

# EAGLE TECHNICAL BULLETIN

REF. TCCA STC: SH14-47  
REF. FAA STC: SR03496NY

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:

QTY -011	PART NUMBER	DESCRIPTION
X	TB-E407-789-17-011	ROTOR BRAKE CALIPER BRACKET RETROFIT
1	0789-03-032-3	ROTOR BRAKE CALIPER BRACKET
6	MS21042L4	NUT, SELF LOCKING

Weight and Balance:

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


CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY:   
D. SHEPHERD (DE # 02)

DATE: 18.11.28  
CERT. NO.: SH14-47  
ISSUE NO.: 1

APPROVED

A	NEW ISSUE	PM	18.11.28
REV.	DESCRIPTION	BY	DATE
DESIGN	PM	<b>EAGLE COPTERS LTD</b>	
DRAWN	PM	CALGARY, ALBERTA, CANADA	
CHECKED	KB	DRAWING NO.	REV. A
MFG. APPR.	AH	<b>TB-E407-789-17</b>	SHEET 1 OF 5
APPROVED	WK	TITLE	
DE APPR.	DS 	<b>BRAKE CALIPER BRKT UPGRADE</b>	
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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**

a) Remove transmission input housing per BHT-407-CR&O, Paragraph 63-28.

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.

d) Reassemble transmission housing per BHT-407-CR&O, Paragraph 63-45.

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.

