

GLASAIR II-S TD ADVANCE NOTICE OF REVISION

SECTION B, Horizontal Stabilizer-Elevator Assemblies:

Because of the larger stabilizer and elevators for Glasair II-S kits with serial numbers 2200 and above, there will be several changes to this section. The most obvious changes will be the placement of the ribs and hinges. We are also revising the elevator counterweight system for the new empennage; the size of the tip counterweights will be reduced, and a central internal counterweight will be added to the elevator actuator arm. The new system will use less total weight to counterweight the elevators.

Page C-63, FIGURE (C-44); Page C-64, last paragraph:
Change "AB3-2A rivet" to "700-0003-002 rivet".

Page C-105C, add this NOTE at the end of the text:

NOTE: Space for attaching the fuel line to the fuel pickup assembly on the aft side of the main spar shearweb is very limited. To provide the maximum clearance between the fuel line and the control stick interconnect linkage, install the fuel pickup assembly as low as possible in the main spar shearweb. Also, it will be easier to fabricate the fuel line later if you raise the forward end of the pickup assembly slightly so that the aft end of the assembly angles downward. Angling the pickup assembly will require forming a tapered mill-fiber pad between the main spar shearweb and the mounting plate on the pickup assembly. Also, longer pop rivets will be needed to secure the mounting plate.

Page D-14, first paragraph; Page D-16, last paragraph:

Since the fuselage forward of the windshield has been stretched 6" on Glasair II-S kits with serial numbers 2200 and above, segment AB of the upper fuselage seam requires six 3-1/2" x 26" pieces of bidirectional cloth.

Page D-19, first paragraph in Step B-10, third paragraph in Step B-11:

For Glasair II-S kits with serial numbers 2200 and above, each of the two JH segments of the belly section seams requires six 3-1/2" x 24" pieces of bidirectional cloth.

Page D-35, FIGURE (D-16); Page D-36, Step C-2:

For Glasair II-S kits with serial numbers 2200 and above, position the aft fuselage reinforcement rib 20" aft of the cowling attach flange joggle. The forward fuselage reinforcement rib remains 6-1/8" forward of the aft rib.

Page D-70, FIGURE (D-37); Page D-71, FIGURE (D-38); Page D-73, FIGURE (D-39); Page D-76, FIGURE (D-41); Page D-77, FIGURE (D-42); Page D-78, first paragraph:

Since the firewall moves forward relative to the forward landing gear support rib for Glasair II-S kits with serial numbers 2200 and above, the lower center engine mount supports for these kits no longer contact the forward landing gear support rib.

Pages D-147 and following, Rudder Pedal Fabrication and Installation:

For Glasair II-S kits with serial numbers 2200 and above, the firewall is positioned 6" farther forward than shown in the existing instructions. Consequently, the size and shape of the rudder pedal bearing support ribs will change. The details of these changes have not been finalized at this time.

Page E-10, FIGURE (E-8):

The 35" long rudder hinge is positioned with its upper end 1" below the top of the vertical fin. FIGURE (E-8) will be revised to accurately illustrate the hinge location.

Page E-11, FIGURE (E-9):

Delete the title, "SECTION A-A", from this illustration.


STODDARD-HAMILTON
AIRCRAFT, INCORPORATED

MODEL	ASSEMBLY NAME	REVISION	DATE	VOLUME	PAGE
GLASAIR II-S	TD ADVANCE REVISION NOTICE		10/01/92		1 of 2

Page E-23, first sentence:

The rudder actuator rib template is shown in FIGURE (E-19), not FIGURE (E-16).

Page E-41, FIGURE (E-31); Page E-42, Step F-11:

The seam tape is no longer supplied in Glasair kits. For the bottom seam on later Glasair kits, use four 2" x 24" pieces of bidirectional cloth cut on the 45° bias. For the top seam, use four 2" x 27" pieces of bidirectional cloth cut on the 45° bias. When applying the seam laminates, be careful not to stretch them; maintain the full 2" width.

Page F-13,, FIGURE (F-12):

A 1/4" dimension for the length of both of the end knuckles of the hinges will be added to this illustration. In other words, the knuckles at both ends of the hinge assembly are cut in half. By cutting the hinges in this manner, one half of the hinge can be inverted, as shown in FIGURE (F-13), without affecting the symmetry of the hinge assembly.

Page F-32, insert this note just before Step F-4:

NOTE: When cutting the slots for the counterweight arms, it is normal and acceptable to cut through the ends of the outboard aileron hinge reinforcement wedges.

Page G-23, Step B-7:

For Glasair II-S kits with serial numbers 2200 and above, extensions will be installed between the rudder pedals and the springs.

Page G-43, FIGURE (G-20) and Step D-7:

For Glasair II-S kit serial numbers 2178 through 2184, position the leading edge of the wing 17.5" aft of the cowling attach flange joggle. For Glasair II-S kit serial numbers 2200 and above, position the leading edge of the wing 23.5" aft of the cowling attach flange joggle.

Page G-75, FIGURE (G-40):

The elevator control stop bolts are AN3-65A bolts, not AN3-75A bolts.

Pages G-89 and following, Seat Back Fabrication and Installation:

Since the wing is moved aft 1.5" on Glasair II-S kits with serial numbers 2178 and above, but the seat back remains in the same position, the lower edge of the seat back will be angled aft to meet the relocated aft edge of the seat pan for these kits.

Page G-123, FIGURE (G-67):

For Glasair II-S kits with serial numbers 2200 and above, the distance from the firewall to the instrument panel will be 30-3/4".

Page G-188, FIGURE (G-107); Page G-189, FIGURE (G-108):

Add this title to both illustrations: "STANDARD 150/160 HP BACK PLATE SHOWN."

Page G-281, FIGURE (G-162):

Use AN526-8R7 screws to mount the ground bus.

Page G-282, FIGURE (G-163):

The correct alloy designation for the angle used in the firewall ground bus is 2024-T3 (not 2024-73).

Page G-323, FIGURE (G-183):

For Glasair II-S kits with serial numbers 2178 and above, the position of the fuel tank vent manifold relative to the fuselage belly panel will change, since the wing has been moved aft 1.5".



MODEL	ASSEMBLY NAME	REVISION	DATE	VOLUME	PAGE
GLASAIR II-S	TD ADVANCE REVISION NOTICE		10/01/92		2 of 2