



SERVICE DIRECTIVE BULLETIN

SERVICE DIRECTIVE BULLETIN NO. T-004

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DATE: June 11, 1996

1. SUBJECT: Incorrect Length Horizontal Stabilizer Cap Screw
2. MODEL: TH-28 and 480 Helicopters
3. EFFECTIVITY: TH-28, Serial Number 3004 and 3006; 480, Serial Number 5001 through 5015
4. BACKGROUND:

Enstrom has determined that incorrect length cap screws were used to secure the clamps in the horizontal stabilizers to the stabilizer spar assembly. The shorter length cap screws do not allow the threads to engage the self-locking portion of the threaded insert. It was also determined that some of the cap screws were installed without washers.

5. COMPLIANCE:

Before the next flight, inspect the cap screws for proper torque (50-70 inch-pounds).

At or before the next 50 hour inspection/service, replace the incorrect length cap screws with the correct length cap screws and washers.

Note: Replacement cap screws and washers are being provided with this service bulletin to the service centers responsible for maintaining the helicopters listed in paragraph 3.

5.1. MODIFICATION

Remove the cap plugs from the bottom side of the horizontal stabilizers. Remove the cap screws and washers (if installed) from the clamps. Install the correct cap screws and washers into the clamps and torque to 50-70 inch-pounds. Install the cap plugs.

5.2. PARTS

Nomenclature	Old Part Number	New Part Number	Quantity
Cap Screw	MS16998-44	MS16998-46	6 Ea.
Washer	AN960-416L	AN960-416L	6 Ea.

Note: Use this SDB as reference for the part number of the cap screws until the next revision of the Illustrated Parts Catalog.

6. SPECIAL TOOLS: None Required
7. MAN-HOURS: .5 Hours
8. WARRANTY: Warranty Coverage per Enstrom Warranty Policy
9. WEIGHT CHANGE: None
10. LOG BOOK ENTRY: Enter compliance with this SDB.
11. REPETITIVE INSPECTIONS:

Check the torque on the cap screws every 25 hours until the correct part number cap screws are installed.

As defined in Section 3 of the TH-28/480 Maintenance Manual after compliance with paragraph 5 of this Service Directive Bulletin.