THE **ENSTROM** HELICOPTER CORPORATION
2209 22nd STREET, MENOMINEE, MICHIGAN 49858

SERVICE INFORMATION LETTER

DATE: March 26, 2010

1.   SUBJECT: Dual Indicating Volt-Ammeter, P/N ECD4041-7

2.   MODEL: 480B

3.   EFFECTIVITY: 5113 through 5132

4.   BACKGROUND:

Enstrom has received reports of the red amperage LED on the P/N ECD4041-5 dual indicating volt-ammeter illuminating prematurely at lower current draws (i.e. less than the 110 amp maximum limitation). The anomaly has been attributed to noise on the shunt of the unit.

This Service Information Letter (SIL) makes owner/operators aware of a replacement dual indicating volt-ammeter, P/N ECD4041-7. The -7 unit is the same as the -5 but has been redesigned to correct this condition.

Note: Enstrom has used P/N ECD4041-5 dual indicating volt-ammeter units from two different suppliers. This SIL only applies to the MFG P/N 711-30025, which is stamped on the unit data plate.

5.   COMPLIANCE:

At the option of the owner/operator, the P/N ECD4041-5 dual indicating volt-ammeter may be replaced in accordance with the procedure provided in paragraph 5.1.

5.1.   REPLACEMENT:

NOTE

**Perform all maintenance IAW the TH-28/480 Series
Maintenance Manual.**

A.   Locate the P/N ECD4041-5 dual indicating volt-ammeter on the upper instrument panel.

B.   Loosen the screw on the clamp mounting the unit to the upper instrument panel.

C.   Slide the unit out of the panel and disconnect the electrical connector from the back of the unit. Do not let the wiring slide back into the panel.

D.   Install the replacement unit (i.e. the P/N ECD4041-7 dual indicating volt-ammeter) by reversing the steps above.

E.   Return the P/N ECD4041-5 unit to Enstrom Customer Service.

5.2   PARTS:

Description	Part Number	Quantity
Dual Indicating Volt-Ammeter	ECD4041-7	1

6.   SPECIAL TOOLS: None

7.   MAN-HOURS: Removal/Installation - 10 minutes

8.   WARRANTY: Per Enstrom Helicopter Warranty policy.

9.   WEIGHT CHANGE: Negligible

10.   LOG BOOK ENTRY: As required for maintenance actions.

11.   REPETITIVE ACTION: None