



SERVICE BULLETIN

No. 421

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

March 18, 1974 M

Subject:

Fuel Selector Valve Replacement

Models Affected:

PA-31P Navajo

Serial Numbers Affected:

1. 31P-1 to 31P-7300147 incl. -- when the original fuel selector valve has been replaced with Fuel Selector Valve Replacement Kit, Piper Part No. 760 786.
2. 31P-7300148 to 31P-7400186 incl., 31P-7400190 to 31P-7400197 incl.

Compliance Time:

At the next regularly scheduled inspection interval, not to exceed the next 100 hours of operation.

Purpose:

To provide material and instructions to replace the existing fuel selector valves on the above referenced aircraft with an improved unit which is designed to assist in proper fuel system management by preventing inadvertent transfer of fuel between tanks through the selector valves. The new improved fuel selector valves are identified as (Piper) Part No. 492 239, manufacturer's (Dukes) part number 3487-00-1 which replace fuel selector valves (Piper) Part No. 492 221, manufacturer's (Dukes) part number 3487-00.

Instructions:

1. Refer to Pressurized Navajo Service Manual, Section IX, Fuel System, for fuel selector valve removal, installation and adjustment information.
2. Remove fuel selector valves identified by manufacturer's (Dukes) part number 3487-00, valve serial numbers 1679 and below.
3. Replace with new fuel selector valves (Piper) Part No. 492 239, manufacturer's (Dukes) part number 3487-00-1, valve serial numbers 1680 and up, further identifiable by a spot of colored (yellow) paint on the valve body.
4. Adjust fuel selector control valve in accordance with above referenced service manual information.
5. Make appropriate log book entry.

(over)

Material Required:

Two (2) each per aircraft Fuel Selector Valves, Piper Part No. 492 239.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This Service Bulletin is effective March 29, 1974.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with this service release in accordance with the provisions of Compliance Time, above. Replacement material specified in this service release is available through your Piper Field Service Facility free of charge, providing the replacement is accomplished by your Piper Field Service Facility.

A Service Publication Compliance form is enclosed with each copy of this service release mailed to affected owners of record; this form is to be filled out according to instructions on the form reverse side and left with the Piper Dealer performing the modification.