

SERVICE BULLETIN 95 SUPPLEMENT A MANDATORY

SUBJECT: GLASAIR III LANDING GEAR OLEO STRUT WELDED JOINTS

APPLICATION: Glasair III landing gear struts, serial numbers 051 through 101

DESCRIPTION: In Service Bulletin 95, we described a failure of the weld at the junction of the chrome oleo cylinder and the fork mounting flange on a Glasair III nose gear strut. We recently received notification of a second failure of the same weld on a different Glasair III, which resulted in damage to the engine and propeller. Both failures occurred in landing gear with serial numbers between 051 and 101 in which the weld was post-machined to provide clearance for the fork attach fasteners. Please refer to Service Bulletin 95 for a detailed description of the problem.

NOTE: The gear strut serial number is located on the very top of the strut.

SOLUTION:

*****WARNING: COMPLIANCE WITH THIS SERVICE BULLETIN IS MANDATORY*****


Service Bulletin 95 recommended, but did not require, replacing the oleo cylinders with the latest design. The most recent incident, however, indicates that the problem may not be an isolated event. We have decided, therefore, to make replacement of all three chrome oleo cylinders **MANDATORY** for Glasair IIIs with landing gear serial numbers 051 through 101. The replacement cost of these components can be considered inexpensive insurance compared to the replacement cost of a propeller, an engine tear-down, or the costs of other components that could be damaged as a result of a gear strut failure.

Stoddard-Hamilton will provide replacement parts for the direct cost of materials and labor only. As stated in the Glasair Purchase Agreement, Stoddard-Hamilton Aircraft, Inc. does not include any warranty against defects, and the cost of Glasair kits would be substantially higher if warranties were provided.

Since we normally stock only a few replacement oleo cylinders, we have already begun a special production run of these components. The replacement oleo cylinders will be of our latest design with the double weld (see Service Bulletin 95). We estimate that it will take 14 to 16 weeks to complete the production run.

The price for the oleo cylinder retrofit kit is \$480.00 plus shipping. The kit includes three chrome oleo cylinders, seal kits, and service instructions. Order the Glasair III Chrome Oleo Cylinder Retrofit Kit, part number 353-5120-501.

NOTE: The price quoted above for the oleo cylinder retrofit kit applies only if ordered by November 1, 1991. After this date, the price and delivery will be subject to change and will reflect retail replacement cost.

 STODDARD-HAMILTON AIRCRAFT, INCORPORATED					
MODEL	ASSEMBLY NAME	REVISION	DATE	VOLUME	PAGE
GLASAIR III	SERVICE BULLETIN 95-A		8/19/91		1 of 1

MODEL	ASSEMBLY NAME
GLASAIR III	SERVICE BULLETIN 95-A