

Service Bulletin

Subject:

Crew Seat Inspection.

Applicability:

GA8 serial numbers GA8-00-004 through GA8-03-024, GA8-03-026 through GA8-03-030, GA8-03-032, GA8-03-034, GA8-03-035 and GA8-03-037.

Amendments:

Nil - Initial Issue.

Background:

During manufacture, the steel spine, between the front and rear seat feet, may have been notched. Gippsland Aeronautics has determined the maximum allowable notch size and all crew seats must be inspected to ensure that any notches are below the maximum size.

Compliance:

Within the next 10 hours time in service.

Weight and Balance:

Not affected.

Approval:

This Service Bulletin has been approved pursuant to Regulation 35 of CAR1988.

Instructions:

The seat spine must be inspected as follows:

1. Remove the crew seat travel stops and then the crew seats from the aircraft.
2. Unscrew the forward seat feet (P/N GA8-251021-075) and slide the seat base (P/N GA8-251011-025) forward as far as possible. The base should move forward about 4 inches and the steel spines (P/N GA8-251021-071) will be visible, see figure 1. It is only necessary to inspect for notches in the aft visible portion of the spine.

3. Inspect the spines for drill spots. Any circular spots less than 0.135" diameter may be left as is, however, drill spots deep enough to have parallel edges are not allowed. Any marks impacting the edge of the spine, producing an effective chamfer up to a maximum dimension of 0.050" by 0.050", must be carefully blended out. Extensions of the edge marks, caused by the drill sliding off the edge, which are less than 0.010" deep are allowed.

When blending out the marks care must be taken not to reduce the cross sectional area any further and the blending should extend 10 times the mark depth either side of the mark.

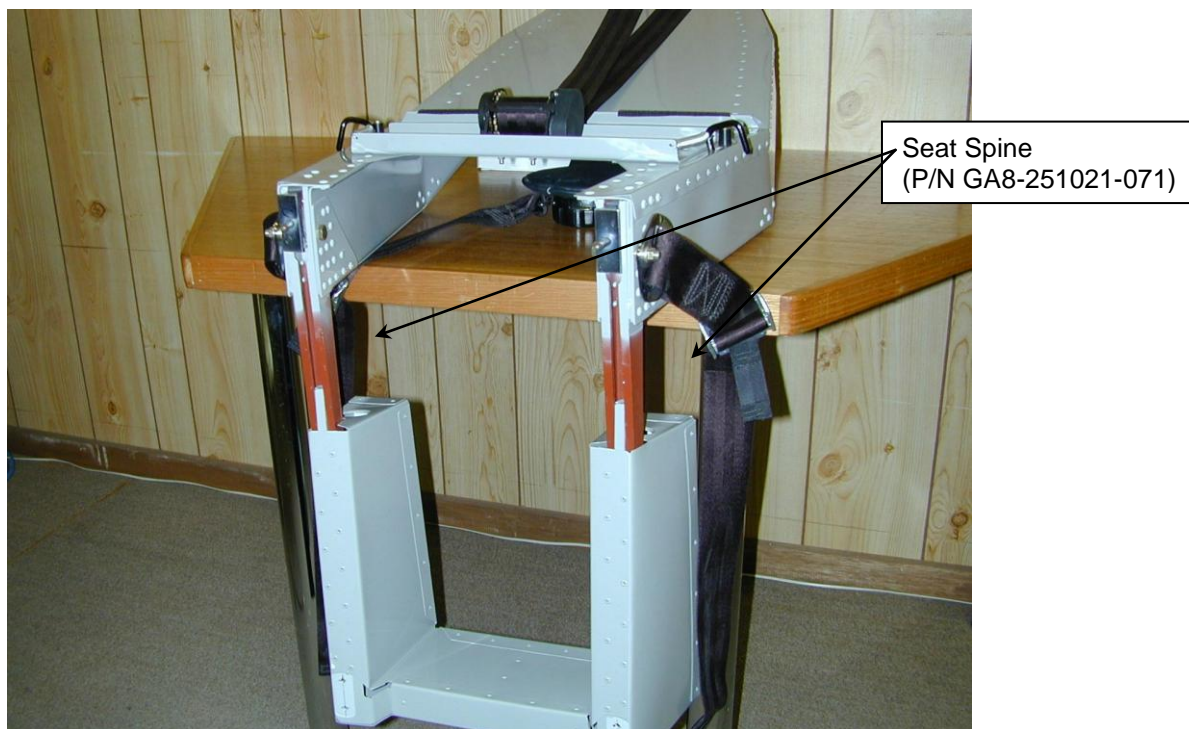


Figure 1. Seat positioned for inspection

4. If drill spots greater than 0.135" diameter, drill spots deep enough to have parallel edges or edge marks with a maximum dimension greater than 0.050" are found, contact Gippsland Aeronautics.
5. If the circular marks are less than 0.135" diameter or any edge marks have a maximum dimension less than 0.050", renew the corrosion protection, reassemble the seat in the reverse order of disassembly and return the seat to service. Ensure seat stops are reinstalled and perform a function check on the seat pins.
6. Enter compliance with this service bulletin in the aircraft log books.
7. In all cases where the inspector has any doubts or concerns over the inspection method or results Gippsland Aeronautics may be contacted to provide technical support.

Documentation:

Update aircraft log book to reflect incorporation of this Service Bulletin.

Compliance Notice:

Complete the Document Compliance Notice and return to Gippsland Aeronautics by mail, fax or email.

DOCUMENT COMPLIANCE NOTICE



Document: Service Bulletin SB-GA8-2003-09

Aircraft Serial Number: GA8-_____

I/we have incorporated Service Bulletin SB-GA8-2003-09 for the above aircraft.

- Yes, a defect was found.
- No defects were found.

Signed

Please post or fax this compliance notice to:

Gippsland Aeronautics
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