



THE ENSTROM HELICOPTER CORPORATION

2209 22nd STREET, MENOMINEE, MICHIGAN 49858

SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. T-036

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DATE: March 19, 2010

1. SUBJECT: Bearing Temperature Warning Unit

2. MODEL: 480B

3. EFFECTIVITY: S/N 5114 to 5128

4. BACKGROUND:

Enstrom has received two reports that the bearing temperature caution light illuminated intermittently while the communication radio was transmitting. Additional filtering has been added to the bearing temperature warning unit to correct this.

This Service Information Letter (SIL) makes owners/operators aware of the replacement bearing temperature warning unit.

Note: Enstrom has used bearing temperature warning units from two different suppliers. This SIL only applies to MFG P/N 802-40003, which is stamped on the unit data plate.

5. COMPLIANCE:

Enstrom recommends replacement of the unit if the bearing temperature warning light illuminates during radio transmissions. Incorporation of this modification is 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. Open the left-hand engine panel to access the bearing temperature warning unit. The unit is located to the upper right and mounted in the aft fuel tank bulkhead between the engine compartment and the transfer duct compartment.
- B. Disconnect the electrical connector from the back of the unit and loosen the lower screw to release the clamp pressure securing the unit.
- C. Remove the unit by pushing it through the mounting hole. Use a free hand to support the unit as it is pushed into the transfer duct compartment.
- D. Install the replacement unit by reversing the steps above.
- E. Verify that the new unit corrects the condition.
- F. Return the malfunctioning unit to Enstrom Customer Service.

5.2. PARTS:

Description	Part Number	Quantity
Bearing Temperature Warning Unit	ECD4039-3 (MFG P/N 802-40003 Rev F or later approved revision)	1

6. SPECIAL TOOLS: None
7. MAN-HOURS: 0.5 Man-hour
8. WARRANTY: Per Enstrom Helicopter Warranty policy
9. WEIGHT CHANGE: None
10. LOG BOOK ENTRY: As required for maintenance actions
11. REPETITIVE ACTION: None