

UNCLASSIFIED

MSG DTG 201820Z MAY 09

FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SF-A//

SUBJECT - SAFETY OF FLIGHT (SOF), TECHNICAL, ALL OH-58A/C
SERIES AIRCRAFT, OVERHAULED T63-A-720 ENGINES, H-58-09-SOF-05

NOTE

This message is effective until rescinded or superseded.

NOTE

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (AC), Army National Guard (ARNG), United States Army Reserve (USAR), Army Service Component Commands (ASCC), and Direct Reporting Units (DRU) will immediately retransmit this message to all subordinate units, activities or elements affected or concerned, and immediately confirm this retransmittal by notification to the AMCOM SOF Compliance Officer at ["safeadm@conus.army.mil"](mailto:safeadm@conus.army.mil).

NOTE

Commanders or Directors (not lower than the grade of Major General or civilian equivalent) of ACs, ARNG, USAR, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9. Exception may only occur when combat operations, matter of life or death in civil disasters, or other emergencies, are so urgent that they override the consequences of continued aircraft operation.

NOTE

Commanders unable to comply with the requirements of this message within the time frame specified will change the affected aircraft status symbol to a Red //X//.

NOTE

Commanders, Facility Managers, and Contractors at all levels, to include DD 250 aircraft, will not issue aircraft until they are in compliance with this message.

NOTE

A listing of published safety messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums required by this message can be viewed/downloaded at: ["https://asmprd.redstone.army.mil"](https://asmprd.redstone.army.mil). This is a secure

website which requires an Army Knowledge Online (AKO),
["https://www.us.army.mil"](https://www.us.army.mil), user ID and password.

1. SUMMARY -

1.1. Background - H-58-08-SOF-01, dated 10 Jan 2008, was issued when significant quality issues were identified regarding T63 engines overhauled by Industria De Turbopropulsores (ITP) Ajalvir, Spain. An investigation attributed the discrepancies to assembly errors, poor process/quality controls, misinterpretation of overhaul requirements, and poor workmanship. Due to the elevated risk, a recall on all uninstalled ITP engines was implemented, and an inspection and flight restrictions were imposed for all installed ITP engines. Since then an adequate supply of replacement engines has been acquired to allow the required removal from service of all remaining ITP overhauled engines.

1.2. Message Purpose - Remove from service all ITP overhauled engines.

2. END ITEMS AFFECTED - All OH-58A/C series aircraft.

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED - Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Engine, Aircraft, Turbo-Shaft	T63-A-720	2840-01-013-1339

NOTE

When complying with the requirements of this message, complete forms and records entries IAW DA PAM 738-751. ULLS-A units will use appropriate "E" forms.

4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY - Upon receipt of this message, make the following entry on DA Form 2408-13-1. Enter a Red Horizontal Dash //-// status symbol with the following statement:
"Comply with requirements of H-58-09-SOF-05 NLT 28 MAY 09."

5. COMPLIANCE REPORTING REQUIREMENTS -

NOTE

Report compliance with this message, as defined below, via the AMCOM Message Tracking System (AMTRACKS) at ["https://amtracks.redstone.army.mil"](https://amtracks.redstone.army.mil). Unit personnel designated to submit compliance reports, that have not registered with AMTRACKS, must establish a profile at this web site before submitting their compliance reports.

5.1. Aircraft Initial Compliance Report - All initial reporting requirements will be accomplished as part of the "Final Compliance Report".

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS NLT 13 JUN 09 IAW AR 750-6. This report will include Aircraft SN, MDS, Date of Initial TAMMS Entry, Component SN, Inspection Results/Comments (enter "PASS" if the engine is not suspect or no engine is installed, or "FAIL" if a suspect ITP engine is installed), and check the block "Entered on DA Form 2408-15".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 29 MAY 09 IAW AR 750-6. This report will include Component Nomenclature, SN, and Inspection Results (enter "PASS" or "FAIL").

5.4. Wholesale Stock Task/Inspection Compliance Report (Including Depot Stock, Depot Maintenance and Single Stock Fund) - N/A.

6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) -
Aircraft in Transit (Surface/Air Shipment/Ferry Status/Aircraft Away From Home Station) - Unit Commanders unable to comply with the requirement specified in para 4 may defer making the initial Aircraft TAMMS entry until arrival at final destination. Adjust the date in the TAMMS Entry to be NLT 5 days after arrival at destination.

7. TECHNICAL PROCEDURES/INSTRUCTIONS -

7.1. Ensure H-58-08-SOF-01 has been applied prior to or concurrently with this message.

7.2. Inspect the DA Form 2408-13-1 to determine if a Circled Red //X// entry (flight restrictions) had been entered IAW para 7.2.1 of H-58-08-SOF-01.

7.2.1. If the Circled Red //X// entry is NOT entered, the inspection is complete. Proceed to para 7.3.

7.2.2. If the Circled Red //X// entry is on the DA Form 2408-13-1, enter a Red Diagonal "/" status symbol with the following statement: "Engine requires replacement IAW H-58-09-SOF-05 NLT 10 JUN 09".

