
Purpose: Installation of 0789-03-017-3 engine mount bushings.

Eligible Serial Numbers: 53494, 53585

Compliance: This bulletin shall be complied with at the next 300 hour inspection. The intent of this bulletin has been incorporated into Eagle 407HP aircraft converted after March 2016.

Description: Eagle Copters has found that the gap between the end of 0789-03-017-1 bushing and the 0789-03-010-1 engine mount fitting is too large. This has been addressed by creating a 0789-03-017-3 bushing to replace the 0789-03-017-1 bushing. Compliance with this Technical Bulletin requires the parts listed in Table 1 below.

Parts List: Table 1

<table>
<thead>
<tr>
<th>QTY. -011</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>TB-E407-789-2-011</td>
<td>BUSHING UPGRADE KIT</td>
</tr>
<tr>
<td>2</td>
<td>0789-03-017-3</td>
<td>BUSHING</td>
</tr>
</tbody>
</table>

Weight and Balance: The incorporation of this TB has negligible effect on the aircraft weight and balance.
Procedure:


2. Support HTS900-2-1D engine using hoist and lifting tool.

3. Remove lower end of 0789-02-006-1 monopod from 0789-03-010-1 engine mount fitting.

4. Press out 0789-03-017-1 bushing and press in 0789-03-017-3 bushing with Loctite 609.

5. Reattach 0789-02-006-1 monopod using existing hardware per Figure 1 and torque per AC43.13, Chapter 7, Section 3.

6. Repeat steps 3-5 on the opposite side 0789-03-010-2 engine mount fitting.

7. Remove engine hoist and lifting tool.


9. Notify Eagle Copters that this Technical Bulletin has been accomplished by filling out the attached form (sheet 3) and emailing it back to Eagle Copters.

10. Make entry into aircraft technical reports to indicate TB-E407-789-2 has been completed.

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**Figure 1: 0789-03-017-3 Bushing Installation**

- NAS8704D23 BOLT
- NAS1149C0432R WASHER
- NAS75C4-016 BUSHING
- 0789-03-010-1 ENGINE MOUNT
- NAS1148C0432R WASHER
- MS14144L4 NUT
- MS24665-151 COTTER PIN
- PRESS OUT 0789-03-017-1 BUSHING AND PRESS IN 0789-03-017-3 BUSHING WITH LOCTITE 609

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**EAGLE COPTERS LTD**
**CALGARY, ALBERTA, CANADA**

**DRAWING NO.**
**TB-E407-789-2**

**REV. A**
**SHEET 2 OF 3**

**TITLE**
**TECHNICAL BULLETIN**

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NOTIFY EAGLE COPTERS THAT THE TB-E407-789-2 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER:____________________________________

AIRCRAFT OWNER:___________________________________________

DATE TB-E407-789-2 WAS INCORPORATED ON THE ABOVE AIRCRAFT:

___________________________________________________________

SIGNATURE OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

___________________________________________________________

PRINT NAME OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

___________________________________________________________

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