



SIL RS-81 Revision 2

# Service Information Letter - Fuel Systems

SMALL RECIPROCATING ENGINES

RSA-10AD1

Issued 8/2/05

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**SUBJECT: Conversion Information for RSA-10AD1 Fuel Injection Servo  
Parts List Number 2576630.**

**PURPOSE:** To provide instructions for the conversion of 2576630-1, 2576630-2 and 2576630-3 servos to the 2576630-4 configuration.

Revision 2 updates to the dash 4 configuration

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA-10AD1 fuel injection servos; parts list number 2576630-1 thru -3. These servos are installed on Lycoming IO-540-AE1A5 engines on Robinson R44 II helicopters.
- B. **DESCRIPTION:** Servo parts list number 2576630-4 incorporates a revised configuration that allows installation in an alternate orientation on the helicopter. Refer to Robinson Helicopter R44 service bulletin SB-55 for conversion information. Refer to Precision Airmotive service information letter SIL RS-74 for detailed parts information. Please note that any of the three venturies (2523429, 2577228, or 2577236) or any of the three regulator covers (2523502, 2577195, or 2577225) are acceptable in the 2576630-4 configuration.