



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

SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. 0117

Date: Aug. 26, 1981
Subject: Hot Weather Auxiliary Oil Cooler Kit
Models: F-28C and 280C
Effectivity: As Noted in Text

Helicopter operation in excessive hot weather (100° F. or higher) at high power settings can result in engine oil temperature above acceptable limits. Frequent operation under these conditions may lead to accelerated engine wear due to the reduced lubricating properties of the oil and changes of engine internal clearances at excessive engine operating temperatures.

To provide additional capability on "C" model helicopters, a hot weather auxiliary oil cooler kit has been developed which installs an additional oil cooler. Installation of the additional oil cooler in series with the standard equipment oil cooler provides an additional 25° F. cooling margin. The auxiliary oil cooler and associated duct is mounted on the lower left side of the fan shroud similar to current production F-28F.

Kits (as listed below) will provide the necessary hardware, drawings and installation instructions to incorporate this improvement on "C" model aircraft.

<u>Model</u>	<u>Kit Number</u>
F-28C/280C (Manufactured prior to January 1981)	2 8-01007-1
F-2 8C/2 80C (Manufactured after January 1981)	28-01008-1

Contact Enstrom Helicopter Customer Service Department or the nearest authorized Enstrom Service Center to order kits.