

SERVICE



LETTER

Service Letter No. 408

October 9, 1963

TO: Distributors, Dealers, Certified Service Centers and Owners

SUBJECT: Installation of Fuel Valve Control Stop

MODELS AFFECTED: PA-30 Twin Comanche, Serial Nos. 30-1 to 30-112 incl., 30-115 to 30-124 incl., 30-126, 30-127, 30-128, 30-130 and 30-131 inclusive

DATE OF COMPLIANCE: Prior to but not later than next 50 hours of operation

It has been brought to our attention that there is a possibility that the right fuel selector valve control may be rotated beyond the normal cross-feed position.

It is requested that kit 756 774, consisting of parts necessary to insure a more positive stop, be installed in the right fuel selector valve control assembly on the subject aircraft, serial numbers listed above. Also included in this kit are two improved fuel selector valve control handles which shall be installed in place of the presently installed handles. See sketch and instructions attached to this letter for details of installation procedure.

The material required for compliance with this letter will be supplied on an automatic factory distribution basis. It will not be necessary to submit a purchase order for your requests. A compliance card will be supplied with this kit and shall be signed and returned along with the removed fuel selector valve control handles as soon as this modification is completed.

A warranty and credit claim may be submitted for three (3) hours of labor.

Very truly yours,

PIPER AIRCRAFT CORPORATION

A handwritten signature in cursive script that reads "Wes Holmes".
Wes Holmes
Service Manager

WH:dld

PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.

FUEL SELECTOR VALVE CONTROL STOP INSTALLATION
KIT 756 774

The following instructions are provided as a guide for installing a positive stop on the right fuel selector mechanism.

1. Replace the present fuel selector handles with new handles provided with the kit.

NOTE

Steps 2 and 3 below must be accomplished prior to removing the fuel selector panel and the center section of the floorboard.

2. Position the left fuel selector valve handle in cross-feed position and the right handle in auxiliary position. Open the fuel strainer access door and adjust the right hand linkage so that the valve is positively in the detent when the handle is moved to the main position. The handle should just clear the cross-feed link.

3. Adjust left hand linkage in a similar manner with the right fuel selector valve handle in cross-feed position and left handle in auxiliary position.

NOTE

In some instances it may be unnecessary to make the adjustments as outlined when performing Steps 2 and 3 above.

4. Remove the two front seats, seat rails, fuel selector handles and fuel selector panel. Pull the carpet to one side to gain access to the center floorboard section. Remove this section of the floorboard.

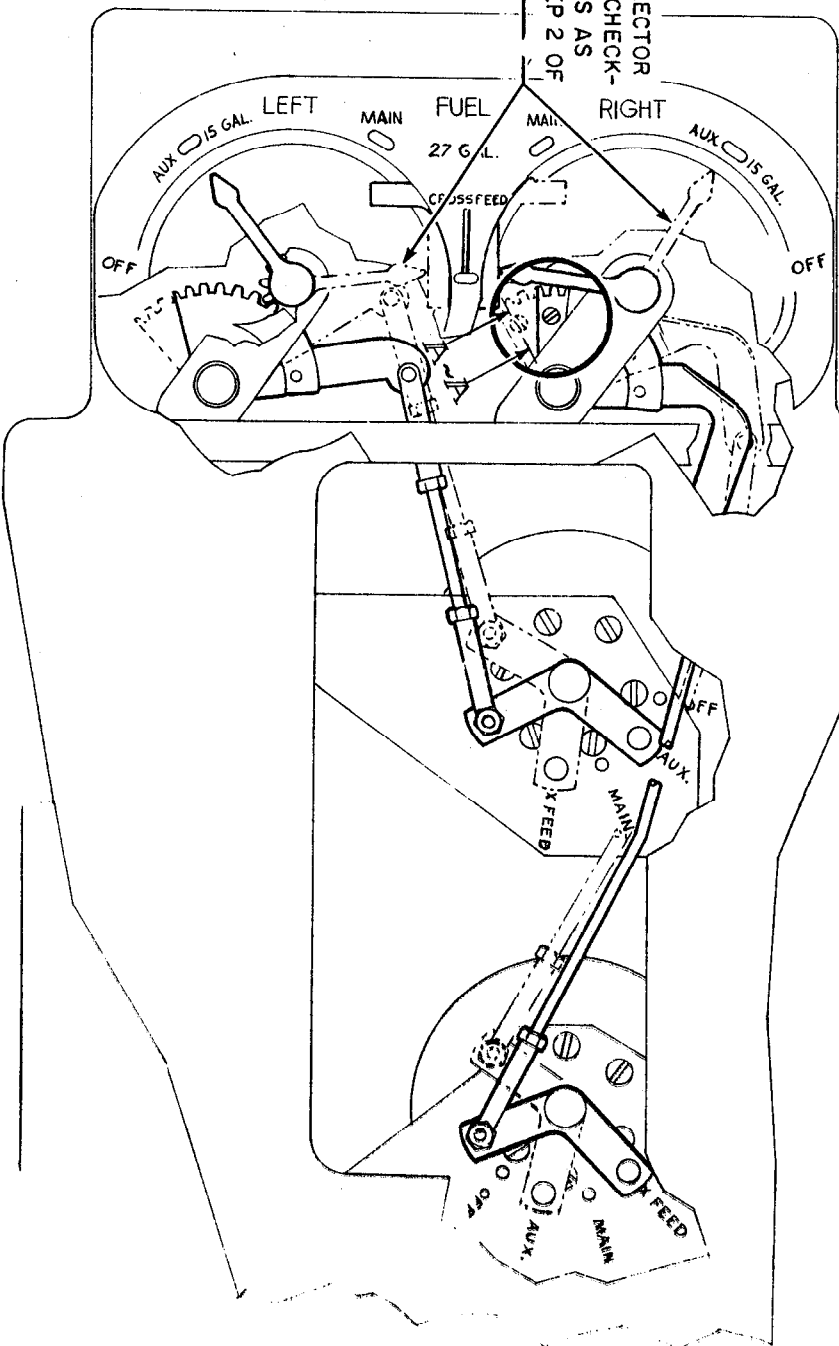
5. Insure right fuel selector is in the cross-feed position. Then position drill jig as shown on sketch and drill an .098 pilot hole. Remove the drill jig and enlarge hole with #11 drill (.191) for stop screw and nut.

6. Install screw and nut as per sketch.

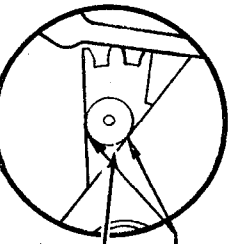
7. Check the system for proper operation. Insure arms on the valves are in the proper detent to coincide with the markings on the fuel selector panel.

8. Reinstall the center floorboard section, carpet, fuel selector panel, seat rails and seats.

POSITION OF SELECTOR
HANDLES WHEN CHECK-
ING ADJUSTMENTS AS
SPECIFIED IN STEP 2 OF
INSTRUCTIONS



DRILL JIG BUSHING SHOULD TOUCH SUPPORT BRACKET
AND TANGENT TO GEAR PLATE
(HANDLE IN CROSSFEED POSITION)



SECTION A-A

SK-1518 BUSHING (USE AS DRILL JIG ONLY)
WITH DRILL JIG BUSHING ON GEAR PLATE AS SHOWN, DRILL .098 PILOT HOLE THRU PLATE
SCREW—AN 501-10-5, NUT—MS 20364-1032 C

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