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Our Problem

Age of the Facilities and equipment:

- Over 80 percent of the Marine Corps OIB square footage at MCLB Albany was built in 1950s
- A total of 31 percent of these facilities have a Quality Rating (Q-Rating) of poor; approx. 50 percent are rated as fair
- Dispersed building locations and the smaller additions constructed over 70 years complicates logistics streams and hinders the implementation of modern industrial processes
- Marine Corps OIB capital equipment on average, over 31 years old
- Comparison; average age of capital equipment in the private sector is 7.7 years.
- Revitalization of Capital Equipment is essential to maintain depot maintenance capabilities Current expenditures only reduce the rate of decline; do not sufficiently modernize

Capital equipment status:

- Of the 693 pieces of capital equipment analyzed, 91 percent is beyond expected service life
- Of the 9 percent of equipment within its service life, 28 percent has < 36 months expected service life remaining.
- The current state of Marine Corps equipment at MCLB Albany and MCLB Barstow summarized in the chart

The Marine Corps recognizes the importance of its capital equipment and has improved the posture of its capital equipment accounts; however, the Marine Corps is limited in its ability to rapidly adapt due to systematic constraints detailed below.

Category	Average Age (years)
CNC Machine Tools	10.5
Cleaning/Coating Equipment	18.4
Compressors	19.2
Temporary Structures	20.7
Other	22.8
Automated Test Equipment	25.6
Automated Data Processing Equip (ADPE)	25.7
Special Tools	31.8
Electrical	32.1
Instruments	32.8
Fixtures	33.2
Manual Machine Tools	34.9
Mechanical Test Equipment	35.0
Cranes	38.8



Our Solution

Marine Corps OIB facilities plan:

- Based on a 25 year horizon to guide decision making
- Speed can be increased or decreased as the Marine Corps balances needs with Force modernization investments
- Provides effective, efficient, and economical maintenance solutions
- Established vision based on real property assets, workload demands, developmental constraints and opportunities

Marine Corps OIB Facilities Plan provides an implementation strategy categorized into four planning actions.

Repair: Restores facilities with condition deficiencies of fair to poor condition ratings to a good condition rating.

Repurpose: Renovates facilities to match functionality with the required industrial process.

Consolidate: Replaces and consolidates small, limited use, less flexible facilities with larger support facilities to alleviate process constraints, provide adaptability, improve logistics streams, and support modern industrial processes and technologies.

Construct: Constructs new flexible and state-of-the-art facilities that meet mission requirements.





Our Opportunity

Depot Maintenance Workload Trend

