Contract, or Invoice Number:<br>55-32-058640-00<br>96-32-036245-00   |
| <sup>6.</sup> Item <sup>7.</sup> | Description                                                                                                | 8. Part Number           | 9. Eligibility*                                                                      | <sup>10.</sup> Quantity | <sup>11.</sup> Serial/Batch Nu                                            | ımber 12     | 2. Status/Work                                                            |
| 001                              | CONTROL BOX,<br>WINDSHIELD TEMP                                                                            | HYLZ 9661                | Israel Aircraft 1123, 1124,<br>1125 Westwind ASTRA,<br>ASTRA SPX                     | 1 PC.                   | S/N 982B                                                                  |              | NEW                                                                       |
| Limited life                     | parts must be accompanie                                                                                   | d by maintenance histor  | ry including total time/total cy                                                     | rcles/time since        | new.                                                                      |              |                                                                           |
| <sup>14.</sup> New               |                                                                                                            | х                        | 19.                                                                                  | Return to Servi         | ce in Accordance w                                                        |              |                                                                           |
| Certifies th                     | Overhauled<br>nat the new or newly overhau<br>specified in block 13 was (w<br>design data and airworthines | ere) manufactured in a   | pove, except as                                                                      | out in accordance       | work specified in blo<br>e with FAA airworthin<br>the part(s) is (are) ap | ness regulat | ttached) above was carried tions and in respect to the return to service. |
|                                  | n case of parts to be exporte<br>ve been met.                                                              | ed, the special requirem | ents of the importing                                                                |                         |                                                                           |              |                                                                           |
| 15. Signat                       | ture Dinno                                                                                                 |                          | Authorization No: 20. AMIR501603CE                                                   | Authorized Signa        | ature:                                                                    |              | <sup>2</sup> Certificate Number:                                          |
|                                  | (Typed or Printed)<br>M K. JOHNSON                                                                         | <sup>18.</sup> Date      | :<br>12-22-99                                                                        | Name <i>(Typed or</i>   | Printed)                                                                  |              | <sup>23.</sup> Date:                                                      |

# Airworthiness Approval Tag User/Installer Responsibilities

It important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the regulations by the user/installer before the aircraft may be flown.

| Civil<br>4. Organi                                         | istry of Transport  I Aviation Administra ization                                                                                                  | tion (CAAI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                  | CAAI FORI              | <b>APPROVA</b><br>VI 8130-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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No.<br>42-AT02465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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Work-or                                                                                                      | der/Contract / Invoice No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| . Item                                                     | 7. Description                                                                                                                                     | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 16                                                         | STOPPER                                                                                                                                            | 1225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No. 150111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9. 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nen <b>is</b> 14 and t maintenan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ensure<br>from the                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| New<br>ifies that<br>(were) m<br>e stated to<br>gh data as | Newly overhaule the part(s) identified above examufactured / inspected in accountry and/or in the case of prind with the notified special records. | user / installe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | resential that the second of t | SATION ~               | ateller words ority different per Airwarthare Sa a 19 do not co ce record mi are national re-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sihat his in the CAAL nents 14 and the name and the name with the name with the name and the solution of the capacitation of t | ensure from the Staten aircraft accord may 0 881 of no                                                          | the state of the s |
| New<br>ifies that<br>(were) m<br>e stated on<br>gh data an | Newly overhaule the part(s) identified above examufactured / inspected in accountry and/or in the case of prind with the notified special records. | user / installe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | pecified in block 13, wortiness regulations with the approved porting country.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JATION ~               | and to make the control of the contr | sihat his in the CAAL nents 14 and the name and the name with the name with the name and the solution of the capacitation of t | ensure from the from the Staten aircraft accord accord may 0 may 0 on No. 133 ove was carried acord muter to be | the state of the s |

