

UNCLASSIFIED

MSG DTG 051300Z OCT 09

FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SFA//

SUBJECT - AVIATION SAFETY ACTION MESSAGE (ASAM), MAINTENANCE MANDATORY, All OH-58A/C SERIES AIRCRAFT, POWER TURBINE GOVERNOR, H-58-10-ASAM-01

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This message is effective until rescinded or superseded.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 re-transmittal by notification to the AMCOM SOF Compliance Officer at "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 downloaded at: "<https://asmprd.redstone.army.mil>". This is a secure website which requires an Army Knowledge Online (AKO), "<https://www.us.army.mil>", user ID and password.

1. SUMMARY -

1.1. Background - An increase in Power Turbine Governor (PTG) failures affecting the Rolls Royce commercial C20 series engines, with Dual Element Spool Bearing, has been reported.

Most of the reported cases involved reduced governing function leading to N2 speed instability. In some cases, there was a complete loss of governing function, resulting in N2 overspeed or loss of power.

1.2. Message Purpose - Require a one-time inspection and schedule the replacement of suspect Power Turbine Governors.

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

3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -

3.1. Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Governor, Aircraft Turbine Engine	23076062	2915-01-518-4167
Governor, Aircraft Turbine Engine	2549176-1	2915-01-518-4167

3.2. Additional Assemblies/Components/Parts Affected -

Nomenclature	PN	NSN
Engine, Aircraft Turbo-Shaft (T-63-A-720)	6887191	2840-01-013-1339

4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY -

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.

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-58-10-ASAM-01 NLT 19 OCT 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>". 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 - Submit Initial Compliance Report via AMTRACKS NLT 12 OCT 09 IAW AR 750-6. The Initial Compliance Report consists of the Aircraft SN, MDS, Date of Initial TAMMS Entry, Component PN, Component Hours, and Inspection Results/Comments (enter "PASS" if suspect PN not installed, or "FAIL" if suspect PN installed).

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS NLT 18 Dec 09 IAW AR 750-6. This report will include Date Replaced and Component PN (if no replacement required enter the TAMMS Entry Date for the Date Replaced and "00" for PN).

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 19 OCT 09 IAW AR 750-6. This report will include Component Nomenclature, PN, and SN.

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 14 days after arrival at destination.

7. TECHNICAL PROCEDURES/INSTRUCTIONS -

NOTE

Unless otherwise stated, all maintenance tasks will be performed IAW TM 55-2840-241-23.

7.1. Conduct a records review (Engine DA Form 2408-16) and visual inspection to determine the PN of the installed Power Turbine Governor.

7.1.1. If PN 23076062 or PN 2549176-1 is NOT installed, proceed to para 7.3.

7.1.2. If PN 23076062 or PN 2549176-1 is installed, make the following entry on the aircraft DA Form 2408-13-1. Enter a Red Diagonal "/" status symbol with the following statement: "Power Turbine Governor requires replacement IAW H-58-10-ASAM-01 NLT 15 Dec 09." Recommend scheduling replacement in conjunction with next scheduled Phase Inspection (if possible).

7.2. Remove Power Turbine Governor and install replacement Power Turbine Governor, PN 23086750 or 2549176-2.

7.3. Clear the initial entry from para 4 and note compliance on DA Form 2408-5-1 (Engine).

8. PROCEDURES/INSTRUCTIONS FOR ASSEMBLIES/COMPONENTS/PARTS IN WORK OR IN STOCK (AT ALL LEVELS INCLUDING WAR RESERVES) - Annotate the serviceability tag with: "Power Turbine Governor, H-58-10-ASAM-01, 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.

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) - N/A.

9. SPECIAL TOOLS AND FIXTURES REQUIRED - N/A.

10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -

10.1. Parts Required -

Nomenclature	PN/NSN	Qty	Cost ea.	Total \$
Governor, Engine	23086750	1	\$8748.00	\$8748.00
	2915-01-563-5025			

or

Governor, Engine	2549176-2	1	\$8748.00	\$8748.00
	2915-01-563-5025			

Total cost per aircraft = \$8748.00

10.2. Bulk and Consumable Materials - N/A.

NOTE

Project Code "X6B" (X-ray Six Bravo) is required to track and establish a data base of stock fund expenditures incurred by the field as a result of message actions.

10.3. Requisitioning Instructions - Requisition replacement parts using normal supply procedures. All requisitions shall use Project Code "X6B".

10.4. Disposition of Discrepant Parts/Components - Dispose of using normal supply procedures. In order to provide the overhaul facility a steady supply of defective assets, it is imperative that turn-in components be processed and shipped immediately upon removal from aircraft. All turn-in documents must include Project Code "X6B".

10.5. Disposition of Hazardous Material - IAW Environmental Protection Agency directives as implemented by your servicing environmental coordinator (AR 200-1).

11. MAINTENANCE APPLICATION -

11.1. Category of Maintenance - AVUM.

11.2. Estimated Time Required -

11.2.1. Time to complete inspection - Total of 0.5 man-hour using 1 person.

NOTE

The time stated below does not include time for Maintenance Operational Checks or Maintenance Test Flights.

11.2.2. Time for repair/replacement - Total of 2.0 man-hours using 1 person.

12. PUBLICATION REQUIREMENTS -

12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. AR 200-1.

12.1.4. TM 55-2840-241-23.

12.2. Publication Changes - TM 55-2840-241-23 shall be changed to reflect this message. A copy of this message will be used as authority to implement the change until the official TM change is received.

13. POINTS OF CONTACT -

13.1. Technical POCs -

13.1.1. Primary - Mr. Jay Wicker, DSN 897-2377 or (256) 313-2377. Email: "jay.wicker@us.army.mil".

13.1.2. Alternate - Mr. Martin Ohrenberg, DSN 897-2394 or (256) 313-2394. Email: "martin.ohrenberg@us.army.mil".

13.2. Project/Product Manager's (PM) Office POCs -

13.2.1. Primary - Mr. Howard Reeves, DSN 645-9701 or (256) 955-9701. Fax: DSN 645-7125 or (256) 955-7125.

Email: "howard.reeves@peoavn.redstone.army.mil".

13.2.2. Item Manager (PTG) - Mr. Keithly Ible,
DSN 897-1548 or (256) 313-1548. Fax: DSN 645-7125 or
(256) 955-7125. Email: "keithly.ible@us.army.mil".

13.3. Forms and Records POCs -

13.3.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or
(256) 876-5564. Email: "ann.waldeck@conus.army.mil".

13.3.2. Alternate - Mr. David Derbort, DSN 746-5151 or
(256) 876-5151. Email: "david.derbort@conus.army.mil".

13.4. AMCOM Safety POCs -

13.4.1. Primary - Mr. Frank Rosebery (SAIC), DSN 788-8631 or
(256) 842-8631. Email: "james.rosebery@conus.army.mil".

13.4.2. Alternate - Mr. Don Swallow, DSN 788-8641 or
(256) 842-8641. Email: "donald.swallow@conus.army.mil".

13.5. Foreign Military Sales POC -

13.5.1. Primary - Mr. Tom Gibson, DSN 788-1077 or
(256) 842-1077. Email: "thomas.b.gibson@us.army.mil".

13.5.2. Alternate - Mr. Robert Dubose, DSN 788-1068 or
(256) 842-1068. Email: "robert.dubose@conus.army.mil".

13.6. After hours, contact the AMCOM Operations Center (AOC),
DSN 897-2066/7 or (256) 313-2066/7.