

SERVICE BULLETIN NO. 4

A report has been made to us of a fatigue failure on our Model "8" in the bulkhead to which the rear landing gear strut is bolted. The failure started as a crack in the bend of the top bulkhead flange, just over the landing gear attachment fitting. We therefore advise you to carefully inspect this place and if a crack is found get in touch with us immediately for instructions as to how to make the repair.

To lessen the danger of a fatigue failure occurring, a reinforcement fitting should be installed in your airplane as shown on the enclosed sketch. This fitting is to be installed on both sides of the airplane in accordance with the following instructions.

1. Remove from under side of seat the triangular shaped reinforcing sections which are approximately in line with landing gear fittings.
2. Cut off reinforcement fitting to proper length to fit under seat and line up with 5/16 hole in steel bracket with landing gear bolt, which passes through it. This may necessitate placing a shim between channel and seat bottom.
3. Rivet reinforcement to seat, being sure to include steel strap on top of seat as shown. If impossible to rivet, steel machine screws and elastic nuts or other approved locking device may be used as noted on sketch.

If your bulkhead is sound, make this installation at once to avoid the possibility of a more difficult repair job. If a crack has developed, do not make the installation until you receive further instructions.

Retyped March 2, 1960  
SILVAIRE AIRCRAFT CO.  
P.O. BOX 719  
FORT COLLINS, COLORADO

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LANDING GEAR REINFORCEMENT-REAR