| UNIT                                               | ED STATES 100 100 100 100 100 100 100 100 100 10                                                                                                                                                        | THE RESERVE TO SERVE THE PARTY OF THE PARTY | A FORN<br>RWORTHINESS A<br>U.S. Department of<br>Federal Aviation A | PPROVAL TAG                                           | 3                                                                         | 3. System Tracking Rel. No.                                                                                        |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| . Organiza                                         | Dynamo A                                                                                                                                                                                                | I, norterv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | nc.<br>an Nuys ch                                                   | .91406                                                |                                                                           | 5. Work Order, Contract, or Invoice Number:                                                                        |
| Item                                               | 7. Description                                                                                                                                                                                          | 8. Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9. Eligibility *                                                    | 10. Quantity                                          | 11. Serial/Batch Num                                                      | nber 12 Status/Work                                                                                                |
|                                                    | Battery                                                                                                                                                                                                 | 20-5113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     | (                                                     | None                                                                      |                                                                                                                    |
| 13. Remark                                         | is .                                                                                                                                                                                                    | 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                     |                                                       |                                                                           |                                                                                                                    |
|                                                    | scharged.                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |                                                       |                                                                           |                                                                                                                    |
| Limited                                            | Illo nada must be secompos                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | · · · · · · · · · · · · · · · · · · ·                               |                                                       |                                                                           | <i>.</i>                                                                                                           |
| Nev<br>Nev<br>Certifie<br>as oth<br>with F<br>NOTE | I life parts must be accompanied by State the new or newly over that the new or newly over the specified in block 13 was approved design data and the linease of parts to be exported that we been met. | rhauled part(s) identific<br>was (were) manufacture<br>airworthiness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ed above, except<br>ed in accordance                                | Return to Serv  Certifies that the vout in accordance | Ice In Accordance will<br>work specified in block<br>with FAA airworthine | th FAR 43.9  (13 (or attached) above was carried ess regulations and in respect to the oved for return to service. |
| 15. Signa                                          | - Harry Harry                                                                                                                                                                                           | \$ 10 miles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16. FAA Authorization No.:                                          | 20. Authorized Signature                              |                                                                           | 21. Certificate Number. LZ3R676L                                                                                   |
| 17. Nam                                            | a (Typed or Printed):                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18. Date:                                                           | 22. Name (Typed or Prin                               | SARCA                                                                     | 23. Dato:                                                                                                          |

## Airworthiness Approval Tag User/Installer Responsibilities

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# DYNAMO AVIATION, INC.

FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

# Work Sheet A

| CUSTOMER Roig West DATE 2-2-00 DEL REQ'D                                           |
|------------------------------------------------------------------------------------|
| INVOICE 2297   PURCHASE ORDER NO. PO-0000 95.1                                     |
| MFG. Marathon CHARGE RATE 120 MD DISCHARGE 1.2 1mps                                |
| TYPE 20-5113 PART NUMBER 38451-004 SERIAL NO. HONE                                 |
| PHYSICAL CONDITION Good COMPLIED WIFAA AD 80-18-087                                |
| FUSES VIL CONDITION OF REAR CONNECTOR NIL                                          |
| RESIDUAL VOLTAGE OF PACKS WHEN RECEIVED PACK A 15.4 PACK B                         |
| Discharged PACKA PACKB                                                             |
| NO. OF OPEN CELLS NIL PACK B PACK B                                                |
| NO. OF CELLS REPLACED 20 03.                                                       |
| END OF CHARGE VOLTAGE                                                              |
| CAPACITY CHECK A 20 / % CAPACITY CHECK B%                                          |
| REASSEMBLY COMPLETE 4 CS                                                           |
| TRANSISTOR LEAKAGE CHECKVOLTS                                                      |
| INVERTER CHECK: AC VOLTAGE PINS 7+3 = DC VOLTAGE PINS 7+11 = PINS 3+1 = PINS 7+4 = |
| PINS 7+5=                                                                          |
| COMMENTS: Replaced Cells 20ea P/N 5113                                             |
| Recharged.                                                                         |
|                                                                                    |
| REPAIRED BY JC. Figueroa. (5) REPAIR CERT.                                         |
| CHIEF INSPECTOR DAI OC A&P                                                         |
| TAGGED: 8130 YELLOW GREEN RED                                                      |

