

**UNCLASSIFIED**

**MSG DTG 281440Z FEB 11**

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

**SUBJECT - AVIATION MAINTENANCE ACTION MESSAGE (AMAM),  
INFORMATIONAL, ALL OH-58D SERIES AIRCRAFT, FREEWHEELING CLUTCH  
CONE SET, H-58-11-AMAM-09**

**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This message is effective until rescinded or superseded.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"](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**

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"](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 - The field has reported an increase in Engine replacements caused by improper installation of the freewheeling unit split cones. In an effort to eliminate future engine replacements due to improperly installed Freewheeling Unit Split Cones, units shall ensure correct procedures are followed.

1.2. Message Purpose - Provide revised Freewheeling Clutch Cone Set installation procedures.

**2. END ITEMS AFFECTED - All OH-58D series aircraft.**

**3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -**

3.1. Suspect Assemblies/Components/Parts -

Nomenclature	PN	NSN
Cone Set, Freewheeling Clutch*	406-040-548-101	1615-01-171-3849
Cone Set, Freewheeling Clutch*	407-040-548-101	1615-01-523-5561

\*commonly known as Freewheeling Unit Split Cones

2. Additional Assemblies/Components/Parts Affected -

Nomenclature	PN	NSN
Engine, Aircraft Turbo-Shaft	23065550	2840-01-444-3770
Engine, Aircraft Turbo-Shaft	23055439	2840-01-333-2064

**4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY - N/A.**

**5. COMPLIANCE REPORTING REQUIREMENTS - N/A.**

**6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) - N/A.**

**7. TECHNICAL PROCEDURES/INSTRUCTIONS -**

**NOTE**

This message includes a required Addendum. If the Addendum is not included with this message, it may be viewed/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.

7.1. Upon receipt of this message, unit Commanders shall brief assigned Quality Control and maintenance personnel on the following:

7.2. Installation of the Freewheeling Clutch Cone Set is a Flight Critical characteristic.

7.3. Para 12.2 of this message revises TM 1-1520-248-23, Task 6-5-7.

7.4. When installing the Freewheeling Clutch Cone Set, careful attention shall be paid to installation procedures in TM 1-1520-248-23, Task 6-5-7 to prevent premature Engine replacement.

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

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

**10. SUPPLY/PARTS (REQUISITION/DISPOSITION) - N/A.**

**11. MAINTENANCE APPLICATION - N/A.**

## **12. PUBLICATION REQUIREMENTS -**

### 12.1. References -

12.1.1. AR 750-6.

12.1.2. DA Pam 738-751.

12.1.3. TM 1-2840-263-23.

12.2. Publication Changes - TM 1-1520-248-23 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.

12.2.1. "CAUTION" preceding Task 6-5-7, Step 38, CHANGE to read: "WARNING".

12.2.2. "CAUTION" preceding Task 6-5-7, Step 40, CHANGE to read: "WARNING" and CHANGE the text to read as follows: "To prevent failure of freewheeling unit and damage to the engine, spacer (33) shall be fully seated on cone set (31)."

## **13. POINTS OF CONTACT -**

### 13.1. Technical POCs -

13.1.1. Primary - Mr. Dave Whalen (Avion), DSN 897-2405 or (256) 313-2405. Fax: DSN 788-6758 or (256) 842-6758.

Email: "[dave.whalen@us.army.mil](mailto:dave.whalen@us.army.mil)".

13.1.2. Alternate - Mr. Lon Stanger, DSN 897-4304

or (256) 313-4304. Fax: DSN 746-8373 or (256) 876-6758.

Email: "[lon.stanger@us.army.mil](mailto:lon.stanger@us.army.mil)".

13.2. Project/Product Manager's (PM) Office POC - Mr. Charles Wright, DSN 645-7077 or (256) 955-7077. Fax: DSN 645-7125 or (256) 955-7125. Email: "[charles.d.wright@us.army.mil](mailto:charles.d.wright@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](mailto:ann.waldeck@conus.army.mil)".

13.3.2. Alternate - Ms. Renate Richters, DSN 746-2570 or

(256) 876-2570. Email: "[renate.richters@us.army.mil](mailto:renate.richters@us.army.mil)".

13.4. AMCOM Safety POCs -

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

13.4.2. Alternate - Mr. Don Swallow, DSN 788-8641 or (256) 842-8641. Fax: DSN 897-2111 or (256) 313-2111. Email: "[donald.swallow@conus.army.mil](mailto:donald.swallow@conus.army.mil)".

13.5. Foreign Military Sales POCs -

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

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