

UNCLASSIFIED

MSG DTG 221930Z AUG 11

**SUBJECT: AVIATION MAINTENANCE INFORMATION MESSAGE (MIM) ,  
H-58-MIM-11-006, TAIL BOOM HANGER BEARING MOUNTING BRACKET SHIMS**

**NOTE:** This message is not to be construed as a Safety of Flight (SOF), Aviation Safety Action Message (ASAM) or Aviation Maintenance Action Message (AMAM) as defined in Army Regulation (AR) 750-6. This is an Aviation Maintenance Information (MI) Message issued per AMCOM Regulation 750-3 and AR 750-6, permissive in nature and has not been transmitted to units subordinate to addressees. Request addressees retransmit this message to all subordinate units, activities or elements affected or concerned. The retransmittal shall reference the message.

**NOTE:** A listing of recently published MIM's, and any Supplements required by this message can 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>") ID and password. This website includes published safety and maintenance messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums.

**1. SUMMARY:** The field has reported 4 OH-58D Tail Booms With "Tapered" Shims Installed Under The Tail Rotor Driveshaft Mounting Brackets. Tapered Shims are not currently authorized in accordance with (IAW) TM 1-1520-248-23. The purpose of this MIM is to provide interim guidance in the event these Tapered Shims are found installed and to provide information concerning the pending changes to TM 1-1520-248-23 associated with maintenance actions related to tapered shims.

**2. END ITEMS AFFECTED:** All OH58D series aircraft.

**3. COMPONENTS AFFECTED BY THIS MESSAGE:**

Nomenclature	PN	NSN
Shim	406-961-024-133	Non Stocked
Shim	406-961-024-135	Non Stocked
Shim	406-961-024-137	Non Stocked
Shim	406-961-024-139	Non Stocked
Shim	406-961-024-141	Non Stocked

#### **4. REFERENCE PUBLICATIONS:**

- 4.1. AR 750-6.
- 4.2. AMCOM Reg. 750-3.
- 4.3. TM 1-1520-248-23.

**5. TECHNICAL PROCEDURES/INSTRUCTIONS:** Action has been initiated to add the following instructions related to Tapered Shims in TM 1-1520-248-23.

5.1. The Shims under the Hanger Bearing Support Brackets may be Tapered. This is acceptable. The peel shims are tapered to compensate for the differences in the curvature of the bracket mating surface and tail boom skin. Replacement Shims may be made from shim stock PN: AMS4013, NSN:9535-00-400-3622.

**NOTE:** Removal and installation procedures are similar for all Hanger Bearing Supports on the Tail Boom.

5.2. If Shim under the Hanger Bearing Support Bracket is loose, identify for reinstallation. Record and annotate orientation of the taper if tapered shims are installed.

5.3. Reinstall Shim in the same orientation as recorded and annotated in step 5.2 using adhesive, NSN 8040-00-463-7042 IAW TM 1-1520-248-23, Expendable and Durable Items list, (D-20) to bond the shim to the tail boom.

5.4. Install the Support Bracket and seal the edges with sealing compound, NSN 8030-00-723-2746, IAW TM 1-1520-248-23, Expendable and Durable Items list, (D-221), to seal the support bracket.

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