



**ENSTROM HELICOPTER CORPORATION**

**2209 22ND STREET, P.O. BOX 490, MENOMINEE, MICHIGAN 49858-0490 USA**

## **SERVICE DIRECTIVE BULLETIN**

SERVICE NOTE NO. 0016C

Date: September 25, 1974  
Subject: Oil Level in Tail Rotor Gearbox  
Model: F-28A  
Effectivity: Serial No. 200 & Up

This service note is being issued to advise Enstrom owners that an increased diameter S-83T oil sight gauge has been installed on the tail rotor gearbox.

When the oil level is being checked, any air bubbles in the sight gauge are to be removed by lowering the tail of the helicopter down against the tail rotor guard. If there is sufficient oil, the oil level window should read "full" during this process.

The oil sight window is to show "full" with the ship leveled at normal ground attitude.

The required oil capacity in the tail rotor gearbox is five ounces of SAE 10W oil.

This information supersedes the previous eight-ounce requirement in the Enstrom Maintenance Manual, page MM-2-4.



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## **SERVICE DIRECTIVE BULLETIN**

**REFERENCE ONLY**

**SERVICE NOTE NO. 0016B**

Date: January 9, 1974  
Subject: Low Oil Level in Tail Rotor Gearbox  
Model: F-28A Helicopters  
Effectivity: All Serial Numbers  
Compliance: As Noted Below

This service note is being issued to advise all owners of Enstrom F-28A Helicopters that the replacement Curtiss (CCA-1550) drain valves are now available from the Enstrom Service Department.

As instructed by Enstrom Service Note 0016A issued October 31, 1973, the Curtiss (CCA-1550) drain valve is to replace the factory installed M-123 sight gauge.

Accomplishment of this requirement will relieve the owner of the compliance inspections as listed in Service Note 0016A. Normal inspection of oil level in the tail rotor gearbox can then be performed as noted in the Enstrom Maintenance Manual.

Compliance cards will accompany the Curtiss valve assemblies. These must be returned as soon as possible for proper service record entry.



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## **SERVICE DIRECTIVE BULLETIN**

**REFERENCE ONLY**

**SERVICE NOTE NO. 0016A**

**Supplements 0016**

Date: October 31, 1973  
Subject: Low Oil Level in Tail Rotor Gearbox  
Model: F-28A Helicopters  
Time of Compliance: As Noted Below

Another occurrence of a tail rotor gearbox without oil was found during a regular 100-hour check. This problem indicates that the recommended procedures as set forth in Enstrom Service Note 0016 were not complied with by some owners and maintenance personnel in the field.

Enstrom is therefore issuing the following procedure for servicing the tail rotor gearbox. The visual reading of M-123 sight gauge is not to be used to determine the internal oil level in the tail rotor gearbox. This sight gauge must be removed physically and the oil level visually checked for proper amount.

Compliance to the above-mentioned procedure is recommended mandatory at the next preflight inspection and at 10-hour intervals thereafter with logged entries.

After the M-123 sight gauge has been replaced with a Curtiss CCA-1550 drain valve, the above inspections will be deleted as a requirement. Proof Of compliance forms will be sent to all owners along with the valve assembly for record of compliance. Reference to the installed valve is indicated on page MM15-20 of the Enstrom Maintenance Manual.