



# SERVICE BULLETIN

FUJI HEAVY INDUSTRIES LTD.

HEAD OFFICE

: SUBARU BLDG,  
SHINJUKU, TOKYO, JAPAN

NO : FAS - 005"C"

DATE : DECEMBER 6, 1969

REV."C" APRIL 12, 1978

THIS BULLETIN SUPERSEDES SERVICE BULLETIN FAS-005B DATED MARCH 10, 1970  
IN ITS ENTIRETY.

1. SUBJECT : Functional Check of Fuel Quantity Transmitter
2. AIRCRAFT AFFECTED : All FA-200 series aircraft with any of the following transmitters installed:
  - (1) P/N QF-32-1/-2 transmitters without suffix M2 or M3 following the serial number.
  - (2) P/N QF-32-1/-2 transmitters with suffix M2 or M3 following the serial number and P/N QF-32-1A/-2A transmitters.
3. PRIORITY : Mandatory.
4. REASON : To prevent erroneous fuel quantity indication due to malfunction of the fuel quantity transmitter.
5. DESCRIPTION : Check for proper operation of the fuel quantity transmitter and the indicator in accordance with paragraph 13 of this bulletin.
6. ACCOMPLISHMENT : For parts as listed in the above paragraph 2 - (1) :  
Check each 50 hours.  
For parts as listed in the above paragraph 2 - (2) :  
Check each 1000 hours or 12 months, whichever occurs first.
7. APPROVAL : JCAB Approval (No.-TOKYO-53-001) April 4, 1978
8. PARTS REQUIRED : None required.
9. SPECIAL TOOLS : None required.

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10. WEIGHT AND BALANCE : Not applicable.
11. REFERENCE : None.
12. MANHOUR REQUIRED : A minimum of manhour required.
13. DETAILED INSTRUCTIONS :

13-1 Preparation.

- (1) Open fuel filler cap.
- (2) Position Master switch ON.

13-2 Functional Check

Accomplish either of the following procedure (1) or (2).

(1) Functional Check by Hand:

Through the fuel tank filler opening, lightly hold fuel quantity transmitter float and slowly move the float upwards and downwards. Observer should check for smooth operation of fuel quantity pointer. The pointer should also indicate "F" and "E" when float arm is positioned at tank upper surface and at lower surface.

CAUTION

Handle float arm carefully to avoid damage (deformation of arm) when accomplishing the above inspection.

(2) Functional Check by Fuel Servicing:

Position airplane in a level place. Fill tank with fuel to cap lower surface, and check to ensure that the pointer indicates "F". Drain fuel at drain valve located on tank bottom. Observer should check for smooth operation of fuel quantity pointer. The pointer should also indicate "E" when fuel is completely drained.