

Procedures for assembling a glider - no ship logbook entry is required

Assembling a glider is not consider a maintenance function.

Page 6-2 from the Glider Flying Handbook. FAA-H-8083-13A , 2013

Assembly and Storage Techniques

The assembly of a glider to include the installation of glider wings and tail surfaces **is classified as operations functions not preventative maintenance**. This information can be found in Amendment 43-27, published in 52 FR 17276, May 6, 1987 which is an amendment to 14 CFR part 43. Prior to assembling the glider, the pilot must check the required documentation that must be on board the glider for flight as required by Title 14 of the Code of Federal regulations (14 CFR) parts 21 and 91. Required documentation includes: • Airworthiness certificate • Registration • Required placards • GFM/POH

Critical Assembly Checklist

Critical Assembly Checklist is mandatory. Page 6-3 from the Glider Flying Handbook. FAA-H-8083-13A , 2013

Once the glider has been completely assembled, the pilot then inspects all critical areas to ensure all flight controls are attached. The pilot should refer to a written checklist either provided by the manufacturer or a commercial source that prints glider checklists.

This final check is very critical and usually takes time to complete. Pilots should not be interrupted when they are attempting to check the glider. The Soaring Society of America (SSA) and one of its affiliates, the Soaring Safety Foundation (SSF), have developed a checklist for preparing a glider, which is Safety Advisory 00-1, Glider Critical Assembly Procedures, and can be found in Appendix A of this handbook.

Many manufacturers provide a critical assembly checklist (CAC) to be completed after assembly, which is the preferred method of ensuring a proper assembly has been completed. **When provided by the manufacturer, it is mandatory.** A positive control check (PCC) is not a CAC, but an additional means of verification. If a CAC is provided, it must be used as is any other checklist a manufacturer provides. A PCC is not regulatory, but it is a good idea whether or not you just completed the required CAC.

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