



**ENSTROM HELICOPTER CORPORATION**

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## SERVICE DIRECTIVE BULLETIN

SERVICE NOTE NO. 0001

Date: April 12, 1967  
Subject: Main Rotor Transmission  
Models Affected: F-28 - Serial No. 003 through 009.  
Reason: To extend service life of pinion shaft.  
Time of Compliance: Noted

It has been noted in service that it is difficult to maintain the 2000 in. lb. torque requirement on the N0-6 locknut on the main rotor transmission pinion shaft (P/N 28-43119-3). Deformation of the 28-13109 washer in service has resulted in a decrease in locknut torque.

It is therefore necessary that a modified washer (P/N 28-13109, Revised per E.O. #1) be installed on subject model helicopters (serial numbers as listed above) before the next flight. Note that the washer must be installed with the raised area against the #99608X3B bearing. (The W0-6 lock washer will then bear against the smooth side of the 28-13109 washer.)

It is also necessary that the torque on the N0—6 locknut be checked at 10 hour intervals for the following 100 hours of operation. A torque of  $2000 \pm 100$  in. lbs. is required.

At overhaul of the transmission the 28-13110 hearing adapter must be replaced with a modified bearing adapter (P/N 28-13110, Revision "B"). At this time the modified 28-13109 washer must be replaced with the washer as originally supplied.

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