

Distribution: A

# **Aircraft Structural Maintenance Section (ASM) Joint Base Elmendorf-Richardson (JBER) Alaska**

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*Providing USINDOPACOM with continuous unrivaled air, space, and cyberspace capabilities to ensure regional stability and security*

## **C-17 Composite Sustainment Efforts**



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3 MXS/MXMFSH  
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Distribution: A - Approved for public release; distribution is unlimited



# Overview

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  - What we do
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- **Questions**





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# JBER Aircraft Structural Maintenance





# Who we are

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We are a TFI unit that consists of the 176<sup>th</sup> Air National Guard and 3<sup>rd</sup> Maintenance Squadron that shares the responsibility for C-17 maintenance.

Location: Joint Base  
Elmendorf-Richardson



## 25 ASM Personnel

- Military: 18
- Civilian: 5
- ANG: 7



# What we do

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- 3<sup>rd</sup> ASM performs structural repairs on all assigned C-17, E-3, and F-22 aircraft.
- 176<sup>th</sup> ASM performs structural repairs on all assigned C-17, HH-60, and C-130 aircraft.
- Conducts paint scores/touch-ups on C-17 and E-3 aircraft, applies tail flashes to DEPOT return C-17 aircraft, removes tail flashes and markings from E-3 and F-22 aircraft (Gray Tail).
- Performs 16 C-17 Home Station Checks annually by executing work cards, scheduled and unscheduled maintenance.
- Supports unscheduled maintenance for all transient aircraft in addition to assigned aircraft.





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# Capabilities and Equipment





# Specialized Training

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## AF Advanced Composite Office (ACO) training

### Benefits:

- **Cost Savings** (approximately \$50K)
  - \$5K per student (airline tickets, rental car, hotel, per diem).
  - \$10K to send 2 instructors/equipment for 12 students.
- **Time Savings** (2 weeks per student)
  - Schoolhouse training is 3 weeks with travel on weekends.
  - ACO training is 1 week for 6 students with 2 instructors.
- **Specialized Training**
  - Tailors MDS-specific training using our own equipment.





