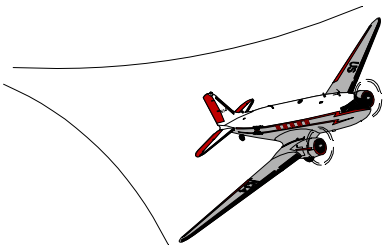
# REVISED SPECIAL AIRWORTHINESS INFORMATION BULLETIN



Aircraft Certification Service
Washington, DC

U.S. Department of Transportation

**Federal Aviation Administration**

No. CE-90-03R2
*August 26, 2002*

***We post SAIBs on the internet at "av-info.faa.gov"***

*This is information only. Recommendations are not mandatory.*

**Introduction**

This Revised Special Airworthiness Information Bulletin (SAIB) removes the "Number 6 Structural Screw" wording *from SAIB CE-90-03R1 dated July 27, 2000*. Number 6 structural screws do not exist. All other information in SAIB CE-90-03R1 remains the same.

**Background**

This SAIB advises all owners and operators of certain Cessna airplanes listed below of the necessity to install all required fasteners when seat rails are being replaced.

| Make | Model |
|---|---|
| **Cessna** | **150, 152, 170, 172, 172RG, 175, 177, 177RG, 180, 182, R185, T182, 185, 188, 190, 195, 206, P206, 210, P210, 210-5, T303, 336, and 337** |

*Specific serial number applicability is listed in Airworthiness Directive (AD) 87-20-03R2.*

There are various seat rails, identified by part number, that are required to be installed in airplanes affected by AD 87-20-03R2. Many of these rails are manufactured with pilot holes only and do not contain all holes required for installation of the seat rail in the airplane. It is, therefore, necessary for the installer to assure that there are sufficient holes to accommodate all required fasteners.

**Recommendations**

a. When replacing a seat rail, note the number and location of all fastener holes on the seat rail being removed.

b. Match these holes against the holes in the replacement seat rail. If the replacement seat rail does not have the same holes at the same locations, they should be drilled.

c. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi. Example of such screws are AN515, AN520, AN525, MS35206, MS35207, MS35214, MS35215, MS35218, MS35219, MS51957, or MS51958 with lock nuts provided the holes are ream fit and spotfaced.

**For Further Information Contact**

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