7.3. Clear the initial entry from para 4 and note compliance on DA Form 2408-15.

8. PROCEDURES/INSTRUCTIONS FOR ASSEMBLIES/COMPONENTS/PARTS IN WORK OR IN STOCK (AT ALL LEVELS INCLUDING WAR RESERVES) -

Annotate the serviceability tag with: "H-58-09-SOF-05, Overhauled T63-A-720 Engines, not complied with." Do not remove original condition tags.

8.1. Items in Retail Stock - Commanders and facility managers that maintain retail stock at installation level and below will complete the following procedures.

8.1.1. Suspend issue of affected items until in compliance with message requirements.

8.1.2. Contact the supported aviation unit, as required, to perform the procedures required on affected items.

8.1.3. Comply with inspection and correction procedures as required to return items to serviceable stock.

8.1.4. Submit a Task/Inspection report IAW para 5.

8.2. Items in Wholesale Stock, Single Stock Fund, and in Work (Overhaul/Repair Facility) - Annotate the Serviceability Tag IAW para 8.

9. SPECIAL TOOLS AND FIXTURES REQUIRED - As required.

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Engine, Acft	T63-A-720	1	\$338006.00	\$338006.00
Turbo-Shaft	2840-01-013-1339			

Total cost per aircraft = \$338006.00

10.2. Bulk and Consumable Materials - N/A.

10.3. Requisitioning Instructions -Contact Wholesale POC in para 13.3 for requisitioning instructions.

10.4. Disposition of Discrepant Parts/Components -

Disposition instructions for engine turn-in are as follows:

Tag the engine Condition Code "E" and return to -

DODAAC: SW3227

DEF DIST DEPOT RED RIVER

RECEIVING BLDG 499

10th STREET AND K AVENUE

TEXARKANA, TX 75507-5000

10.5. Disposition of Hazardous Material - N/A.

11. MAINTENANCE APPLICATION -

11.1. Category of maintenance - AVUM.

11.2. Estimated Time Required -

11.2.1. Time to complete records check - Total of 0.5 man-hours using 1 person.

NOTE

The time stated below does not include time for Maintenance Operational Checks (MOC) or Maintenance Test Flights (MTF), if required.

11.2.2. Time for complete engine replacement - Total of 24.0 man-hours using 2 persons.

12. PUBLICATION REQUIREMENTS -

- 12.1. References -
 - 12.1.1. AR 750-6.
 - 12.1.2. DA Pam 738-751.
 - 12.1.3. TM 55-2840-241-23.
- 12.2. Publication Changes - N/A.

13. POINTS OF CONTACT -

- 13.1. Technical POCs -
 - 13.1.1. Primary - Ms. Denise Bouchard, DSN 897-2107 or (256) 313-2107. Fax: DSN 788-6758 or (256) 842-6758. Email: "denise.bouchard@us.army.mil".
 - 13.1.2. Alternate - Mr. Gerald Johnson, DSN 897-2233 or (256) 313-2233. Fax: DSN 788-6758 or (256) 842-6758. Email: "gerald.johnson@peoavn.redstone.army.mil".
- 13.2. Project/Product Manager's (PM) Office POC - Mr. Howard Lee Reeves, DSN 645-9701 or (256) 955-9701. Fax: DSN 645-7125 or (256) 955-7125 Email: "howard.reeves@peoavn.army.mil".
- 13.3. Wholesale Material POC (T63 Engine) - Ms. Linda King, DSN 897-1316 or (256) 313-1316. Fax: DSN 897-1541 or (256) 313-1541. Email: "linda.kay.king@us.army.mil".
- 13.4. Forms and Records POCs -
 - 13.4.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or (256) 876-5564. Email: "ann.waldeck@conus.army.mil".
 - 13.4.2. Alternate - Mr. David Derbort, DSN 746-5151 or (256) 876-5151. Email: "david.derbort@conus.army.mil".
- 13.5. AMCOM Safety POCs -
 - 13.5.1. Primary - Mr. Harry Trumbull (SAIC), DSN 897-2095 or (256) 313-2095. Email: "harry.trumbull@conus.army.mil".
 - 13.5.2. Alternate - Mr. Don Swallom, DSN 788-8641 or (256) 842-8641. Email: "donald.swallom@conus.army.mil".
- 13.6. Foreign Military Sales POCs -
 - 13.6.1. Primary - Mr. George Ashmore (CAS), DSN 788-1094 or (256) 842-1094. Email: "george.ashmorel@us.army.mil".
 - 13.6.2. Alternate - Mr. Tom Gibson, DSN 788-1077 or (256) 842-1077. Email: "thomas.b.gibson@us.army.mil".
- 13.7. After hours, contact the AMCOM Operations Center (AOC), DSN 897-2066/7 or (256) 313-2066/7.