# Specialty Equipment Assigned





# Specialty Equipment Assigned





# Specialty Equipment Assigned





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# Sustainment Projects



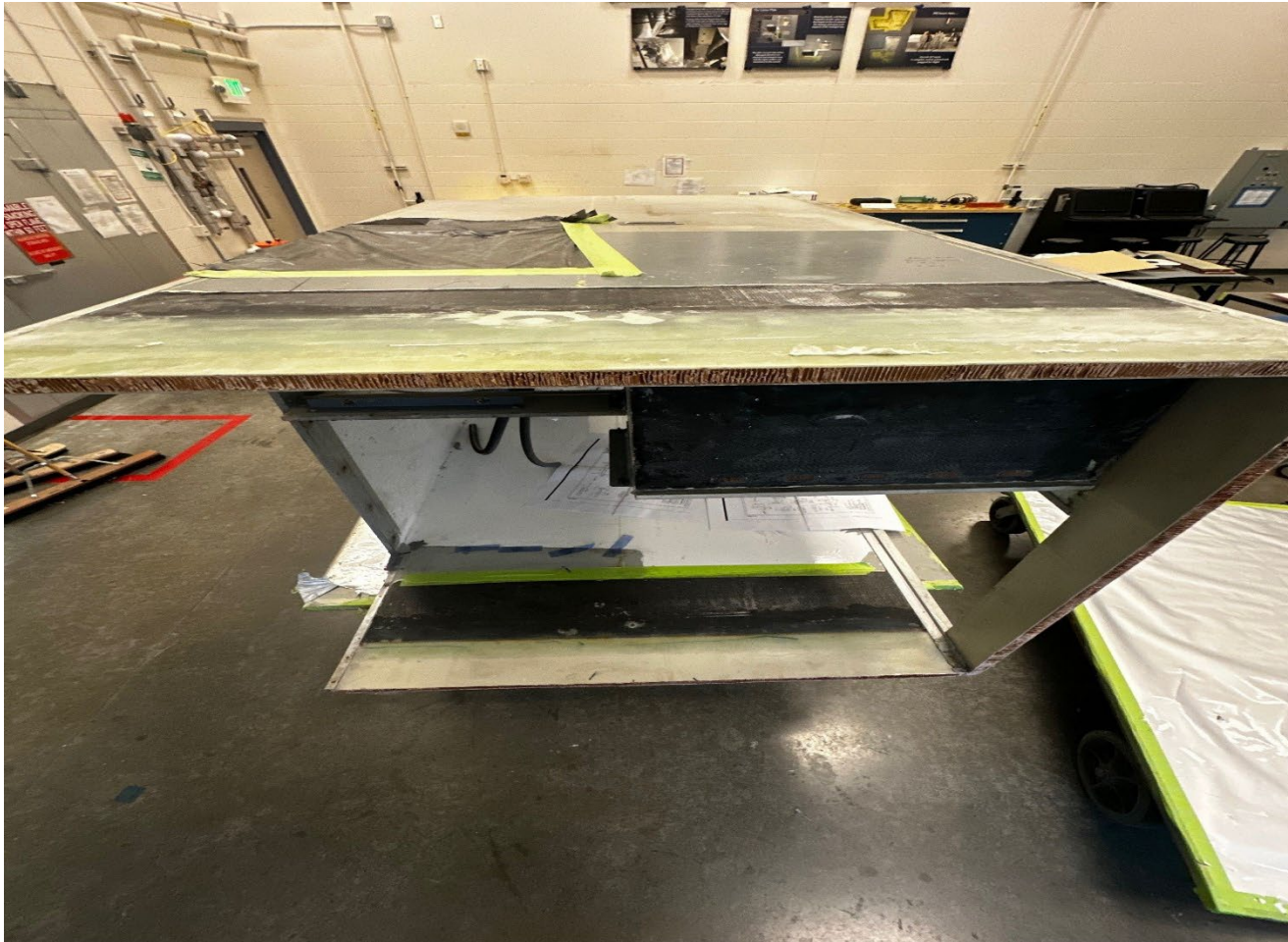


# Lavatory Extended Repair





# Lavatory Extended Repair



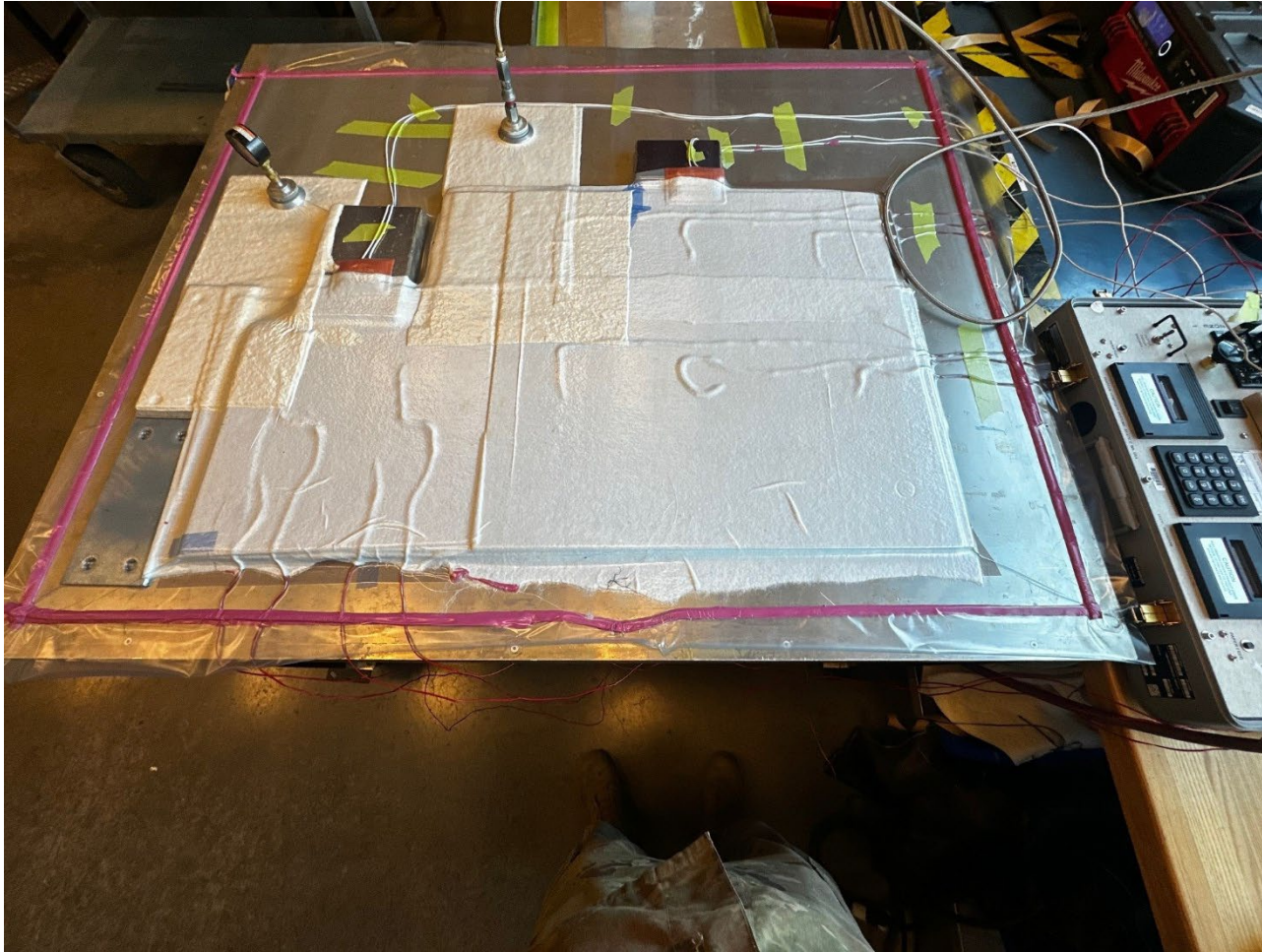


# Lavatory Extended Repair





# Lavatory Extended Repair





# OML MLG POD Panel Disbond





# OML MLG POD Panel Disbond



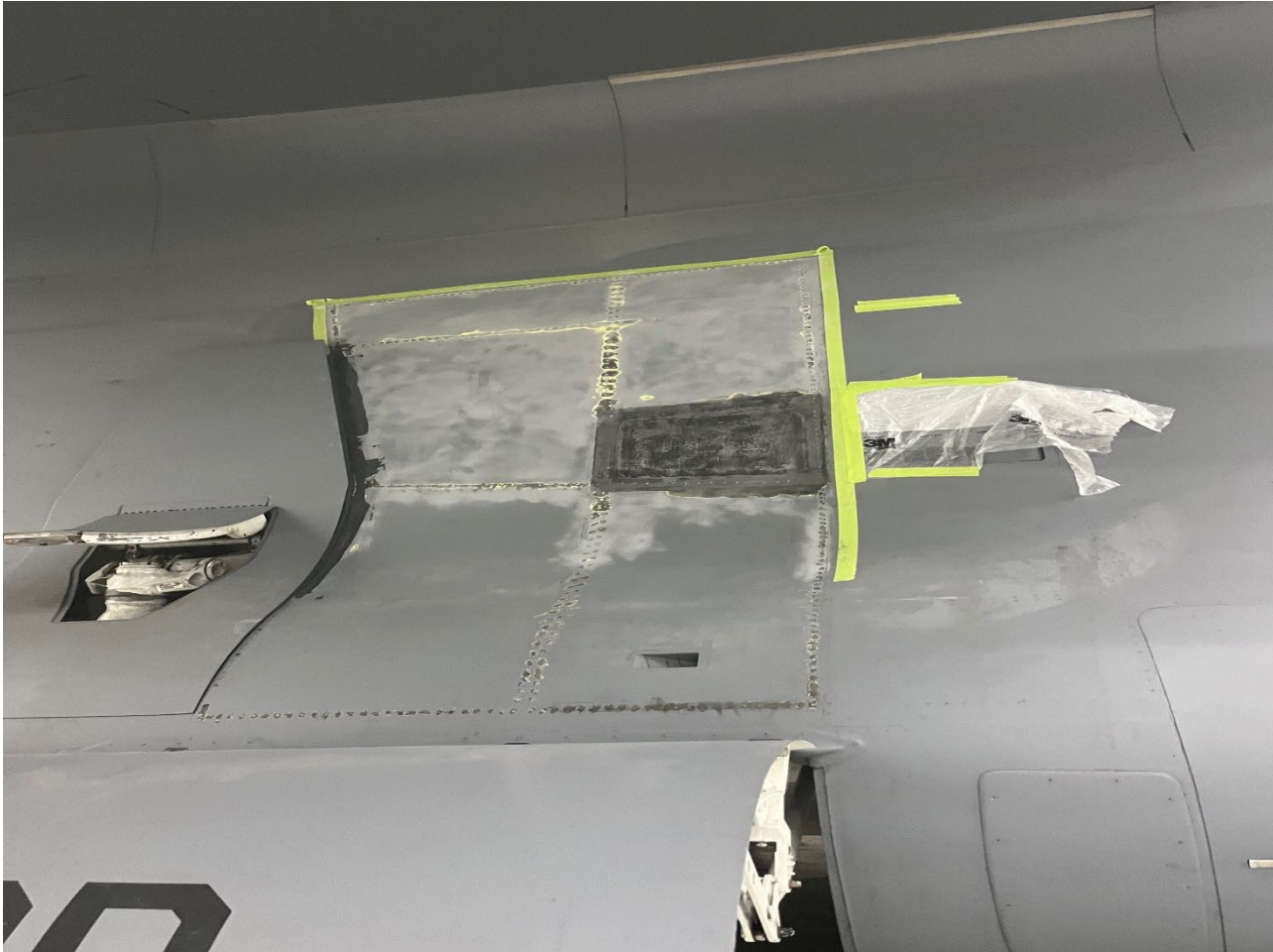


# OML MLG POD Panel Disbond





# OML MLG POD Panel Disbond





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# Shortfalls





- **Technical Order/Supply Constraints**
  - Ordered chemicals average over 6 months to arrive because of geographic location shipping constraints.
  - Prepreg materials ordered overseas only through Government Purchase Card channels.
  - Outdated chemicals no longer available drive engineering and extensive TO change requests.
  - Expensive prepreg materials without shelf-life extensions per TO 1-1-690 paragraph 2.1.





- **Technical Order/Supply Constraints**

- Engineering requests for material substitutions due to extensive material manufacture backlogs.
- Orderable parts no longer available that require engineering request for repair limitations.
- Equipment shortfalls, non-procurable through equipment specialist, requires components to be shipped to a different base with repair capabilities.





# Manning

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- **176<sup>th</sup> Manning Shortfalls**
  - Two open unfilled positions, SSgt AGR and a WG 10 Technician position currently available.
  - Six open DSG positions w/\$60K signing bonus w/6-year enlistment.
  - Advertised on DMVA Alaska and USA jobs.
  - POC = SMSgt Michael Sicotte @ (907) 551-0811





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# Questions?

