



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

SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. 0087

Date: March 6, 1979

Subject: Tail Rotor Blade Bearing Inspection & Lubrication

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

Compliance: 25 Hour Inspection

Enstrom inspection form F170 page MM 3-7 of the F-28A and 280 Maintenance Manual calls for the disconnecting of the tail rotor pitch change links for the inspection of the tail rotor blade thrust bearings. This inspection will indicate the condition such as looseness or brinelling of the bearing and should be conducted prior to lubrication.

Lubrication of the tail rotor blade grip is accomplished with the pitch change links disconnected. The blade is to be rotated 3 to 5 revolutions during the greasing process which insures complete lubrication of the bearing and also repositions the balls of the bearing affording longer bearing life. It is necessary to cycle the tail rotor control to the full left pedal in order that the counter weight arm can clear the pitch link retainer.

Maintenance Manual Page 24-9 calls for purge plug removal. It is only the narrow chord tail rotor blade grip assemblies that are fitted with same. Purging of the wide chord tail rotor grip takes place through the inboard bearing.