
Purpose: To prevent contact between the main driveshaft and the engine firewall closeouts.

Eligible Serial Numbers: ALL

Compliance: During the next 150 hour inspection, performed after receipt of this TB.

Description: It has come to Eagle's attention that, in one instance on one aircraft, the engine to transmission driveshaft has come in contact with the aircraft engine firewall closeouts. The intent of this Technical Bulletin (TB) is to provide information regarding inspection for correct clearance between the driveshaft and closeouts and to provide instruction for modifying the closeouts, if needed, to prevent future occurrences.

![Figure 1: Firewall Pan Installation](image)

Parts List: No new parts are required to complete this modification.

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

**PART I: INSPECTION**

1. Gain access to the 0789-02-030-1 Firewall Pan Assembly IAW Chapter 63 of the Instructions for Continued Airworthiness ICA-E407-789. See Figure 1.
2. Measure the clearance between the engine to transmission driveshaft and the Upper (P/N 0789-03-133-1) and Lower (0789-03-132-1) closeout panels, as shown in Figure 2. Confirm spacing is within the tolerances shown in Figure 2. If the closeout opening is not within the tolerances, adjust the hole size per **PART II** of this TB.

   Note: It is recommended that the closeout opening hole size be made as large as possible, given the allowable tolerances, shown in Figure 2.

**Figure 2**: Engine to Transmission Driveshaft Firewall Closeout Clearances

**PART II: UPPER AND LOWER CLOSEOUT MODIFICATION**

Note: Exercise care not to damage the engine to transmission driveshaft.

1. Mark the Upper (P/N 0789-03-133-1) and Lower (0789-03-132-1) closeout panels to the largest allowable hole size, given the allowable tolerances, shown in Figure 2.
2. Remove the Upper and Lower closeout panels from the Firewall Pan Assembly.
3. Trim the Upper and Lower closeout panels to the marks obtained in Step 1. Break all sharp edges.
6. Complete and return Sheet 3 of this TB to Eagle Copters to indicate compliance.
NOTIFY EAGLE COPTERS THAT THE TB-E407-789-20 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER: ____________________________

AIRCRAFT OWNER: ____________________________

DATE TB-E407-789-20 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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