



NUMBER: S.I. M20-63
DATE: 4-12-83

SUBJECT: ENGAGEMENT OF BAGGAGE DOOR AUXILIARY EXIT LATCHING MECHANISM.

MODELS/SERIAL NUMBERS AFFECTED: Mooney M20J S/N 24-0084, 24-0378 through 24-1381. Mooney M20K S/N 25-0001 through 25-0754.

TIME OF COMPLIANCE: At next scheduled maintenance action or earlier.

INTRODUCTION: Reports have been received that baggage doors have come open during takeoff or in flight conditions. These have been traced back to improper re-engagement of the latching pin into the outside handle cam assembly after demonstration or use of the inside auxiliary exit handle. The purpose of this S.I. is to install a positive means of pin engagement whenever the auxiliary exit handle is activated. The latching pin will be spring loaded back into the cam slot of the outside baggage door handle assembly.

INSTRUCTIONS:

1. Open the baggage door from the outside.
2. Pull the small white plastic cover off to expose auxiliary exit handle. Open the auxiliary exit handle according to the adjacent placard or the Pilots Operating Handbook, Section III.
3. Check white plastic (nylon) knob and grommet to verify correct installation. (See figure 1).
4. Pull red handle fully open; mark, center punch and drill a .043 dia. hole in the clip, P/N 350191-5, (see figure 1 insert for location).
5. Attach LE-029C-6 spring to clip at new hole.
6. Attach other end of spring to 350190-1 new clevis pin which engages into cam slot of outside handle assembly.
NOTE: The existing AN393-35 clevis pin will require removal from handle assembly to allow the new pin to be used. (see figure 1).
7. Re-engage the outside latch per P.O.H. instructions. Verify that the 350190-1 pin engages the outside handle properly.
8. Verify that both handle assemblies work smoothly and properly to engage or disengage the latch pins into door frame.
9. When working properly, snap the white grommet into large hole in clip, 350191-5, and push knob plunger into grommet to lock red handle in place.
10. Close outside handle while baggage door is open and see if both locking pins stick out approximately .625 inches or more from the door sides and that they can not be pushed back into the door with nominal hand force.
11. Replace the white plastic cover over red handle. Adjust the retaining screws as required to hold the cover securely.
12. Shut and secure the baggage door.
13. Enter compliance note into log book and return airplane to service.

REFERENCE DATA: N/A

PARTS LIST: S.I. No. M20-063-01

QTY	P/N	DESCRIPTION
1	LE-029C-6	Spring
1	350190-001	Pin