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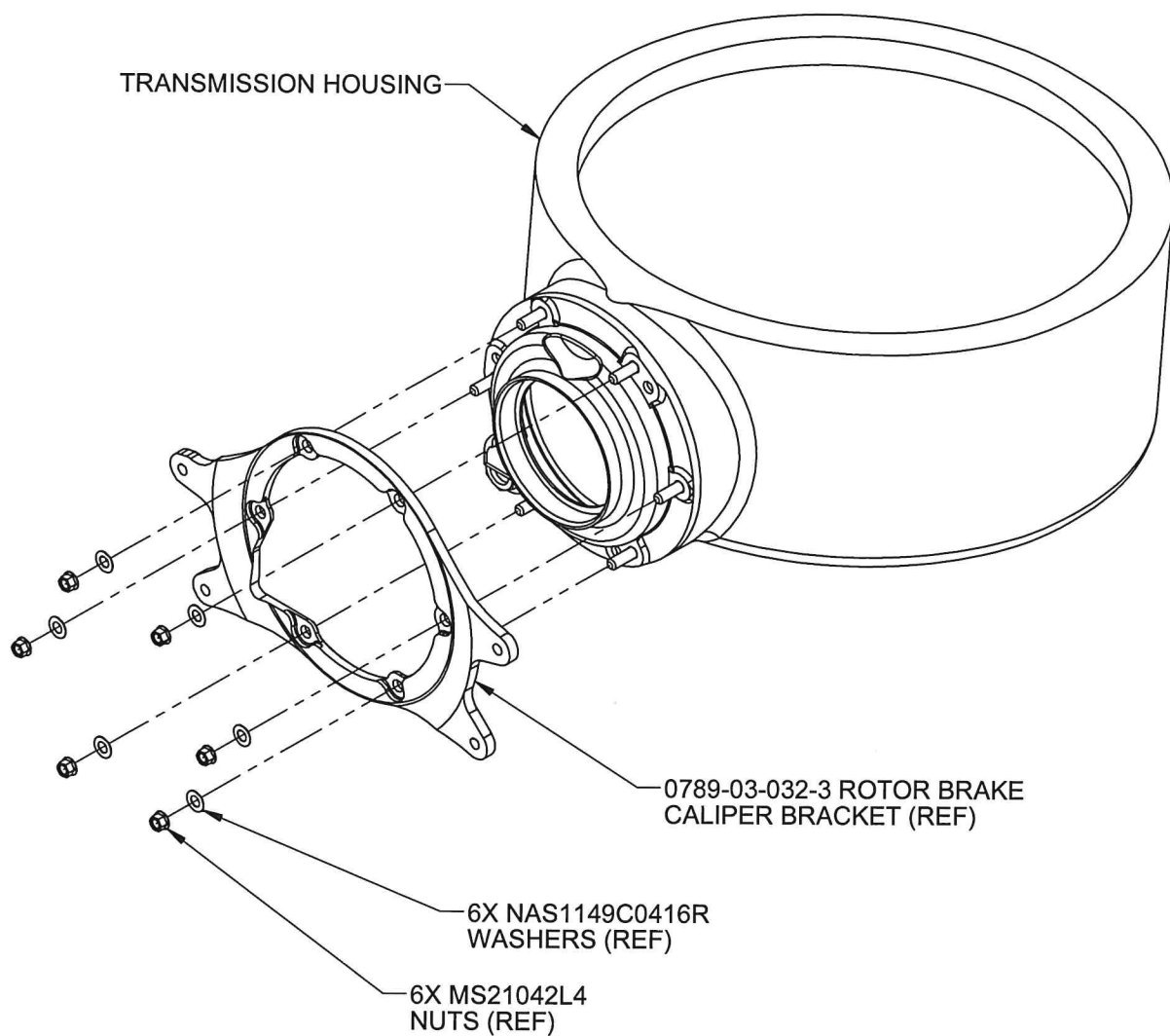
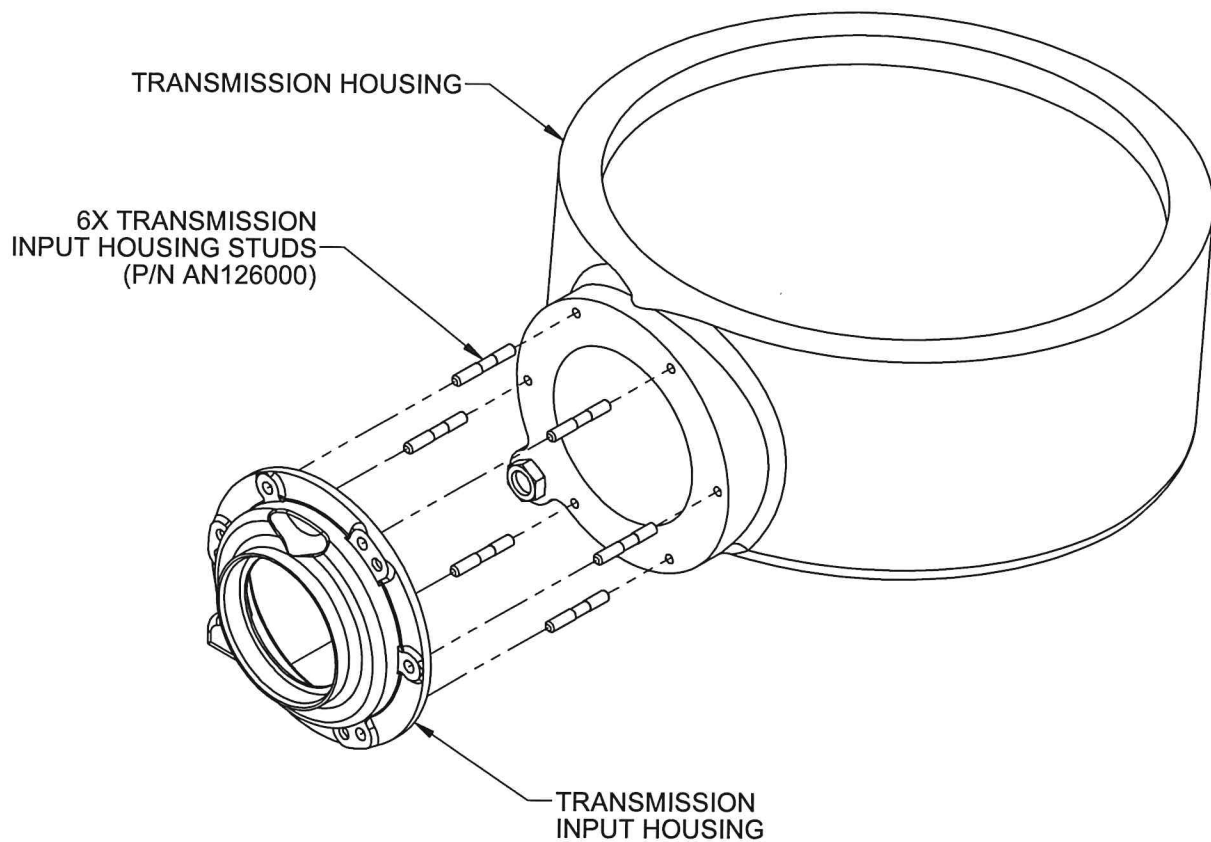


Figure 1

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**Figure 2**

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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](mailto:jdjorg@eaglecopters.com)

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