Form DA1300

| I. UNIT                                                | TED STATES                                                                          | U. S.                                    | FORM 8 RTHINESS APPRO Department of Transperal Aviation Adminis | ortation                            | 3. System Tra                                                                                                 | ncking Ref. No.                    |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|
| 4 Organia-4                                            |                                                                                     | reue                                     | rai Aviation Auminis                                            | напоп                               |                                                                                                               | 2975                               |
| 4. Organizati<br>Dynamo Avi<br>16129 Lead<br>Van Nuys, | iation, Inc.<br>well St                                                             |                                          |                                                                 |                                     | 5. Work Orde                                                                                                  | er, Contract, or Invoice           |
| 6. Item                                                | 7. Description                                                                      | 8. Part Number                           | 9. Eligibility*                                                 | 10. Quantity                        | 11. Serial/Batch Number                                                                                       | 12. Status Work                    |
| 1.                                                     | Battery                                                                             |                                          | ***********************************                             | ] 1.                                |                                                                                                               |                                    |
|                                                        |                                                                                     | SP-400                                   |                                                                 |                                     | 9506152                                                                                                       | Deep aycles                        |
| 13. Remarks                                            | s<br>ed, Water Level Checked, Tor                                                   |                                          |                                                                 |                                     |                                                                                                               |                                    |
| I imited life                                          | narts must be accompani                                                             |                                          |                                                                 |                                     | ·                                                                                                             |                                    |
| 14.                                                    | parts must be accompani                                                             | ed by maintenance histor                 |                                                                 |                                     | ce new.                                                                                                       |                                    |
| New                                                    | ly Overhauled                                                                       |                                          | 11                                                              |                                     | ce in Accordance with F                                                                                       | FAR 43.9                           |
| with FAA                                               | hat the new or newly overhise specified in block 13 was<br>approved design data and | as (were) manufactured in airworthiness. | n accordance                                                    | above was carrie regulations and in | work specified in block 1<br>d out in accordance with<br>n respect to the work perf<br>for return to service. | FAA airworthiness                  |
| NOTE: In im                                            | case of parts to be exported porting country have been                              | d, the special requirement met.          | ts of the                                                       | is (ais) approved                   | To rotain to service.                                                                                         |                                    |
| 15. Signatu                                            | ıre                                                                                 |                                          | Authorization No.:                                              | 9. Authorized Sign                  |                                                                                                               | 21. Certificate Number<br>LZ3R676L |
| 17. Name (                                             | (Typed or Printed):                                                                 | 18. Date                                 | : 2                                                             | 2. Name (Typed of                   | Printed):                                                                                                     | 23. Date:<br>- 7 - 19 - 00         |
| AA Form 8130                                           | <b>)-3</b> (11-93)                                                                  |                                          |                                                                 | * (Ontinnal) Vinete                 | aller must cross check eligibility                                                                            |                                    |
| (                                                      |                                                                                     |                                          |                                                                 | (Optional) histo                    | anel must cross check engining v                                                                              | with applicable technical data.    |

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# Airworthiness Approval Tag User/Installer Responsibilities

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TOMER: Roig West NO.: PO=000120.4

