USAF C-17 Cargo

27 Jun 2018
Issue:
- Contract delivery of replacement FEDS panel assemblies late to need

Cause:
- Contracting delays, technical issues, and previous Lot Acceptance Test (LAT) failures combined with the relatively short shelf/service life of the FEDS panel assemblies have resulted in major backlog

Impact:
- C-17 System Safety Program Office and Boeing conducted informal risk hazard assessment (RHA) determining two to five year extensions beyond the current assigned shelf/service life are acceptable – C-17 SPO reevaluating/updating RHA

Get Well:
- 5-Year Indefinite Delivery Indefinite Quantity (IDIQ) contract was awarded in Sep 2017
  - Administrative lead time greatly reduced
  - Orders for new FEDS panels in place
  - Contractor looking into capacity expansion to keep up with production requirements
- FY16 Contract
  - Forward panel assemblies delivered Mar 2018
  - Aft panel assemblies scheduled to deliver Jun 2018
- FY17 IDIQ
  - Delivery Order
    - Forward panel assemblies scheduled to deliver Jun 2019
    - Aft panel assemblies scheduled to deliver Aug 2019
Retractor Pressure Cartridge

• NSN Change
  • From: 1377-01-393-4790ES, P/N 824036-1
  • To: 1377-01-651-1845ES, P/N 824036-02
    • Required due to change/type of Net Explosive Weight (NEW)
    • New NSN on Interim Hazard Class pending completion of hazard classification testing
    • Anticipate hazard class remaining 1.2.2C
Arm/Fire Initiators (AFI)

- **Shelf/Service Life Increase**
  - Shelf/Service life increased from 84/72 months to 108/84 months
  - Technical Order (TO) 11P3-3-24-7 in process of being updated
    - NSN 1377-01-382-0670ES, P/N 824355-1, Internal AFI
    - NSN 1377-01-382-0647ES, P/N 824355-2, External AFI
    - NSN 1377-01-382-0650ES, P/N 824054-101, Electrical AFI

- **Shelf/Service life remains 72/72 months**
  - NSN 1377-01-560-1521ES, P/N 6201200, Internal AFI
  - NSN 1377-01-560-1520ES, P/N 6201100, External AFI
  - NSN 1377-01-560-2165ES, P/N 6201300, Electrical AFI

- Surveillance testing scheduled for 2018 will include samples from all AFI manufacturers with the goal of increasing the shelf/service life if items demonstrate reliable aging trend
- Aircraft records must be annotated with applicable P/N to ensure the correct shelf/service life is being tracked for replacement