



SERVICE DIRECTIVE BULLETIN

SERVICE DIRECTIVE BULLETIN NO. 0048

Rev. A

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Date: September 8, 1980

Subject: Wide Chord Tail Rotor Blade Grip

Models: F-28C and 280C Helicopters

Effective: S/N 479 and Prior and 1182 and Prior - Except as Noted

Forged wide chord tail rotor blade retention grips P/N 28-150013-1 continue to be found cracked on preflight inspections. This part has been replaced with an increased strength machined grip P/N 28-150044-1. It is recommended that all owners and operators utilizing wide chord tail rotor assemblies with the forged grip replace them with the increased strength machined grips at the next 100 hour inspection. Daily preflight inspections currently in force are not required with the new components.

New tail rotor blade grips P/N 28-150044-1 maybe installed on used tail rotor blades. This operation will be accomplished only by Enstrom Customer Service. New grips installed on used blades are attached with an over-sized bolt (5/16 inch) and must not be intermixed with standard blade and grip assemblies. Tail rotor blade and grip assemblies P/N 28-150001-5 contain the new machined grip and may be installed in the field in pairs only. Do not intermix any tail rotor blade and grip assemblies with non-matching part numbered assembly.

Blade and grip assemblies P/N 28-150001-5 sent from Enstrom Customer Service will include pitch arm retention plate and pitch link attachment hardware. Blade and grip assemblies of the above part number are to be installed only on tail rotor hub and spindle assemblies incorporating a spindle part number 28-150014-13. Tail rotor spindle part number 28-150014-11 is not to be used with this blade and grip assembly. This part number has been etched on the side of the spindle. The spindles may also be identified by:

1. Measure overall length of tail rotor assembly
 - a. Spindle dash 11, 56 inches
 - b. Spindle dash 13, 56 7/16 inches

2. Measure the tail rotor spindle from shoulder to shoulder
 - a. Dash 11, 3.06 inches
 - b. Dash 13, 3.45 inches

It is recommended that only the old blade and grip assembly P/N 28-150001-3 be returned to Enstrom Customer Service for rework into the new blade and grip assembly P/N 28-150001-5.

The following parts must be ordered from your authorized Enstrom distributor to complete reassembly up-date:

2 ea.	28-150046-1	Pitch Arm Plate
2 ea.	28-150048-1	Grease Plate
16 ea.	AN4H-5A	Bolts
16 ea.	AN960-416	Washer
2 ea.	AN4-4A	Bolts
2 ea.	AN364-428A	Nuts
4 ea.	1/4 Harper	Washers
2 ea.	5045	Zerk Fittings

If complete tail rotor assembly P/N 28-150000-3 is received it is mandatory that Enstrom Customer Service perform a complete disassembly, inspection, and reassembly to update to the new tail rotor assembly P/N 28-150000-7. All parts that are found unairworthy will be replaced at standard list price plus labor charges.