#### Dynamo Aviation, Inc. FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

INVOICE NO.: <u>22975</u>

#### **WORKSHEET B**

| 2-16-00                           | DEL DATE:                | REASON FOR WORK:     |                            | NDITION OF BATTERY UPON REC | CHarge                           | dOPEN CARCUIT VOLTAGE:_  | 25,9        |
|-----------------------------------|--------------------------|----------------------|----------------------------|-----------------------------|----------------------------------|--------------------------|-------------|
| 0.: <u>9506</u><br>CEAT: 1        |                          |                      | SP-400 ar                  | <i>чатү:<u>60</u></i>       | MINUTES                          | 40.0 AH                  | •           |
| ON REMARKS                        | 9K.I.                    | AMPS                 |                            |                             |                                  | ,                        |             |
| ON NETONIO                        | <u> </u>                 |                      |                            |                             | <del></del>                      |                          |             |
|                                   |                          |                      |                            |                             |                                  |                          |             |
| <u>TESTING PERFORMED</u>          |                          |                      | 9                          |                             |                                  |                          | ,           |
| MING READING                      | MAIN CHARGE              | TOP CHARGE           | DISCHARGE                  | MAIN CHARGE                 | TOP CHARGE                       | DISCHARGE                | <del></del> |
| S PER CELL:                       | DATES-17 AMPSO.O         | DATE: 2-17 MP8.0     | DATE: 2-17 AMP 40.0        |                             | DATE: 2-18 A                     | MPSO DATE:AMI            | P \         |
| 30                                | VOLTS PER CELL:<br>1\¬\O | VOLTS PER CELL:      | WOLTS PER CELL: 60 MIN     | VOLTS PER CELL:             | VOLTS PER ŒLL:                   | VOLTS PER ŒLL:           |             |
| 30                                | 2 172                    | 2 168                | 1. 105                     | 4172                        | <u> </u>                         | \ <del>\</del>           | 1           |
| 31                                | 3 172                    | 3.167                | 3 11 1                     | 2 171                       | 2 167                            | 2.\                      | -           |
| 131                               | 172                      | 4_167_               | 107                        | 4 110                       | 3 169<br>4 161                   | 1 3 1                    | 1           |
| 30                                | 5_171                    | 5_167                | 5_111                      | 5 172                       | 5 168                            | $\frac{x}{5}$            | }           |
| 130                               | 6. 172                   | 6. 167               | 6 103                      | 6 169                       | 6. 166                           | 6. \                     |             |
| 124                               | 7. 173<br>8 172          | 7. 168               | 7_106                      | 7. 172                      | 7. 168                           | 1 2 1                    |             |
| 131                               | 9 172                    | 8. 168               | 8_110                      | 8 173                       | 8 69                             | 8. Y                     |             |
| 131                               | @148                     | 9. 168<br>10. 159    | 9_111                      | 9. 173                      | 9. 69                            | 9/                       |             |
| 131                               | 11. 172                  | 11. 168              | 10. 115                    | 10 170                      | 10. 165                          | 10                       |             |
| 136                               | 12.173                   | 12. 169              | 11. \\0 12. \06            | 11. 172                     | 11. 168                          | 11                       |             |
| 131                               | 13 172                   | 13. 168              | 13. [1]                    | 13 172                      | 12. <u>168</u><br>13. <u>\68</u> | 12.                      | 1           |
| 130                               | 13 145                   | 14. 157              | 14.116                     | 14.167                      | 14. 162                          | 13.                      |             |
| 131                               | 15. 173                  | 15. \68              | 15 109                     | 15.173                      | 15. 169                          | 14                       | İ           |
| 130                               | 16. 171                  | 16. 166              | 16 105                     | 16 168                      | 16. 166                          | 1/2                      |             |
|                                   | 17. 176                  | 17. 171              | 17.105                     | 17.173                      | 17. 169                          | 12:                      |             |
| 130                               | 18 155                   | 18. \ 60<br>19. \ 51 | 18 109                     | 18 169                      | 18. 166                          | /18                      | :           |
| 130                               | 20. 173                  | 20.169               | 19. 113                    | 19 169                      | 19 167                           | /19                      |             |
| 25.9 1015                         | TOTAL 33.7 VOLTS         | TOTAL 33.2 VOLTS     | 20.107<br>10112 21.5 VOLTS | 20 173<br>1011 343 VOLTS    | 20 (GB)                          | VOLTS / ZO               |             |
|                                   |                          |                      | 101112                     |                             | <del></del>                      | _VOLTS   TOTAL           | _VOLTS      |
| ON OF BATTERY UPON I              |                          | arged.               | 1,000 AMP START            | 1000 NI                     | A                                | volts                    |             |
| Y                                 | GO MINUTES               | 40                   | AH FULL CHARGE:            | વુદક                        | TEM                              | PERATURE PROBE CHECK: VE | S           |
| CHARGE, OPEN ORCUIT<br>PERFORMED: | 26.5                     |                      |                            |                             |                                  |                          |             |
| בארטאויזבט:                       |                          |                      |                            |                             |                                  |                          |             |
|                                   |                          |                      |                            |                             | •                                |                          |             |
| ATER CHECKEEN ADDED               | TORY                     | QUED                 | DEEP CYCLED                | RECHARGE                    | ED.                              |                          |             |
| × 140 CCH20 /                     |                          | DAI                  |                            | TOP CHAR                    |                                  |                          |             |
| E BY:                             | 400 . 50mme              | DAI OC PER           | PAIRMAN NO.:               | IUI COM                     | i.e.                             |                          |             |
| NSPECTOR:                         | Jan au                   |                      | P NO.:                     |                             |                                  |                          |             |
| ( ' '                             | (, )                     | TAGGED: X8130        | - 3YELLOW _                | GREEN                       |                                  |                          | 7           |
| $\sim$                            | <b>( )</b>               | <i>y</i> <           | (                          |                             |                                  | FORM DA 14               | l .         |

