Eagle Technical Bulletin Number: TB-E407-789-17

Purpose: To facilitate the installation of the updated 0789-03-032-3 Rotor Brake Caliper Bracket.

Eligible Serial Numbers: All aircraft equipped with the 0789-03-032-1 Rotor Brake Caliper Bracket.

Compliance: OPTIONAL

Description:
This technical bulletin (TB) describes the procedure to install the updated 0789-03-032-3 Rotor Brake Caliper Bracket in place of the existing 0789-03-032-1 Rotor Brake Caliper Bracket.

Parts List:

<table>
<thead>
<tr>
<th>QTY -011</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>TB-E407-789-17-011</td>
<td>ROTOR BRAKE CALIPER BRACKET RETROFIT</td>
</tr>
<tr>
<td>1</td>
<td>0789-03-032-3</td>
<td>ROTOR BRAKE CALIPER BRACKET</td>
</tr>
<tr>
<td>6</td>
<td>MS21042L4</td>
<td>NUT, SELF LOCKING</td>
</tr>
</tbody>
</table>

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

A) 0789-03-032-3 Rotor Brake Caliper Bracket Installation

a) Remove Rotor Brake System Disc per ICA-E407-789, Paragraph 63.10.6.1.

b) Remove 0789-03-032-1 Rotor Brake Caliper Bracket.

Note: The transmission may be modified per B) Optional Transmission Modification at this time.

Note: Torque all fasteners per BHT-ALL-SPM, Chapter 2.

c) Install updated 0789-03-032-3 Rotor Brake Caliper Bracket. Use new 6X MS21042L4 Nuts. Refer to Figure 1.

d) Install Rotor Brake System Disc per ICA-E407-789, Paragraph 63.10.6.4.

e) Notify Eagle Copters that this Technical Bulletin has been accomplished by filling in the attached form (Sheet 5) and emailing it to Eagle Copters.

f) Make entry into aircraft technical reports to indicate TB-E407-789-17 A) has been completed.

B) Optional Transmission Modification


b) Remove the AN126024 studs (qty 6) used to hold the transmission input housing in place.

c) Install AN126000 studs on transmission (qty 6) per BHT-407-CR&O, Paragraph 63-39, Refer to Figure 2.


e) Ensure transmission is re-identified as 407-040-006-XXX by removing the "EM" designator.

f) Notify Eagle Copters that this Technical Bulletin has been accomplished by filling in the attached form (Sheet 5) and emailing it to Eagle Copters.

g) Make entry into aircraft technical reports to indicate TB-E407-789-17 B) has been completed.
Figure 1

TRANSMISSION HOUSING

0789-03-032-3 ROTOR BRAKE CALIPER BRACKET (REF)

6X NAS1149C0416R WASHERS (REF)

6X MS21042L4 NUTS (REF)
Figure 2

TRANSMISSION HOUSING

6X TRANSMISSION INPUT HOUSING STUDS (P/N AN126000)

TRANSMISSION INPUT HOUSING

EAGLE COPTERS LTD
CALGARY, ALBERTA, CANADA

DESIGN PM
DRAWN PM
CHECKED KB
MFG. APPR. AH
APPROVED WK
DE APPR. DS-

DRAWING NO. TB-E407-789-17
REV. A
SHEET 4 OF 5

BRAKE CALIPER BRKT UPGRADE

DATE 18.11.28

COPYRIGHT © 2018 BY EAGLE COPTERS LTD.
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM EAGLE COPTERS LTD.
NOTIFY EAGLE COPTERS THAT THE TB-E407-789-17 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER: ____________________________

AIRCRAFT OWNER: ____________________________

DATE TB-E407-789-17 A) WAS INCORPORATED ON THE ABOVE AIRCRAFT:

DATE TB-E407-789-17 B) 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:

Email this page to: jdjorg@eaglecopters.com