



SERVICE INFORMATION LETTER

SIL 0178
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- DATE: April 15, 2014
1. SUBJECT: Upper Swashplate Bearing Housing Configurations
2. MODEL: F-28F and 280FX
3. EFFECTIVITY: All S/N
4. BACKGROUND:

The upper swashplate assembly is assembled with one of two approved bearing housing configurations: P/N 28-16108-2 or P/N 28-16108-11. The bearing housings have different hardware requirements when installing the collective walking beam.

This Service Information Letter (SIL) is intended to make operators aware of the two bearing housing configurations and the required assembly hardware.

5. COMPLIANCE:

When installing the collective walking beam as part of the upper swashplate assembly, the bearing housing components shall be in accordance with paragraph 5.1.

NOTES

The outer bearing housing bolt holes for the collective walking beam attachment points are larger in P/N 28-16108-11 than P/N 28-16108-2 (approximately Ø.406 vs. Ø.312). This is to accommodate P/N 28-16109-13 bushings. Also, the gaps to accommodate the collective walking beam are wider, thus requiring longer bolts to provide security of attachment.

As required, perform this SIL in conjunction with paragraph 12-11.K of the F-28F/280 Series Maintenance Manual when installing the collective walking beam.

5.1 Collective walking beam assembly installation (refer to Figure 1):

A. P/N 28-16108-2 bearing housing (10):

- 1) Install bolts (17).
- 2) Torque bolts 30-40 in-lb/3.4-4.5 Nm and lockwire.

B. P/N 28-16108-11 bearing housing (10):

- 1) Install bushings (41).
- 2) Install bolts (17).
- 2) Torque bolts 30-40 in-lb/3.4-4.5 Nm and lockwire.

6. PARTS: N/A

7. SPECIAL TOOLS OR EQUIPMENT: N/A

8. MAN-HOURS: N/A

9. WARRANTY: Per Enstrom policy

10. WEIGHT CHANGE: N/A

11. LOG BOOK ENTRY: As required for maintenance actions

12. REPETITIVE INSPECTIONS: N/A

	ITEM NO.	P/N	DESCRIPTION	QTY PER ASSY
	10	28-16108-2	. Bearing Housing	1
	10	28-16108-11	. Bearing Housing	1
	17	28-16109-1	.. Bolt (Used with 28-16108-2)	2
	17	28-16109-11	.. Bolt (Used with 28-16108-11)	2
	41	28-16109-13	.. Bushing (Used with 28-16108-11)	2

Figure 1. Upper Swashplate Assembly and Controls

(Adapted version of Figure 8-3, F-28/280 Series Illustrated Parts Catalog)