

Service Letter: 434

Date: June 9, 2011

Title: Door Release Pin and Ring

Effectivity: 7ECA, 7GCAA, 7GCBC, 7KCAB, 8KCAB, and 8GCBC models manufactured before July 1, 2011 as indicated by the aircraft data plate. Aircraft manufactured after July 1, 2011 comply with this service letter.

Description: Inadvertent removal of the door release pin and ring from the emergency door release handle is possible especially when entering or exiting the front seat of the airplane. There are two known service difficulty reports where the emergency door release pin and ring have become dislodged and partially jammed a flight control. This service letter provides a means to tether the pin and ring to the emergency door release handle.

Procedure:

1. Remove and discard current door release pin and ring.
2. Remove cotter pin securing MS20392-1C17 clevis pin. Clevis pin may be reused or replaced as necessary.
3. Install tab of 2-2352 lanyard assembly on MS20392-1C17 clevis pin. Secure with AN380-2-2 cotter pin as shown in figure 1.
4. Install door release pin through fuselage bushing and handle assembly as shown in figure 2.

Inspect for proper installation of lanyard, clevis pin, and pull ring at every 100-hour or annual inspection.

Table I: Parts Required (Order from American Champion as necessary)

| Part Number | Description | Quantity |
|--------------|-------------|-----------|
| 2-2352 | Lanyard | 1 |
| AN380-2-2 | Cotter Pin | 1 |
| MS20392-1C17 | Clevis Pin | 1 (Reuse) |



Figure 1, Installation Lanyard Tab



Figure 2, Installation Door Release Pin and Ring