



SERVICE BULLETIN

FUJI HEAVY INDUSTRIES LTD.

HEAD OFFICE

: SUBARU BLDG,

SHINJUKU, TOKYO, JAPAN

NO : FAS-038A

DATE : March 15, 1971

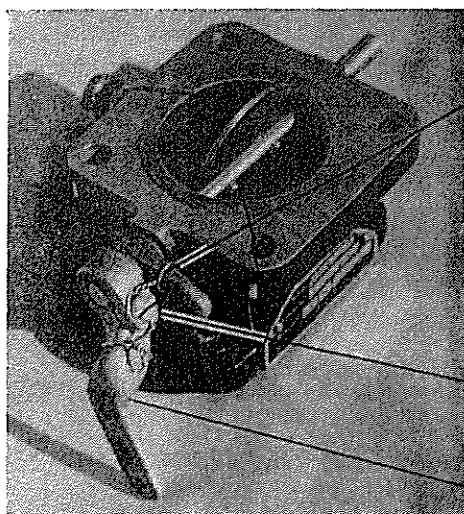
1. SUBJECT : Retighten and Lockwire Carburetor Throttle Arm Screw.
2. AIRCRAFT AFFECTED: All FA-200-160 Series. (FA-200-180 not affected). |A
3. PRIORITY : Essential.
4. REASON : An instance has been reported that the subject throttle arm loosening was caused by improper torque.
5. DESCRIPTION : Retighten and inspect the carburetor throttle arm screw.
6. ACCOMPLISHMENT : This instruction shall be accomplished not later than the first 100 hour inspection.
7. APPROVAL : JCAB Approval NO-TOKYO-005 March 1, 1971.
8. PART REQUIRED : None.
9. SPECIAL TOOLS : None.
10. WEIGHT AND BALANCE: Negligible.
11. REFERENCE : Lycoming Service Bulletin NO 330A. |A
12. MAN POWER : 1 manhour.
13. WORK PROCEDURE :

(1) Remove upper and lower cowling from the aircraft.

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- (2) Cut lockwire securing the throttle arm screw.
- (3) Check to be sure that torque value of the screw is within limits of 20 to 25 IN-LBS. A
- (4) If the screw is out of the above limits, retighten to 20-25 IN-LBS. Be sure the torque handle is correctly calibrated to insure the attaching screw is neither under nor over tightend. A
- (5) Check throttle arm operation and make sure that the arm is properly stopped by the arm stopper of carburetor.
- (6) Secure screw with .032 inch diameter lockwire as shown in the illustration. The wire is first tied to the idle Stop lever, then continued as shown in the illustration. Make sure the wire is looped around the Screw to tension it in the tightening direction of the Screw. A
- (7) Install the removed cowling in place.



Location of Loop must produce clockwise tension on Screw. A

Throttle arms assembled with attaching screw in opposite directions, Tighten this screw to 20/25 IN. LBS torque. A

Lockwire is installed around idle stop, then twisted toward next tie point. A

Note: Although sequence and direction of tying may vary, idle stop arm, throttle arm and attaching screws must all be tied together. A