



# SERVICE INFORMATION LETTER

SERVICE INFORMATION LETTER NO. 0188

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- DATE: December 1, 2016
1. SUBJECT: Oil Pressure Gauge, Troubleshooting
2. MODEL: F-28A, 280, F-28C, 280C, F-28F, 280F, 280FX
3. EFFECTIVITY: All S/N
4. BACKGROUND:

As a result of investigating oil pressure gauge fluctuations observed both on the production line and in the field, Enstrom has established additional troubleshooting guidelines for the engine troubleshooting portion of the F-28F/280F Series Maintenance Manual (Paragraph 13-2).

5. COMPLIANCE:

Refer to Paragraph 6, Table 1 below for troubleshooting oil pressure gauge fluctuations.

Refer also to Enstrom Service Directive Bulletin (SDB) 0123 regarding an oil line restrictor fitting installation.

Refer to applicable Lycoming publications regarding pressure relief valve parts and installation.

6. TROUBLESHOOTING:

**Table 1. Engine Troubleshooting**

Problem	Cause	Action
Excessive oil pressure fluctuation	Air in sensing line	Bleed line.
	Contaminated pressure relief valve	Clean or replace the valve.
	Damaged pressure relief valve ball	Replace the valve.
	Faulty gauge	Check gauge.
	Oil contamination	Find cause of contamination and take appropriate action.

7. PARTS: N/A
8. SPECIAL TOOLS OR EQUIPMENT: N/A
9. MAN-HOURS: N/A
10. WARRANTY: N/A
11. WEIGHT CHANGE: N/A
12. LOG BOOK ENTRY: N/A
13. REPETITIVE INSPECTIONS: N/A