



FIELD SERVICE NEWS

FUJI HEAVY INDUSTRIES LTD.

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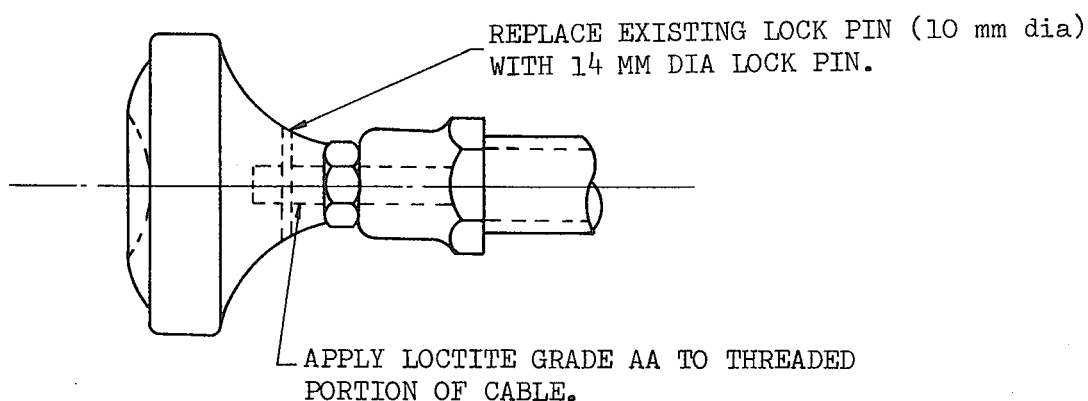


IMPROVEMENT OF PARKING CONTROL CABLE ASSY

There have been a few instances reported whereby the pilot failed to operate the parking control cable assy since failure of the knob lock pin occurred due to overtightening and resulted in idle rotation of the knob. The following improvements have been made to preclude failure of the lock pin. Model FA-200 Aircraft, S/N 202 and subsequent and spare parts will have this modification accomplished prior to delivery.

Improvements:

1. The diameter of the lock pin has been increased to 1.4 mm from 1.0 mm.
2. Loctite grade AA has been applied to the threaded portion of the cable.



FAN - 031

PAGE 1 OF 2

These improvements have increased locking strength greatly (approximately three times), thus eliminating possible failure of the lock pin which can be attributed to overtightening. It is, therefore, recommended that the cable assy be repaired in accordance with the following procedures, if failure of the lock pin occurs.

1. Drill out the existing pin with 1.2 mm dia drill.
2. Remove the cable from the knob. Apply loctite Grade AA to the threaded portion as shown in the accompanying figure, and reinstall the cable into the knob.
3. Drill through the knob and cable with 1.4 mm dia drill.
4. Cut 1.4 mm dia music wire (JIS G 3522 SWPA or equivalent) to a proper length (approximately 15 mm) in order to make a lock pin.
5. Insert the lock pin into the hole, and stake around the ends of the pin.

The following parts are required to perform this modification:

Part Number	Nomenclature	Qty	Remarks
JIS G 3522 SWPA	Music Wire	1	1.4 mm dia x 15 long
Loctite Grade AA	Adhesive	AR	