



"TAKE YOUR CESSNA HOME
FOR SERVICE AT THE SIGN
OF THE CESSNA SHIELD"

single-engine **SERVICE LETTER**

MARKETING DIVISION • CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS 67201 • CABLE ADDRESS / CESSCO WICHITA

June 27, 1977

SE77-22

SUBJECT: FUEL SELECTOR VALVE INSPECTION

AIRCRAFT APPLICABILITY: 1976 and 1977 Model U206, 207 and 210
and earlier 200 series aircraft which
have had the fuel selector valve replaced

(See REMARKS for aircraft serial numbers)

REASON FOR LETTER:

The possibility of the fuel selector valve rotor being improperly attached to the selector shaft exists on a certain group of 200 series aircraft. Therefore, an immediate inspection is necessary.

The group of selector valves requiring this inspection are valve serial numbers 1421 thru 3269, which were installed on production aircraft or shipped as service replacement valves during the time period from December 19, 1975 thru June 13, 1977.

ACTION REQUIRED:

Within the next 25 hours of operation - -

1. Inspect all applicable 200 series aircraft (Reference REMARKS for aircraft serials) for fuel selector valves with serial numbers 1421 thru 3269.

The selector valve serial number
is stamped on a metal plate located
on the upper corner of the valve.

2. Aircraft incorporating fuel selector valves outside this serial number block are not affected by this Service Letter and may be returned to service.
3. Selector valves within this serial block must be inspected by a pull test, as described in the attached instructions.

continued

4. Selector valves which do not pass the pull test inspection must be replaced prior to the next flight.

PARTS INFORMATION:

Replacement fuel selector valves (part number C291503-0101), if required, are available through the Cessna Dealer Organization at a suggested list price of \$249.00 (S) each.

CREDIT INFORMATION:

A labor allowance will be paid for inspecting selector valves for serial numbers and performing the valve pull test inspection. In addition, full parts credit plus a labor allowance will be paid for replacement of fuel selector valves which do not pass the pull test inspection. The work must be accomplished by the following dates and a credit claim submitted by your Cessna Dealer.

Domestic and Canada November 1, 1977

International January 1, 1978

REMARKS:

The following 200 series aircraft require inspection of the fuel selector valve as described in this Service Letter.

1. All of the following 1976 and 1977 Models.

U20603124 thru 03712, 03714 thru 03791, 03793 thru 03797,
03799 thru 03803, 03805, 03808 thru 03812,
03814 thru 03846, 03848, 03850,
03851, 03853 thru 03857, 03861, 03862,
03867 thru 03871, 03875, 03876, 03882, 03886

20700323 thru 00373, 00375 thru 00394

21061155 thru 61731, 61733 thru 61766, 61768 thru 61860,
61862 thru 61881, 61883 thru 61987, 61990 thru 61993,
61995 thru 62005, 62007 thru 62009, 62012 thru 62017,
62020 thru 62022, 62024 thru 62027, 62029,
62033 thru 62037, 62043

continued

2. In addition to the above aircraft, any of the following 200 series aircraft, which had the original fuel selector valve replaced with a selector valve (part number C291503-0101) since December 19, 1975 will also require inspection of the fuel selector valve as described in this Service Letter.

205-0481 thru 205-0577
206-0001 thru 206-0275
P206-0001 thru P20600647
U206-0276 thru U20603123
20700001 thru 20700322
21058221 thru 21061154
T210-0001 thru T210-0454

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(Owner Notification System - No. 2)

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CESSNA AIRCRAFT COMPANY

INSPECTION INSTRUCTIONS:

1. Place fuel selector valve in the OFF position.
2. Remove selector valve handle and associated parts. Remove control pedestal and selector valve access plate on floor.
3. (Refer to figure 3.) Check the selector valve serial number. If valve serial is within 1421 thru 3269, accomplish the pull test inspection covered below. If serial is not within this block, the valve is not affected and aircraft may be returned to service.
4. Remove safety wire, roll pin, and valve handle shaft from valve control yoke.
5. Fabricate tools shown in figure 1.