| i.<br>UNIT                                                                                                                                                                                                                                                                                                     | TED STATES 2.                | U. S.                    | FORM THINESS APPR Department of Tran ral Aviation Admin | sportatio            | n '           | 3.              | System Tracki                         | ing Ref. No.<br>Э975       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------|---------------------------------------------------------|----------------------|---------------|-----------------|---------------------------------------|----------------------------|
| 4. Organizati<br>Dynamo Avi<br>16129 Lead<br>Van Nuys, (                                                                                                                                                                                                                                                       | iation, Inc.<br>well St      |                          |                                                         |                      |               | 5.              |                                       | Contract, or Invoice       |
| 6. Item                                                                                                                                                                                                                                                                                                        | 7. Description               | 8. Part Number           | 9. Eligibility                                          |                      | 10. Quantity  | 11 Serial/Batch |                                       | 12. Status/Work            |
| 1.                                                                                                                                                                                                                                                                                                             | Battery                      |                          | *******                                                 | ******               | 1.            |                 | · · · · · · · · · · · · · · · · · · · |                            |
| <u> </u>                                                                                                                                                                                                                                                                                                       |                              | SP-400                   |                                                         |                      |               | 8812674         | 4                                     | Deep areles                |
|                                                                                                                                                                                                                                                                                                                | d, Water Level Checked, Tord |                          |                                                         |                      |               |                 |                                       |                            |
| 14.                                                                                                                                                                                                                                                                                                            | parts must be accompanie     | u by maintenance history | including total time                                    |                      | les/time sind | ce new.         | <del></del>                           | i i                        |
| New<br>Newl                                                                                                                                                                                                                                                                                                    | y Overhauled                 |                          |                                                         | 19.<br><b>Retu</b> i | rn to Servic  | e in Accordanc  | e with FAI                            | R 43.9                     |
| Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.  NOTE: In case of parts to be exported, the special requirements of the importing country have been met. |                              |                          |                                                         |                      |               |                 |                                       |                            |
| 15. Signatu                                                                                                                                                                                                                                                                                                    | re                           | 16. FAA                  | Authorization No.:                                      | 20. Auti             | norized Sign  | ature           |                                       | Certificate Number         |
|                                                                                                                                                                                                                                                                                                                | Typed or Printed):           | 18. Date:                |                                                         | 22. Nan              | ne Typed or   | Printed):       | 23.                                   | 3R676L<br>Date:<br>2-19-00 |
| AA Form 8130                                                                                                                                                                                                                                                                                                   | <b>-3</b> (11-93)            |                          |                                                         |                      |               |                 |                                       | applicable technical data. |

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O. NO.: PO-000120.3

### Dynamo Aviation, Inc. FAA Repair Station No. LZ3R676L 16129 Leadwell Street Van Nuys, CA 91406

INVOICE NO .: 22975

WORKSHEET B

| 13   1   170   1   166   1   166   1   167   168   174   168   174   174   175   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   176   1   | E: <u>26.0</u> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| NONTROPERCEUL:   NAMP   NAME   |                |
| 136   101   13   16   16   16   16   16   16   1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AMP            |
| OF CHARGE, OPEN ORCUIT: 26-8 MINUTES 40 I,000 AMP START LOAD: VOLTS  OF CHARGE, OPEN ORCUIT: 26-8 TEMPERATURE PROBE CHECK: YOUR PERFORMED: REPLACED CELLS # 17, 2 P.N.: 40SPLOO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28             |
| WATER CHECKED ADDED  TORQUED  TOP CHARGE  TOP CH | 4              |

