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 MARYSVILLE, WASHINGTON 98271
 FAA-PMA FACILITY #PQ111NM

Service Bulletin Fuel Systems

Bulletin No.: PRS-105

Revision No.: 1

Date: 11/12/04

SUBJECT: SERVO METERED FUEL PRESSURE PORT LEAKAGE

SECTION I - PLANNING INFORMATION

A. EFFECTIVITY:

All RSA-5, and RSA-10 series Fuel Injection Servos manufactured, overhauled, rebuilt, or repaired by Precision Airmotive LLC (PAM) between January 30, 2003, and April 24, 2003. A serial number listing is included in section II. (Revision 1 is an update to this listing)

B. REASON:

A number of fuel injection servos have been found to seep fuel from the metered fuel pressure port, due to scoring caused by a damaged test fitting. This bulletin identifies affected servos and provides information for repair.

C. COMPLIANCE:

Within the next 10 hours of flight, but no later than July 1, 2003.

SECTION II - IDENTIFICATION OF AFFECTED SERVOS

A. SERVOS MANUFACTURED, OVERHAULED, REBUILT, OR REPAIRED BY PRECISION AIRMOTIVE:

The following serial number listing identifies fuel injection servos which were processed by PAM during the applicable time period, and have not yet been recovered by PAM (as of 11/4/04). Servos which have been corrected by PAM will be identified with an "M" stamped on the lower right corner of the data tag.

Part Number	Serial Number(s)
2524054-11	80691
	210063
	1768641
	1989442
	70122705
	88012053
2524291-11	73273
2524297-10	14889
2524335-10	673320

Part Number	Serial Number(s)
2524450-9	70287304
	41834
2524500-9	70259605R
2524858-5	70279602
2524863-1	70286902
2549038-3	70090007
	70133404

Part Number	Serial Number(s)
2576536-2	70286804
	70345504
	70345505
	70345507
	70345508
	70345509
2576554-2	70273709

SECTION III – ACCOMPLISHMENT INSTRUCTIONS:

- A) If the aircraft has had a replacement servo (or replacement engine) installed between January 30, 2003 and the May 6, 2003, identify the serial number and determine if the unit is affected by this bulletin. If so, remove the servo from the aircraft and call the Precision Airmotive LLC product support department to arrange repair of the affected servo. The servo will be repaired and returned to the operator. It should then be reinstalled in accordance with applicable engine and airframe maintenance manuals.

SECTION IV – WARRANTY INFORMATION:

- A) Remove and replace labor will be reimbursed in accordance with the published Lycoming or TCM labor allowance at the maintenance facility's posted shop rate.

Contact Information: Precision Airmotive LLC
Product Support Department
(360)651-8282