NOTE

Do not crimp sleeve on one end of cable assembly until cable is fed thru hole in valve shaft yoke.

6. Feed cable thru hole in yoke and crimp cable securely.
7. (Refer to figure 3.) Remove four screws securing selector valve cover.
8. Seated, as shown in figure 2 and with tensiometer attached to cable, exert an upward force using arms and legs, of 130 lbs. minimum to 150 lbs. maximum.
9. If no upper movement of valve shaft is evident, reinstall all previously removed items since inspection is complete and valve is satisfactory for continued in service use.

CAUTION

Exert upward force gradually. If any upward movement of valve shaft is apparent, release force immediately. Drain fuel from aircraft and install new valve in accordance with Service Manual Instructions.

In the unlikely event that the shaft would pull out of the valve body, fuel will flow from the valve. Plug valve body ports, drain fuel from aircraft & replace valve.

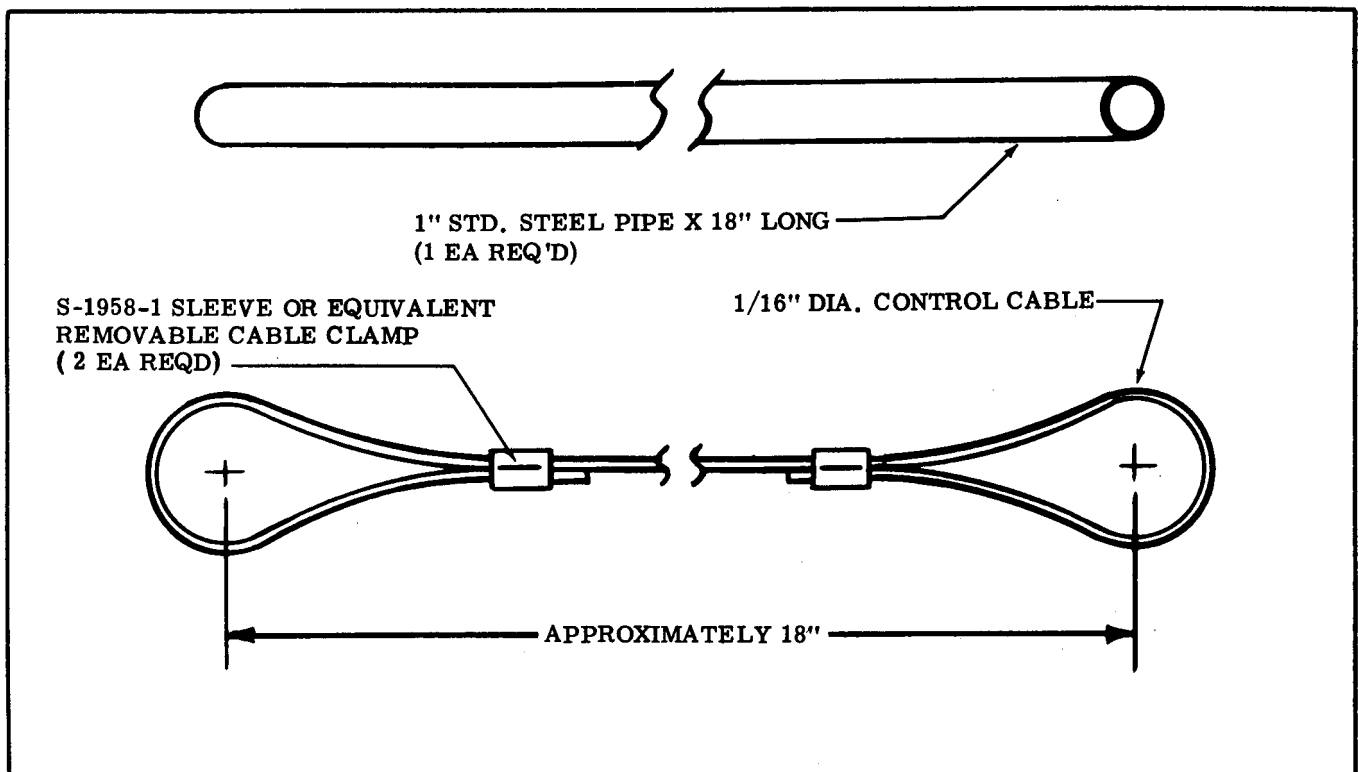


Figure 1. Inspection Aids.

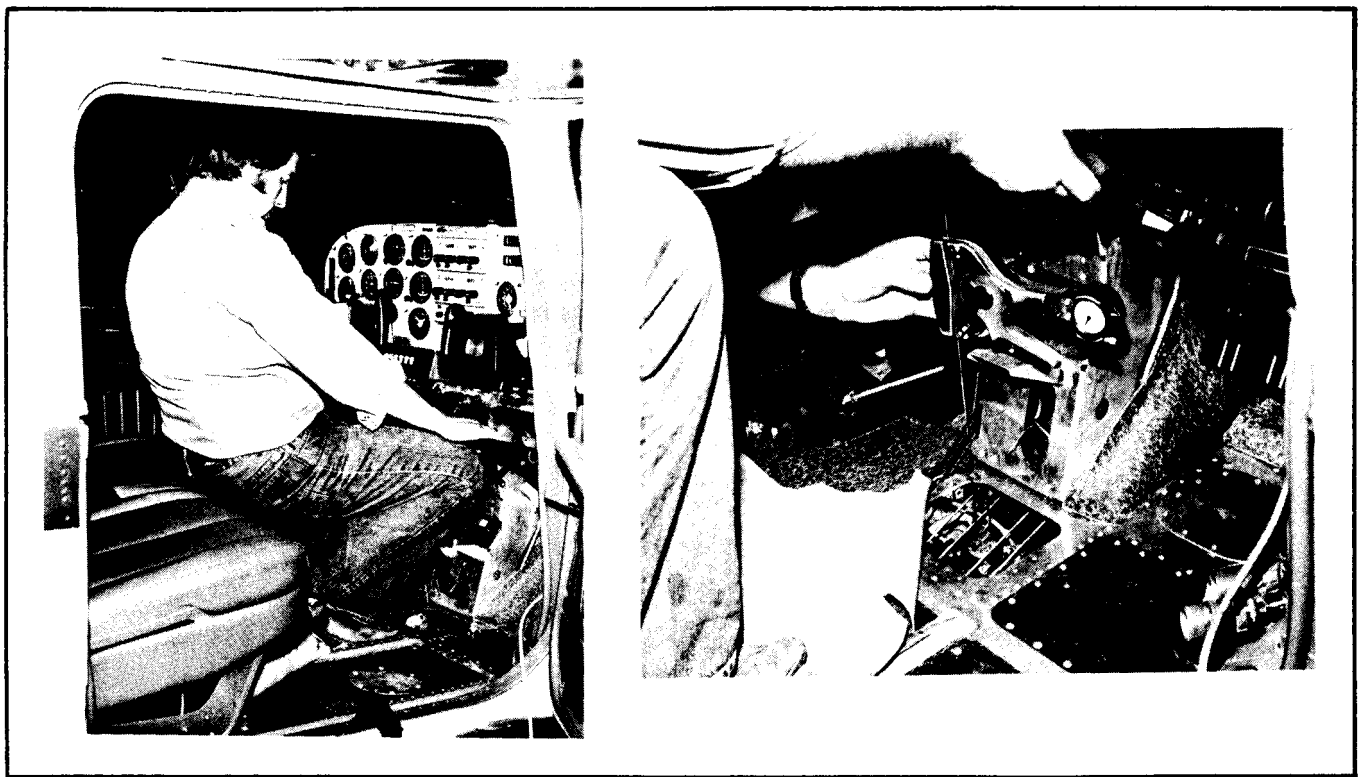


Figure 2.