|                                                                            | ITED STATES                                                                                                                                              | U.                                                                                                | FORM ORTHINESS APP S. Department of Tra ederal Aviation Adm | PROVAL                                      | TAG                                                               |                                                                                    | 3. System Trac                                      |                                                                           |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------|
| 4. Organiza                                                                | ition                                                                                                                                                    |                                                                                                   |                                                             | imistration                                 |                                                                   |                                                                                    | 1 229                                               | 172                                                                       |
| Dynamo Av                                                                  | viation, Inc. 16129 Leadwel                                                                                                                              | I St. Van Nuvs. Ca. 91406                                                                         | <b>.</b>                                                    |                                             |                                                                   |                                                                                    |                                                     | , Contract, or Invoice                                                    |
| 6. Item                                                                    | 7. Description                                                                                                                                           |                                                                                                   |                                                             |                                             |                                                                   |                                                                                    | 229                                                 |                                                                           |
|                                                                            |                                                                                                                                                          | 8. Part Number                                                                                    | 9. Eligibili                                                | ity                                         | 10. Quantity                                                      | 11. Serial/F                                                                       | Batch Number                                        | <u>G</u>                                                                  |
|                                                                            | Power Supply                                                                                                                                             | PS-823 B/T                                                                                        | ******                                                      | *******                                     |                                                                   |                                                                                    |                                                     | 12. Status/Work                                                           |
|                                                                            |                                                                                                                                                          | 13.823 /                                                                                          | **********                                                  | **********                                  | 1.                                                                | 1310                                                                               | )                                                   | Deep Cycl                                                                 |
| 3. Remarks                                                                 |                                                                                                                                                          |                                                                                                   | P.                                                          |                                             |                                                                   |                                                                                    |                                                     |                                                                           |
| ReF                                                                        | placed Pack                                                                                                                                              | L Functions                                                                                       | al checke                                                   | 801                                         |                                                                   |                                                                                    |                                                     |                                                                           |
|                                                                            |                                                                                                                                                          |                                                                                                   |                                                             |                                             |                                                                   |                                                                                    |                                                     | •                                                                         |
|                                                                            |                                                                                                                                                          |                                                                                                   |                                                             |                                             | es/time sino                                                      | e new,                                                                             |                                                     | •                                                                         |
| mit <b>ed life</b><br>New<br>Newl                                          | parts must be accompand                                                                                                                                  | ied by maintenance hist                                                                           | ory including total tim                                     | ne/total oyole                              |                                                                   |                                                                                    | ince with FA                                        | R 43.9                                                                    |
| New Newl ertifies the sotherwise the FAA a                                 | by Overhauled                                                                                                                                            | hauled part(s) identified as (were) manufactured airworthiness.                                   | above, except                                               | 19. Return Certifie above regulati          | to Service<br>es that the w<br>was carried<br>ions and in         | in Accorda                                                                         | ロ いんだ いっぱっゃ                                         |                                                                           |
| New Newl ertifies the sotherwise the FAA and DTE: In continuous signature. | by Overhauled                                                                                                                                            | hauled part(s) identified as (were) manufactured airworthiness.                                   | above, except                                               | 19. Return Certifie above regulati is (are) | to Service<br>es that the w<br>was carried<br>ions and in         | o in Accorda<br>ork specified<br>out in accord<br>respect to the<br>or return to s | d in block 13 (dance with FA) e work performervice. | (or attached) A airworthiness med the part(s) Certificate Number          |
| New Newl ertifies the sotherwise the FAA and DTE: In continuous signature. | by Overhauled                                                                                                                                            | hauled part(s) identified as (were) manufactured airworthiness.                                   | above, except in accordance ents of the                     | 19. Return Certifie above regulati is (are) | es that the was carried ions and in approved for the prized Signa | ork specified out in accordance respect to the or return to s                      | d in block 13 (dance with FA) e work performervice. | (or attached) AA airworthiness med the part(s)  Certificate Number 3R676L |
| New Newl ertifies the sotherwise the FAA and DTE: In continuous signature. | by Overhauled  at the new or newly overlase specified in block 13 was approved design data and case of parts to be exported porting country have been re | hauled part(s) identified as (were) manufactured airworthiness.  ed, the special requirement met. | above, except in accordance ents of the                     | 19. Return Certifie above regulati is (are) | es that the was carried ions and in approved for ized Signa       | ork specified out in accordance respect to the or return to solution.              | d in block 13 (dance with FA) e work perfondervice. | (or attached) AA airworthiness med the part(s) Certificate Number         |

# Airworthiness Approval Tag User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the regulations by the user/installer before the aircraft may be flown.

DYNAMO AVIATION, INC.
FAA Repair Station No. LZ3R676L
16129 Leadwell Street Van Nuys, CA 91406

og<mark>mi ero</mark> willenoc

Form DA1300

# Work Sheet A

| CUSTOMER Rola Wast DATE 2-16-00 DEL REQ'D                                    |
|------------------------------------------------------------------------------|
| INVOICE A2972 PURCHASE ORDER NO. PO-000130.3                                 |
| MFG. JET CHARGERATE 200 MA DISCHARGE 2.0 Amps.                               |
| TYPE PS-823 B/T PART NUMBER 501-1075-06 SERIAL NO. 1310                      |
| PHYSICAL CONDITION GOOD. COMPLIED WIFAA AD 80-18-087 4ES.                    |
| FUSES GOOD. CONDITION OF REAR CONNECTOR GOOD.                                |
| RESIDUAL VOLTAGE OF PACKS WHEN RECEIVED PACK A 25.9 PACK B 26.0              |
| Charged PACKA PACKB                                                          |
| NO. OF OPEN CELLS PACK B PACK B PACK B                                       |
| NO. OF CELLS REPLACED NAME OF CELLS REPLACED                                 |
| END OF CHARGE VOLTAGE 27.                                                    |
| CAPACITY CHECK A 60 MIN % CAPACITY CHECK B NEW %                             |
| REASSEMBLY COMPLETE 4 05                                                     |
| TRANSISTOR LEAKAGE CHECK                                                     |
| INVERTER CHECK: AC VOLTAGE PINS 7+3= 130 DC VOLTAGE PINS 7+11= PINS 3+1= 130 |
| PINS 7+4=29.0 $PINS 7+5=5.1$                                                 |
| COMMENTS, Replaces Pack B" BFFD CUCLES ON                                    |
| Auretional Cheeren                                                           |
|                                                                              |
| $\mathcal{L}_{\mathcal{A}}$                                                  |
| REPAIRED BY TOOK ON SEPAIR CERT.                                             |
| CHIEF INSPECTOR CHIEF INSPECTOR                                              |
| TAGGED: 8130 KELLOW GREEN RED_                                               |

