

S E R V I C E    B U L L E T I N

NO.    FAS-009

Fuji Heavy Industries Ltd.

DATE

1.    SUBJECT :                    Replacement of orifice tube assemblies of nose and main landing gear shock strut.

2.    AIRCRAFT AFFECTED :    FA-200 Serial No. 12 through 55 airplanes.

3.    PRIORITY :                    Optional

4.    REASON :                    The new orifice tube with the better rebound control have been designed. By the installation of the landing gear with this orifice tube, the airplane shall be more stable and the shock sound at the take off or landing on the rough runway shall be dissolved, because the rebound of landing gear piston is perfectly controled.

5.    DESCRIPTION :                Replace the orifice tube assemblies of nose and main landing gear shock strut to the new one. With this replacement the oil level and oleo air pressure should be changed as follows:

	Main	Nose
*Oil level (inch)	1.14 ± 0.04	1.28 ± 0.04
Oleo pressure(psi)	80 ± 10	100 ± 10

\* Oil level means the distance from the top of the strut to the oil surface, compressing the landing gear fully.

6.    ACCOMPLISHMENT :            On any time.

7.    APPROVAL :                    Not applicable.

8. PARTS REQUIRED :

main	200-812123	Orifice tube assy	2 ea.
	200-000256-049	Placard	2 ea.
Nose	200-822123	Orifice tube assy	1 ea.
	200-000256-041	Placard	1 ea.

9. SPECIAL TOOLS : Nothing.

10. WEIGHT AND BALANCE: No change.

11. REFERENCE : Nothing.

12. MANPOWER : 10 MH

13. WORK PROCEDURE :  
Disassemble the nose and main landing gear shock strut in accordance with the FA-200 Service Manual. Replace the orifice tube assembly. Adjust and assemble the shock strut as described in No. 5 DESCRIPTION and Service Manual.  
Fix the placard on the strut.