

SERVICE BULLETIN



FUJI HEAVY INDUSTRIES LTD.

JCAB APPROVED

HEAD OFFICE ; SUBARU BLDG.
SHINJUKU, TOKYO, JAPAN

NO. 200-011 DATE March 6, 1992 (SUPERSEDES NO.)
REV. DATE (SUPERSEDES NO.)
REASON

1. SUBJECT : Inspection of Flap Control Lever Pawl Rod
2. AIRCRAFT AFFECTED : All FA200 series aircraft
3. PRIORITY : Essential
4. REASON : Since there has been an instance reported whereby the flap control lever pawl rod failed, an inspection is required of the affected area.
5. DESCRIPTION : Accomplish inspection and (if necessary) replacement of the flap control lever pawl rod in accordance with para 6 and 12 of this bulletin.
6. ACCOMPLISHMENT : For aircraft whose pawl rod service time (or aircraft flight time if unknown) is less than 3800 hours, accomplish inspection at the first 100 hours inspection after 3800 hours is reached. For aircraft whose service time is more than 3800 hours, accomplish inspection at the next 100 hours inspection after receipt of this bulletin. Repeat inspection per para 12-1 every 100 flight hours thereafter.
7. APPROVAL : JCAB Approval (No-Tokyo-3-011) February 17, 1992
8. PARTS REQUIRED : The following parts will be required to comply with this bulletin (it any crack if found).

No.	PART NUMBER	NAME	QTY	REMARKS
1	200-524405-003	PAWL ROD	1	
2	MS24665-132	PIN	2	
3	MS24665-134	PIN	1	
4	METALSET A-6/A or EQUIVALENT	BOND EPOXY	AR	PRODUCTS OF ARMSTRONG PROD CO.

9. SPECIIL TOOL : None required.
10. WEIGHT AND BALANCE: Not applicable.
11. REFERENCE : Not applicable.



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12. DETAILED INSTRUCTIONS:

12-1 Inspection of Pawl Rod:

- (1) Move flap control lever "full down".
- (2) Clean pawl rod at detail "A", Figure 1, using naphtha or equivalent.
- (3) Using 10X magnifying glass, inspect pawl rod at detail "A", Figure 1, for crack.

NOTES

- (a) Pay special attention to the internal bend radius area of pawl rod.
 - (b) Dye penetrant inspect suspected area if required for crack confirmation.
- (4) If any crack is found, replace pawl rod in accordance with para 12-2.

12-2 Replacement of Pawl Rod:

NOTE

See Figure 1 for all items reference in this paragraph.

- (1) Move flap control lever "full down".
- (2) Remove bolt (3) connecting pawl (2) to lever assembly (1), and disconnect pawl (2).
- (3) Remove two pins (5) attaching lever (6) to lever assembly (1), and pull out lever (6) from lever assembly (1).
- (4) Pull out pawl rod (4) and control knob (7), as one piece, from lever (6) in the opposite direction.

NOTE

Pawl rod (4) is inserted and bonded to control knob (7).

- (5) Remove pawl rod (4) from control knob (7).
- (6) Cut out upset end of pawl rod (4), and remove pawl (2).
- (7) Remove adhesive residues from control knob (7). Apply bond (A-6/A or equivalent to rouletted portion of new pawl rod (200-524405-003), and insert into control knob.

- (8) Apply bead of bond (A-6/A or equivalent) around the inserted pawl rod.
- (9) Insert pawl rod (4) through pawl (2), and upset end of pawl rod as shown in Figure 1, Detail A.
- (10) Insert pawl rod (4) and control knob (7) in the reverse order of the above step (4).
- (11) Install pawl (2) and lever (6) on lever assembly (1) in the reverse order of the above steps (2) and (3).
- (12) Move control lever full travel and check for proper operation.

NOTE : After inspection or replacement has been completed, make a log book entry to indicate accomplishment of this bulletin.

