

**SERVICE BULLETIN 116    MANDATORY**

**SUBJECT:** Wing Tip Extensions, Large Rudder Requirement

**APPLICATION:** All Glasair I aircraft fitted with wing tip extensions.

**DISCUSSION:** The wing tip extensions destabilize the Glasair slightly in both pitch and yaw. To increase the yaw stability, we require that all Glasair I aircraft with wing tip extensions must also have the optional large rudder installed.

**WARNING:** Installing the large rudder is **MANDATORY** for all Glasair I aircraft equipped with wing tip extensions.

**NOTE:** The large rudder is standard in all Glasair kits shipped after September, 1985.

For Glasair I RG models, also make sure that the mandatory rudder pedal assembly braces have been installed and the mandatory modifications to the nose gear wheel well box have been completed. These modifications, described in Revision A to the RG Instruction Manuals and Revision C to the RG Appendix (retrofit instructions), help reduce flexing in the rudder control system so that the entire force from the rudder pedal is transmitted to the rudder. For Glasair I TD and FT models, the mandatory rudder pedal reinforcement straps described in Addendum 14 will help somewhat to reduce flexing in the rudder control system, while ensuring rudder control system integrity.

Contact Stoddard-Hamilton's order desk for large rudder ordering information.



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