

SERVICE BULLETIN 58

SUBJECT: RUDDER PEDAL ASSEMBLY INTERFERENCE WITH NOSE GEAR SUPPORT RIBS

APPLICATION: All Glasair II FT rudder pedal assemblies shipped prior to 9/08/88

DESCRIPTION: On the Glasair FT rudder pedal assembly, the vertical tubes to which the rudder cables attach interfere with the vertical nose gear support ribs fabricated on the aft side of the firewall.

SOLUTION: The vertical cable actuator tubes on the rudder pedal assembly must be repositioned to provide a maximum distance of 4-1/8" between the outboard sides of the tubes, as shown in FIGURE (D-71) on page D-117 in the FUSELAGE ASSEMBLY section of the Instruction Manuals, Volume I. Repositioning the actuator tubes results in a 3-1/4" distance between the rudder cable attach points, as shown in FIGURE (D-71). Since the phenolic guide blocks in the instrument panel are 3-1/2" apart, the rudder cables are deflected about 1/4 degree, which is not enough to cause significant wear on the guide blocks.

NOTE: In Glasair FT Revision C, we mistakenly revised page G-118 of Volume II to specify a 3-1/4" distance between the rudder cable clearance slots in the instrument panel. Please mark the correct 3-1/2" dimension between the rudder cable clearance slots on page G-118 of the Final Assembly section, and mark the revision box in the title block with the letter "D". The next revision to the Glasair FT Instruction Manual will formally revise this page.

Stoddard-Hamilton Aircraft will reposition the rudder cable actuator tubes on your rudder pedal assembly if you return the assembly to us by September 30, 1988. Return only the following two components:

Stock No: 472-0545-203 Part No: 475-20545-03 Rudder Pedal Control, Left
Stock No: 472-0540-204 Part No: 475-20545-04 Rudder Pedal Control, Right

We will modify the two weldments, refinish them, and return them to you by October 31, 1988.


If you have not yet installed the forward fuselage reinforcement rib on the forward belly section, the existing rudder pedal weldments will work with the following change to the installation: Simply install the forward fuselage reinforcement rib a minimum of 1-1/2" aft of the location specified in FIGURE (D-14) on page D-28 of the Instruction Manuals, Volume I. Then, install the Rudder pedal assembly the same distance forward of the fuselage reinforcement rib, as specified in FIGURE (D-71) on page D-117, to provide plenty of clearance between the rudder cable actuator tubes and the nose gear support ribs. This will require fabricating longer rudder pedal bearing support ribs.



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Moving the fuselage reinforcement rib and rudder pedal assembly aft will reduce the available leg room, but, since the joggled rear spar on the Glasair II FT provides abundant leg room, this should be of concern only to very tall people.

If you have any questions please call our Builder Support Department.

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