



SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. 0185

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DATE: May 19, 2016

1. SUBJECT: CHT Probe Installation

2. MODEL: F-28F and 280FX

3. EFFECTIVITY: F-28F, S/N 831 and 832; 280FX, S/N 2140 through 2145, and any earlier F-28F and 280FX S/N that has been or will be modified with J.P. Instruments EDM 700

4. BACKGROUND:

Enstrom has discovered a potential interference between the washer-type CHT thermocouple (gasket probe) on the #3 cylinder and the cylinder when the EDM CHT probe (bayonet lock type) is installed. Therefore, Enstrom has incorporated a spacer to preclude damage to the washer-type CHT thermocouple when the EDM CHT probe is installed. The other three cylinders do not use a washer-type thermocouple, so the potential for interference does not exist on the other three cylinders.

This Service Information Letter (SIL) is intended to make operators aware that the spacer is available.

5. COMPLIANCE:

Installation of the spacer is recommended whenever the CHT probe is removed. The spacer is installed in accordance with paragraph 6.

6. INSTALLATION: (Refer to Figure 1)

NOTES

Perform all related system maintenance in accordance with the Enstrom F-28F/280F Series Maintenance Manual (MM).

6.1 Access cylinder #3 through the pilot-side engine access panel.

6.2 Disconnect cylinder #3 EDM CHT probe (P/N AN5546-1) from the adaptor (P/N AN4076-1) and then remove the adaptor.

- 6.3 Remove P/N MM-113-3/8 from the end of the adaptor and inspect the gasket ring for damage and replace P/N MM-113-3/8, if necessary.
- 6.4 Install the gasket ring of P/N MM-113-3/8 over the end of the adaptor, if not already installed.
- 6.5 Install P/N 28-22096-11 spacer over the gasket ring over the threaded end of the adaptor.
- 6.6 Reinstall the adaptor in the #3 cylinder. (Hand tighten the adaptor and snug an additional 1/16-1/8 turn.)
- 6.7 Reconnect the EDM CHT probe (P/N AN5546-1) in the adaptor.

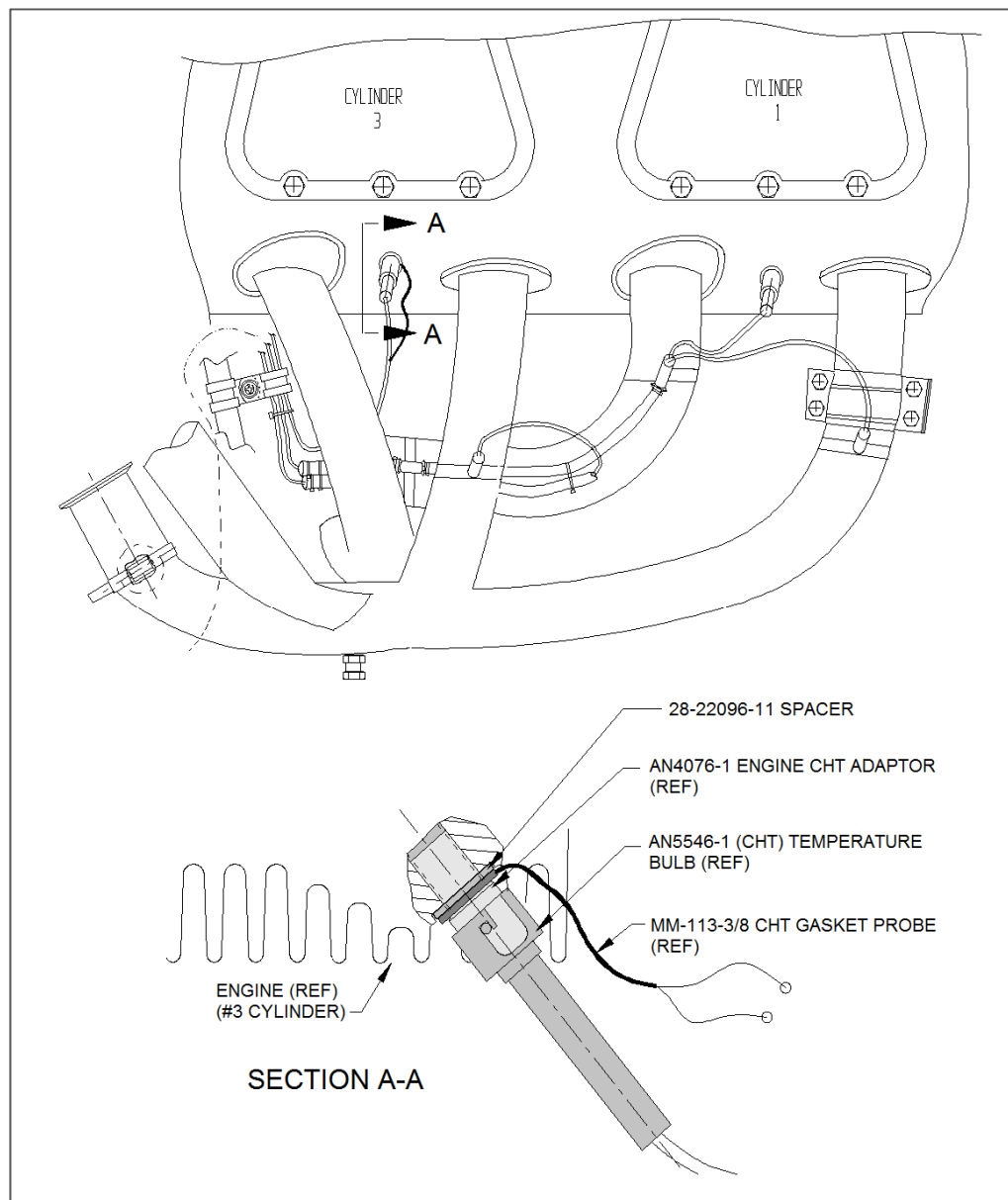


Figure 1. Cylinder #3 CHT Probe Installation

7. PARTS
 - 7.1 P/N 28-22096-11 Spacer
 - 7.2 P/N MM-113-3/8 CHT Gasket Probe (if required)
8. SPECIAL TOOLS OR EQUIPMENT: None
9. MAN-HOURS: 20 minutes
10. WARRANTY: Per Enstrom policy
11. WEIGHT CHANGE: N/A
12. LOG BOOK ENTRY: As required for maintenance actions
13. REPETITIVE INSPECTIONS: None