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|                                                                                           |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                          |                                                                | `                                                          | ,                      |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------------------|
| 1. UNITED STATES                                                                          | FAA                                                                                                                                                                                          | <b>FAA FORM 8130-3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3130-3                                                                                                                                                                                                                   | 3. System                                                      | System Tracking Ref. No.                                   |                        |
|                                                                                           | AIRWO!<br>U.S. D<br>Fede                                                                                                                                                                     | AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | OVAL TAG portation stration                                                                                                                                                                                              | AS                                                             | ASE3197KP                                                  |                        |
| 4. Organization<br>ALLIEDSIGNAL AEROSPACE                                                 | ALLIEDSIGNAL ENGINES<br>111 S. 34TH STREET P.O.<br>PHOENIX, AZ 85034-2181                                                                                                                    | 0. BOX 52181<br>31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PRODUCTION APPROVAL<br>PC 413                                                                                                                                                                                            | <u>ம்</u>                                                      | Work Order, Conirad or Invoice Numbor<br>C-521621          | ice Numbor             |
| 6. Item 7. Description                                                                    | 8. Part Number                                                                                                                                                                               | P. Eligibility*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10. Quantity 11. Serial/Batch Number                                                                                                                                                                                     | h Number                                                       | 12. Statu                                                  | Status/Work            |
|                                                                                           | 170                                                                                                                                                                                          | VARIOUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                          | 985                                                            | NEW                                                        | A                      |
| 13. Remars AIRWORTHINESS APPROVAL - PARTS. FOR THIS FORM IS NOT AN EXPORT APPROVAL.       | AL - PARTS. FOR DOMESTIC<br>EXPORT APPROVAL.                                                                                                                                                 | SHIPMENTS ONLY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                          |                                                                |                                                            |                        |
| Limited life parts must be ac                                                             | Limited life parts must be accompanied by maintenance hi                                                                                                                                     | istory including                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | total time/total cycles/time sign                                                                                                                                                                                        | since new.                                                     |                                                            |                        |
| 14. New X<br>Newly Overhauled                                                             |                                                                                                                                                                                              | 6:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | vice In Accor                                                                                                                                                                                                            | nce with FAR 43.9                                              |                                                            |                        |
| Certifies that the new or new as otherwise specified in bloc with FAA design data and air | Certilies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA design data and airworthiness. | Kanada and Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan Amerikan A | Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to work performed the part(s) is (are) approved for return to service. | ed in block 13 (or<br>n FAA airworthines<br>ne pan(s) is (are) | attached) above<br>ss regulations and<br>approved for retu | was<br>I in<br>urn to  |
|                                                                                           | orted, the special requir                                                                                                                                                                    | nts of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                          |                                                                |                                                            |                        |
| 15. Signature Linux C.                                                                    | Jet F. ODA                                                                                                                                                                                   | ation 140, 20.<br>16NM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Authorized Signature                                                                                                                                                                                                     |                                                                | 121. Cedil                                                 | 121.Certilicate Number |
| KENNETH C. PRICE                                                                          | 18. D.                                                                                                                                                                                       | 18. Date 22. Name 11-4-99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ame (Typed or Printed)                                                                                                                                                                                                   | ,                                                              | 23. Date                                                   |                        |
| FAA form 8130-3 (11-93)                                                                   |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (Optional) Installer must cross check eligibility with applicable technical data                                                                                                                                         | heck eligibility with                                          | h applicable téchr                                         | nical data.            |

