Service Newsletter

June 23, 2003

TITLE
OPTIONAL IDLE VALVE AVAILABILITY

TO
Cessna Distributors, Single Engine Service Stations and Cessna Pilot Centers

MODELS AFFECTED
All model 172R and 172S airplanes

DISCUSSION
The purpose of this Service Newsletter is to transmit Precision Airmotive Corporation Service Information Letter SIL RS-71: Optional Idle Valve For RSA-5AD1 Fuel Injection Servo Parts List 2576536-2. SIL RS-71 announces the availability of a new optional part number aluminum bronze idle valve designed to provide an alternative to the existing brass 2577110 idle valve.

* * * * * * * * *
SUBJECT: Optional Idle Valve for RSA-5AD1 Fuel Injection Servo Parts List 2576536-2

PURPOSE: To provide authorization for installation of an optional idle valve.

A. EFFECTIVITY: This Service Information Letter is applicable to all RSA-5AD1 fuel injection servos, parts list 2576536-2. These servos are installed on Lycoming IO-360-L2A engines.

B. DESCRIPTION: A new idle valve has been created to provide an alternative to the brass 2577110. The new idle valve, part number 2577197-589, is manufactured from aluminum bronze. These two idle valves are interchangeable. Servos using the 2577197-589 shall be marked with an “A” following the I.C. (or F.C.) block on the identification plate.

Reference manual 15-381G, IPL, Figure 5 (see SIL RS-48):

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>2577110 or 2577197-589</td>
<td>Valve, Idle, Lower</td>
</tr>
</tbody>
</table>