SERVICE BULLETIN

SUBARU CORPORATION

HEAD OFFICE ; EBISU SUBARU BLDG. SHIBUYA, TOKYO, JAPAN

JCAB APPROVED

NO. 200-017   DATE November 7, 2017   (SUPERSEDES NO.   )

REV.   DATE   (SUPERSEDES NO.   )

REASON

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1. SUBJECT : Check of Attaching Bolts for Wings, Flaps, Nose Landing Gear Assembly and Engine

2. AIRCRAFT AFFECTED : All of FA-200-160 and -180 (including 180AO) series aircraft

3. PRIORITY : Essential

4. REASON : Service News No. FAN-038 Rev. N/C through Rev. J had incorrect and insufficient information about the part numbers of bolts, some of which may not have been checked at the 3,000 hour special inspection. Confirm if the bolts were inspected at that time, and, if necessary, perform magnetic particle inspection on them or replace them.

5. DESCRIPTION : Check attaching bolts for the wings, flaps, nose landing gear assembly and engine to confirm that they underwent magnetic particle inspection or were replaced at the previous 3,000 hour special inspection. If they did/were not or unknown, perform magnetic particle inspection on them or replace them.

6. ACCOMPLISHMENT : Accomplish this service bulletin within one year after the receipt of this service bulletin.

7. JCAB APPROVAL : JCAB Approval (No. Kou-17-012) November 7, 2017

8. WORK CLASSIFICATION : The non-destructive inspection in this service bulletin falls under minor repair. The other technical tasks fall under general maintenance.

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9. PARTS REQUIRED : The following parts are required to accomplish this service
bulletin.

No.	Part Number	Description	Quantity per Aircraft	Remarks
1	NAS1306-48D	Wing attaching bolt	2	*1
2	NAS1304-9D	Flap attaching bolt	4	*1
3	AN8-37	Nose landing gear assy attaching bolt	1	*1
4	NAS1307-50D or AN7-35	Engine attaching bolt	4	*1, *3
5	NAS1307-50D	Engine attaching bolt	4	*1, *4
6	MS24665-283	Cotter pin	2	*2
7	MS24665-132	Cotter pin	4	*2
8	MS24665-300	Cotter pin	1	*2
9	AN380-3-4	Cotter pin	4	*2

*1: Required for bolt replacement.

*2: Required for magnetic particle inspection or bolt replacement.

*3: Applied to aircraft of the serial number 243 and before

*4: Applied to aircraft of the serial number 244 and after

10. SPECIAL TOOL : None

11. WEIGHT AND BALANCE: Not affected

12. REFERENCES : Service manuals and parts catalog

13. DETAILED INSTRUCTIONS:

(1) Check maintenance records to confirm that magnetic particle inspection or replacement
was performed at the previous 3,000 hour special inspection for wing attaching bolts
(Parts Catalog FIG.2-4 (lower side only)), flap attaching bolts (Parts Catalog FIG.2-8),
nose landing gear assembly attaching bolts (Parts Catalog FIG.7-2) and engine
attaching bolts (*5).

(2) Accomplish the following a) or b) depending on the above check.

a) If either inspection or replacement was performed, or if the aircraft has less than
3,000 flight hours and neither has been performed yet, no action is required.

b) If the aircraft has more than 3,000 flight hours but neither inspection nor
replacement has been performed yet or it is unknown if either was performed,
perform magnetic particle inspection on the bolts or replace them per Service
Manuals 1-3, 4-5, 4-8, 4-11, 7-11, 8-3 and 9-4.

*5:Parts Catalog FIG.38-8 or 39-8 (in Part Catalog No.FA200-201)
Parts Catalog FIG.32-34 or 33-32 (in Part Catalog No.FA200-202)

14. OTHERS

   (1) The task of this service bulletin must be recorded in the aircraft log book with the approval by qualified mechanics.

   (2) The revision of Service News No. FAN-038 (Rev. K) will be published.

   (3) Inform SUBARU of the current status of the aircraft through the SUBARU FA-200 website as follows immediately after the receipt of this service bulletin. (This is the purpose of research for the current status of each aircraft.)

        ・SUBARU FA-200 website: https://www.subaru.co.jp/faq/fa200_en/
        ・Entry: a) Country of Registration
                b) Registration Number
                c) Type of Aircraft
                d) Serial Number
                e) Total Flight Hours
                f) Have you ever used FA-200 as training aircraft?
                  (yes (period of time), no, unknown)