



# SERVICE INFORMATION LETTER

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SERVICE INFORMATION LETTER NO. 0142

Revision 1

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DATE: February 15, 2002

1. SUBJECT: New Tail Rotor Assembly Bumpers

2. MODELS: F28C, 280C, F28F, 280F, and 280FX

3. EFFECTIVITY: All Serial Numbers with Part Number 28-150000-10, 28-150050-2, 28-150079-1, or 28-150079-5 Tail Rotor Assemblies

4. BACKGROUND:

Previously, Enstrom changed the stock material from which the tail rotor assembly bumpers are manufactured. This change was initiated to prevent the “dead spot” in the tail rotor control system that can occur when the bumpers swell because of grease contamination. Since changing the bumper material, Enstrom has received several reports of the “dead spot” occurring with the cause of the “dead spot” traced to the new bumpers. Enstrom has designed new bumpers, P/N 28-15033-15, to replace the rubber bumpers. The new bumpers are manufactured from polyethylene plastic.

Maintenance technicians should note that the “dead spot” in the tail rotor control system can also be caused by low tail rotor cable tension, notchy feathering bearings in the tail rotor, or binding in the slider assembly.

5. COMPLIANCE:

A. Remove and destroy any bumpers, P/N 28-15033-13, from stock inventory.

B. Replace the 28-15033-13 bumpers with the new 28-15033-15 bumpers anytime the tail rotor assembly is disassembled (Refer to Figure 1). Replace the tail rotor bumpers using the procedures found in the applicable maintenance manual for the helicopter with the exception that the bumpers are not glued onto the end of the spindle.

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5.1. PARTS

Description	New Part Number	Quantity
Bumper, Tail Rotor Assembly	28-15033-15	2

6. MAN HOURS REQUIRED: 2.5 hours

7. WARRANTY: Per Enstrom Warranty Policy

8. WEIGHT CHANGES: Not applicable.

9. LOG BOOK ENTRY:

Enter compliance with this SIL when replacing the old tail rotor bumpers with the new tail rotor bumpers.

10. REPETITIVE INSPECTIONS: None

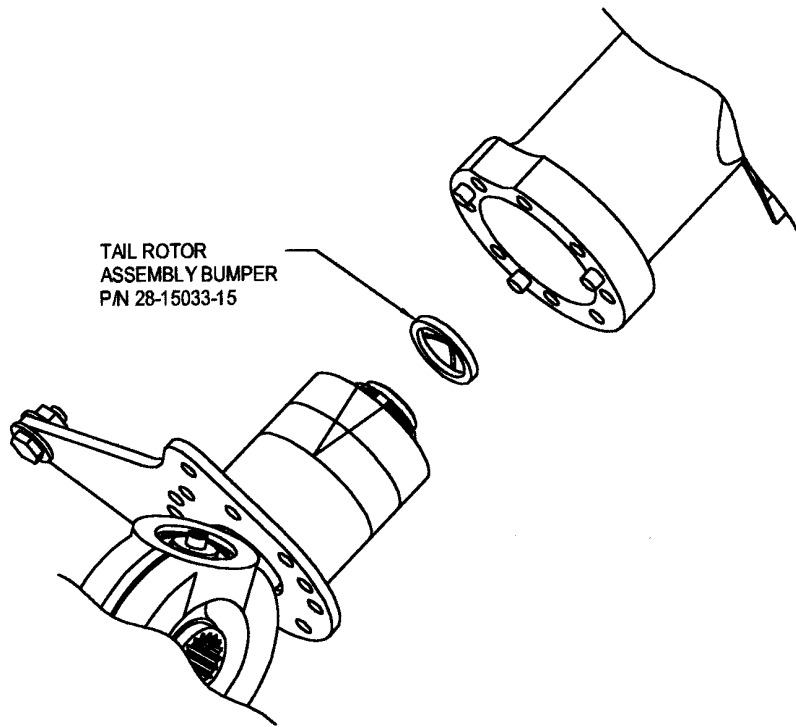


Figure 1