

SERVICE BULLETIN 57

SUBJECT: SIDE BRACE BELLCRANK AND SIDE BRACE UPPER END BUSHING REPLACEMENT

APPLICATION: All Glasair I RGs, Glasair II RGs, and Glasair III RGs delivered prior to 7/13/88.

COMPLIANCE: MANDATORY

DESCRIPTION: Premature wear and excessive end play have been found in the 3/8" long Oilite bushings used in the upper ends of the side braces and in the 1" long Oilite bushings used in the side brace bellcranks. The bushings must be replaced with new stainless steel bushings, as described below.

REPLACEMENT PROCEDURE:

1. Jack up the aircraft.
2. Disconnect the main gear side braces from the oleo strut and from the side brace bellcrank, and remove the side braces. Disconnect the hydraulic actuator and extension spring, disassemble the uplock linkage (Glasair III), and remove the side brace brackets and side brace bellcrank from the wing.
3. Press the 1" long Oilite bushing out of the side brace bellcrank. Press the two 3/8" long Oilite bushings out of the upper end of the upper sidebrace arm. These are the bushings for the bolt (Glasair III) or pin (Glasair I and II) that fastens the upper end of the side brace to the side brace bellcrank.
4. Press the new stainless steel bushings into the side braces and the bellcrank.
5. Reassemble the side brace brackets, side brace bellcrank, and side braces into the wing. Grease the pins and bushings thoroughly at assembly.

PROCUREMENT OF PARTS:

The replacement price of the bushings is \$18.50 per aircraft kit if ordered before August 31, 1988. If ordered after August 31, the price is \$30.00 per kit. We should have the bushings in stock around the first of August. Contact our Shipping Department to order the Bushing Replacement Kit (Stock No. 351-5230-501).

**STODDARD-HAMILTON**  
AIRCRAFT, INCORPORATED

MODEL GLASAIR	ASSEMBLY NAME SERVICE BULLETIN 57	REVISION	DATE 07/20/88	VOLUME	PAGE 1 of 2
------------------	--------------------------------------	----------	------------------	--------	----------------

PARTS LIST:

2 ea.	521-5212-001	1" long bushing (for side brace bellcrank)
4 ea.	521-5212-002	3/8" long bushing (for side brace arm)



MODEL	ASSEMBLY NAME	REVISION	DATE	VOLUME	PAGE
GLASAIR	SERVICE BULLETIN 57	A	1/01/95		2 of 2