

SERVICE BULLETIN 11

SUBJECT: S-TEC AUTOPILOT AILERON ACTUATING PUSH ROD

APPLICATION: Service Bulletin 11 applies to S-Tec Autopilot kits and S-Tec Autopilot Installation kits shipped prior to April 2, 1986.

DESCRIPTION: An error has been made in the length of the aileron actuating push rod shipped with your autopilot kit. The push rod supplied with your kit is 8-5/8" long which is approximately 1/2" too short. The push rod should be 9-1/8" long.

SOLUTION: If you have already cut and fabricated the roll servo access panel in the location specified in the Autopilot Installation Instructions, or if you have already installed the pitot tube 100" left of the wing centerline and 4" aft of the main spar cap, which is one of the locations specified in the Wing Assembly section of the Glasair Instruction Manuals, notify us and we will send you a new, 9-1/8" long aileron actuating push rod.

If you have not yet cut out and fabricated the roll servo access panel and have not yet installed your pitot tube (or have installed the pitot tube at a location that will not interfere with the access panel), move the access panel 1/2" inboard from the location shown in FIGURE (2) on Page 2 of the Autopilot Installation instructions. In other words, change the dimension for the distance between the inboard edge of the access panel and the aileron bellcrank pivot from 9-3/4" (shown in FIGURE [2] of the Autopilot Installation instructions) to 9-1/4".

NOTE: Installing the access panel at the 9-1/4" dimension eliminates the option of mounting the pitot tube at the location specified in the Wing Assembly section of the Instruction Manuals (100" left of wing centerline; 4" aft of the main spar cap). We recommend installing the pitot tube on the round aileron bellcrank inspection cover.


STODDARD-HAMILTON
AIRCRAFT INCORPORATED

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