|                   |                                               |                                            |                                                                                                             | ICON                                                                                                  | HEA                                    | LT4 36                                               | 920              |
|-------------------|-----------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------|------------------|
| 1.<br>TINI        | TED STATES                                    | 2.                                         | FAA FOR<br>AIRWORTHINESS                                                                                    |                                                                                                       |                                        | 3. System Tr                                         | racking Ref No.  |
|                   | ~                                             | 4 N 4                                      | U.S. Department                                                                                             | of Transportation n Administration                                                                    |                                        | C7Y                                                  | 9A001            |
| 4. Orga           | nnization                                     |                                            |                                                                                                             |                                                                                                       | 5.                                     | Work Order, Cor                                      | tract or Invoice |
| $\overline{}$     | Duncan                                        | Aviation/Li                                | ncoln Airport/Lincoln, NE                                                                                   | 68524                                                                                                 |                                        | C7Y                                                  | 9A               |
| o. item           | 7. Description                                |                                            | 8. Part Number                                                                                              | 9. Eligibility*                                                                                       | 10. Qty                                | 11. Serial/Batch                                     | 12. Status/Work  |
| 001               | COMPUTER,<br>FLIGHT GU                        | ID                                         | 622-5224-005                                                                                                | TBV by<br>installer                                                                                   | 001                                    | 5128                                                 | Inspected        |
| 13. Ren           | narks                                         | ·                                          |                                                                                                             | 1                                                                                                     | l <u></u>                              |                                                      |                  |
|                   | IFR AVIONI<br>P/N 622-52<br>Discrepanc        | 24-005<br>y: Inte                          | S/N 5128<br>rmittent compute                                                                                | r flag when he                                                                                        | FGC-80<br>eading                       |                                                      |                  |
|                   | HSI is mov                                    | ed. Fla                                    | g pops into view                                                                                            | on pilots ADI                                                                                         | Γ.                                     |                                                      |                  |
|                   | Preliminar<br>defective                       | y findi<br>when en                         | ngs: Bench check<br>vironmentally te                                                                        | ed. Found Comp<br>sted cold.                                                                          | outer                                  | monitor ci                                           | rcuit            |
|                   | defective                                     | compone                                    | s: Troubleshot control<br>nts, cleaned, and<br>OF Flight Guidan                                             | d inspected.                                                                                          | Funct                                  | ional test                                           |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
| $\overline{}$     |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   | TECHNICIAN                                    | . STANI                                    | EY R. PROCHASKA                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   |                                               |                                            |                                                                                                             |                                                                                                       |                                        |                                                      |                  |
|                   | This                                          | docume:                                    | nt constitutes a                                                                                            | signed copy o                                                                                         | of the                                 | work orde                                            | r.               |
|                   |                                               |                                            | ied by maintenance history in                                                                               | <del></del>                                                                                           |                                        |                                                      | 42.0             |
| 14.               | New                                           |                                            | Newly Overhauled                                                                                            | 19. Return to Servic                                                                                  |                                        |                                                      |                  |
| except a          | s otherwise specifie<br>nce with FAA appro    | d in block 13<br>oved design da            | d part(s) identified above,<br>was (were) manufactured in<br>ata and airworthiness.                         | Certifies that the work carried out in accordar respect to the work per to service.                   | ice with FA                            | AA airworthiness re                                  | gulations and in |
| NOTE:<br>importin | In case of parts to b<br>ng country have been | e exported, the<br>n met.                  | ne special requirements of the                                                                              | lo service.                                                                                           |                                        |                                                      |                  |
| 15. Signa         | ature                                         |                                            | 16. FAA Authorization No.                                                                                   | 20. Authorized Signatur                                                                               | ., , , , , , , , , , , , , , , , , , , | mcan                                                 | tificate Number  |
| 15. ) ;           |                                               |                                            | 10 D                                                                                                        | Yere                                                                                                  | ner                                    | 23. Dai                                              | R194F            |
| 17. Nam           | e (Typed or Printed                           | )                                          | 18. Date                                                                                                    | 22. Name (Typed or Pr<br>Steve J. Ki                                                                  | rings                                  | 3                                                    | /30/00           |
|                   | It is importan                                | t to understand th                         | at the existence of this document alone                                                                     | Tag User/Installer Respondes not automatically constitute                                             | authority to in                        | stall the part/component                             | assembly.        |
|                   | Where the user/in specified in block          | staller work in ac<br>1, it is essential t | cordance with the national regulations o<br>hat the user/installer ensures that his/her<br>Authority of the | f an Airworthiness Authority diff<br>Airworthiness Authority accepts<br>country specified in block I. | erent than the<br>parts/compor         | Airworthiness Authority<br>nents/assemblies from the | Airworthiness    |
| , <b>\</b> .      | Statements on blo-                            | ck 14 and 19 do i                          | not constitute installation certification. I accordance with the national regulations                       | n all cases aircraft maintenance r<br>by the user/installer before the a                              | ecords must co<br>ircraft may be       | ontain an installation cert<br>flown.                | ification issued |
| 1                 | The I                                         |                                            | 2 and IAA Form One are equivalent O                                                                         |                                                                                                       |                                        |                                                      |                  |

FAA Form 8130-3 (11/93)