

Ogden Air Logistics Complex



OO-ALC RLCRS Systems

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PMB Process



OGDEN AIR LOGISTICS COMPLEX

- 2000 lbs. of haz. waste per AC
- Multiple operators in PPE
- 10-14 Flow days
- 500+ man hrs. (prep, blast, de-prep, pre & sand for paint)
- Reduces fatigue life of OML skins





PMB Process



OGDEN AIR LOGISTICS COMPLEX

- 10-12 lbs. of waste (Eliminates 2,000 lbs.)
- 150-250 man hrs. reduction
- 3-5 Flow day reduction
- Removes worker from PMB environment
- No impact to Airworthiness



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F-16 RLCRS



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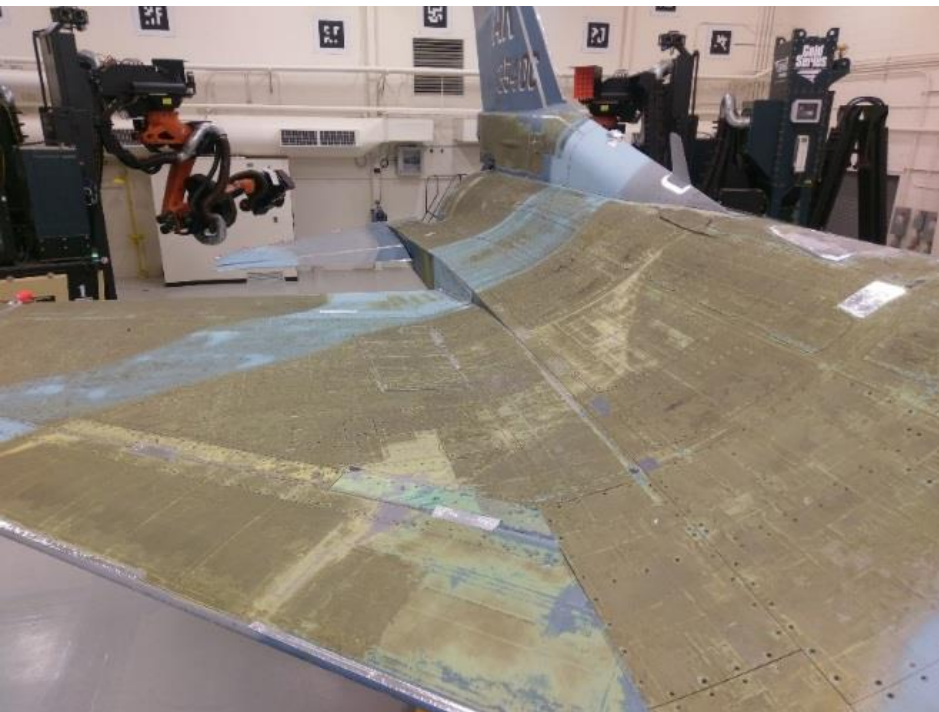
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RLCRS De-painted AC



OGDEN AIR LOGISTICS COMPLEX





RLCRS De-painted AC



OGDEN AIR LOGISTICS COMPLEX





F-35 Efforts



OGDEN AIR LOGISTICS COMPLEX

- RLCRS gives capability to Maintain Coating Thickness by easily and uniformly taking 2-3 mils off for the painters to then re-apply.
- We are currently leading an effort to work with Lockheed Martin, F-35 JPO, USAF Rapid Sustainment Office, and NAVY to explore capabilities and benefits.
- RLCRS technology looks to be a game changer for future F-35 Coating removal requirements.



Other RLCRS Efforts

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■ AMARG RLCRS

- Identical to current F-16 system but with newer Hardware and components
- Take on additional F-16 De-paint Workload from OO-ALC.
- Looking to run IOC (Initial operation Capability) AC through Fall 2021.

■ LADS III

- Replace LADS II (CO2) with a Fiber delivered beam
- Will add selective coating capability with same closed loop control systems as the F-16 RLCRS
- Afford capability to de-paint off air frame components (wings, flight controls, etc.)



End



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