



THE ENSTROM HELICOPTER CORPORATION
TWIN COUNTY AIRPORT, P.O. BOX 490, MENOMINEE, MICHIGAN 49858

SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO.0056

Date: January 27, 1977

Subject: Tail Rotor Input Shaft Nut Torque

Model: F-28A, F-28C, 280, 280C

Effectivity: All Helicopters

Loss of torque on the tail rotor input shaft has been reported to Enstrom by a few operators. This condition can be identified by gripping the coupling which is attached to the input shaft and pulling it in a "slightly forward" lateral direction. If any movement is felt, the tail rotor input nut is to be retorqued.

1. Disconnect the tail rotor coupling from the input shaft.
2. Remove the vertical stabilizer from the Model 280 or 280C.
3. Remove the aft tail rotor shaft bearing housing and carefully move it away from the Shur-Lok washer No. SL61W-4.
4. With Enstrom special socket T-0020 on a torque wrench, retorque the input shaft nut to 44 to 46 foot pounds. The tail rotor blade is to be held stationary to insure proper torquing.
5. Reassemble in reverse order.

All helicopters should be checked within the next 10 hours of operation and at all 100-hour inspections. Retorquing the input shaft is recommended every 500 hours of operation.