



PROGRAMS

INNOVATION. QUALITY. COMMITMENT.



■ PEO Aviation – Flexible Engine Diagnostic System (FEDS)

PROGRAM DESCRIPTION –FEDS is a turbo shaft engine test stand used to test and verify flight readiness status of helicopter engines. Engine models tested are the T700, T64, T63, T55, and T53. MJLM was tasked to perform system upgrades and modifications to the A/ES7T-33 Turbo-shaft Engine Test System, also known as FEDS.

MJLM SCOPE OF WORK – Engineering & Fabrication

- Fabricated Bellmouth molds for out-of-frame testing
- Coordinate production with IPT stakeholders
- Fabricated 500+ interior and exterior cables
- Review of ECPs, NMRs, NORs, & Requests for Deviation
- Evaluate and update TDPs and TMs for accuracy
- Verify & Validate newly integrated D-FEDS system functions
- Requirements & CM analysis of existing & developed HW

DISCRIMINATORS –

- ISO 9001:2015 Certified
- MIL-SPEC Cable & High-Mix electronics board manufacturing
- Improve system reliability and maintenance processes



Developed and deployed Dynamometer Warning System (DWS) Prototype



#BD2018FULLv1