



ENSTROM HELICOPTER CORPORATION

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SERVICE DIRECTIVE BULLETIN

SERVICE NOTE NO. 0025A
(Supersedes 0025)

Date: July 31, 1975

Subject: Main Rotor Hub Retention

Models Affected: F-28A and 280 Helicopters with Safety-Wired Hub Retention Nut and 28-14005 Hub Nut Washer manufactured prior to March 1, 1975

Reason: Vertical Movement of Main Rotor Hub on Splined Main Rotor Shaft with Main Rotor Retention Nut Torqued

Compliance: An immediate visual inspection is to be made and compliance within the next 25 hours of operation.

Two instances have been reported of vertical clearance between the 28-14005 hub nut washer and the 28-14224-1 spline adapter. This condition was not detected by the use of a feeler gauge as defined by the original Service Note No. 0025.

In order to eliminate any possibility of this condition, it is mandatory that all owners and operators remove the 28-14005 hub nut washer and replace it with the (new) 28-14008 retention washer.

Installation Instructions:

1. Remove the 28-14004 retention nut. Remove the 28-14005 hub nut washer and replace it with the 28-14008 retention washer. The chamfer on the new washer must be parallel with the main rotor spline chamfer. See illustration, View A, on the original service note.
2. Retorque the main rotor hub nut to 400 foot pounds. Resafety-wire with .040 diameter wire in three (3) places to the hub adapter plate bolt heads.

The new 28-14008 hub retention washers are available from the Enstrom Customer Service Department.

Helicopters with the 28-14263 "tang" hub lock washer are not affected by this service note.

Proper Log Book entry is to be made showing compliance to this service note.