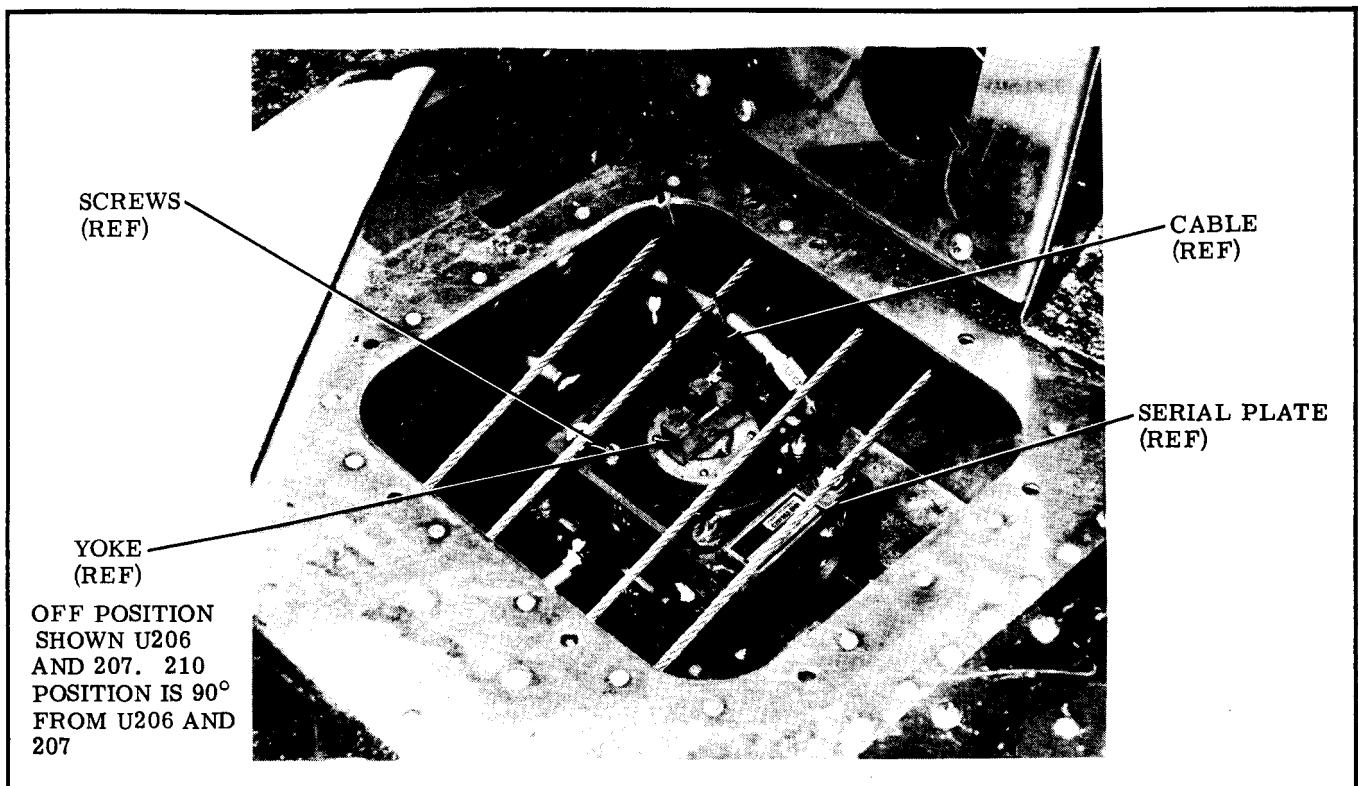


Figure 3.