

SERVICE BULLETIN 63

SUBJECT: MISLABELED TERMINALS ON GEAR RETRACT PRINTED CIRCUIT BOARD

APPLICATION: Glasair III 12 Volt circuit boards shipped after 7/15/87.
Glasair III 24 Volt circuit boards shipped after 12/15/88.

MANUAL REFERENCE: Glasair III INSTRUCTION MANUAL Vol. II, FIGURE (G-174),
page G-306.

DESCRIPTION: PC boards with incorrectly labeled terminal posts may have been shipped. If the assigned wires are connected to the mislabeled terminals as described in the Instruction Manual, the gear will not operate. The terminals affected are the ones that should be labeled "NOT USED", "N.C. PRESSURE SWITCH", and "COM. PRESSURE SWITCH" on the left side of the board and one of the "SPARE" terminals at the bottom of the board. Refer to FIGURE (G-174) on page G-306 in the Final Assembly section of the Glasair III Instruction Manual for proper terminal identification.

SOLUTION: Compare your circuit board to the schematic in FIGURE (G-174) on page G-306. If your circuit board is incorrectly labeled, relabel it to conform with the schematic. Type the proper labels on self-adhesive label material (available in an office supply store) and affix them to the board in the correct positions. Alternatively, simply mark the proper legend over the existing label using a black indelible marker.

Two additional (but non-essential) changes can be made: First, the Glasair III gear indicator circuit breaker is rated at five (5) Amps. To make the PC board label match the installed breaker, we recommend using a pen knife blade to gently scrape off the numeral "7" and the decimal point from the "CIRCUIT BREAKER 7.5 AMP" label, leaving the "5 AMP" label intact. Finally, we recommend labeling the PC board with the legend "Glasair III, 12 Volt" (or "Glasair III, 24 Volt", if applicable) for proper identification.

NOTE: To identify the voltage of your PC board, look at the sides of the two relays mounted in the center of the board. (The relays are the largest components on the board.) The relays on 12 Volt boards are marked DC12V; the relays on 24 Volt boards are marked DC24V.

If you have further questions, please contact Stoddard-Hamilton Aircraft's Builder Support department.



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