



SERVICE LETTER

No. 562

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

August 25, 1970

Subject: Scott Aviation Service Bulletin No. 35-32

Models Affected: PA-23-235 Apache; PA-E23-250 and PA-23-250 (Six Place) Aztec; PA-31 and PA-31-300 Navajo

Serial Numbers Affected: See Instructions Nos. 1 and 2, below.

Compliance Time: Reference Scott Service Bulletin No. 35-32, Item D, Compliance, attached.

Purpose:

- I. To replace the Fuel Selector Valves on aircraft specified in Instructions No. 1, below;
- II. To provide distribution of and supplemental information to Scott Service Bulletin No. 35-32, attached.

Instructions:

1. Replace the fuel selector valves on aircraft listed below, per Scott Service Bulletin No. 35-32, Item A Effectivity.
 - A. PA-23-250 (Six Place) Aztec "D", Serial Nos. 27-4520 and 27-4521.
 - B. PA-31 and PA-31-300 Navajo, Serial Nos. 31-622 to 31-626 incl., 31-628, 31-631, 31-632, 31-637 to 31-639 incl., 31-641, 31-642, 31-646 and 31-651.
2. Fuel Selector Valves, part numbers 30857-00, 30857-01 and 492 109, received from the factory Customer Service Sales Division from November 1, 1969 through April 30, 1970 may also be affected by Scott Service Bulletin No. 35-32. Any aircraft listed below having had fuel selector valves replaced since November 1, 1969 must be inspected to determine if fuel selector valve replacement is necessary, per Scott Service Bulletin No. 35-32, attached.
 - A. PA-23-235 Apache, Serial Nos. 27-505 and up.
 - B. PA-E23-250 and PA-23-250 (Six Place) Aztec, Serial Nos. 27-2223 and up.
 - C. PA-31 and PA-31-300 Navajo, Serial Nos. 31-2 and up.

(over)

Instructions: (Continued)

3. Fuel Selector Valve Packing, Piper part number 755 837 received from the factory during November 1, 1969 through April 30, 1970 in distributor/dealer stock must be removed from stock and disposed of. Recipients of fuel selector valve packings during this time period must be contacted to insure replacement.

Material Required:

PA-23-235 Apache, PA-E23-250 and PA-23-250 (Six Place) Aztec; Fuel Selector Valves Piper part numbers 30857-00 (LH) and 30857-01 (RH) as required per Scott Service Bulletin No. 35-32 and Instructions Nos. 1 and 2, above.

PA-31 and PA-31-300 Navajo; Fuel Selector Valves Piper part number 492 109, as required per Scott Service Bulletin No. 35-32 and Instructions Nos. 1 and 2 above.

Fuel Selector Valve Packing Piper part number 755 837, as required per Instructions No. 3, above.

Availability of Parts:

Piper Dealer.

Material Allowance:

PA-23-235 Apache, PA-E23-250 and PA-23-250 (Six Place) Aztec, Fuel Selector Valves Piper part numbers 30857-00 (LH) and 30857-01 (RH) as required per Scott Service Bulletin No. 35-32 and Instructions Nos. 1 and 2, above.

PA-31 and PA-31-300 Navajo; Fuel Selector Valves Piper part number 492 109, as required per Scott Service Bulletin No. 35-32 and Instructions Nos. 1 and 2 above.

Fuel Selector Valve Packing Piper part number 755 837, as required per Instructions No. 3, above.

Comply with Service Publications Compliance/Credit Request procedure.

Labor Allowance:

Three (3) hours (per aircraft) for each Fuel Selector Valve Replacement as required.

Three (3) hours (per aircraft) for each Fuel Selector Valve Packing Replacement, as required.

Comply with Service Publication Compliance/Credit Request procedure.

Disposition of Parts in Stock:

(Reference Scott Service Bulletin No. 35-32; affected Scott serial numbers only)

<u>Part Number</u>	<u>Nomenclature</u>	<u>Code</u>
30857-00 (LH)	Valve-Fuel Selector	B
30857-01 (RH)	Valve-Fuel Selector	B
492 109	Valve-Fuel Selector	B
755 837	Packing-Fuel Selector Valve	C

Disposition of Replaced Parts:

(Reference Scott Service Bulletin No. 35-32; affected Scott serial numbers only)

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty. (per aircraft)</u>	<u>Code</u>
30857-00 (LH)	Valve-Fuel Selector	One Each	B
30857-01 (RH)	Valve-Fuel Selector	One Each	B
492 109	Valve-Fuel Selector	Two Each	B
755 837	Packing-Fuel Selector	Four Each	C

NOTE

CROSS REFERENCE LIST

Piper/Scott Fuel Selector Valve Part Numbers

<u>Piper Part Number</u>	<u>Scott Part Number</u>
30857-00	23640-3
30857-01	23640-1
492 109	800412-00

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FUEL SELECTOR VALVE - REPLACEMENT

1. Planning Information

A. Effectivity

The following Fuel Selector Valves Scott P/N 23640-0, -1, -3 and 800412-00 should be serial number checked against this Service Bulletin.

- (1) 23640-0 } The following Serial Numbers require
 23640-1 } replacement with a new Fuel Selector Valve.
 23640-3 }

5903	5932	5959	5988
5904	5934	5960	6161
5906	5935	5961	6166
5907	5936	5964	6169
5909	5939	5966	6281
5910	5941	5967	6308
5911	5943	5968	6311
5912	5944	5969	6312
5920	5945	5971	6320
5921	5946	5972	6321
5923	5948	5973	6322
5924	5949	5974	6324
5925	5950	5976	6333
5926	5953	5977	6336
5927	5954	5978	6357
5928	5956	5979	6369
5929	5958	5985	6370
			6382

- (2) 800412-00 - The following Serial Numbers require replacement with a new Fuel Selector Valve.

1700	1706	1712	1719
1701	1707	1713	1721
1702	1708	1714	1722
1703	1709	1715	1723
1704	1710	1716	1724
1705	1711	1717	1725

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1726	1741	1770	1843
1727	1744	1771	1851
1728	1745	1777	1852
1729	1749	1778	1853
1730	1750	1779	1854
1731	1751	1794	1856
1732	1755	1795	1857
1733	1758	1796	1858
1734	1759	1812	1859
1735	1761	1835	1860
1736	1762	1836	1861
1737			

B. Reason

Some of the Fuel Selector Valves listed may have a defective "O" ring that expands on contact with fuel and prevents closure of the valve.

C. Description

Check Serial Number Listing for suspected defective Fuel Selector Valves - do not attempt repair, replace with factory available replacements.

D. Compliance

Scott Aviation recommends that the serial number listed Fuel Selector Valves be replaced within 100 operating hours or upon receipt of this bulletin.