

G-CFRV Rigging Procedure

This is a 1-page summary. For details refer to the full guide on CUGC wiki.

Note: whenever items are removed make sure they are not a tripping hazard!

1. Adjust the front of the trailer until the rear is 25cm off the ground. Lower the rear stabiliser to take the tension.
2. Open the trailer with both handles, remove trestles and loose items.
3. Cover trailer corners with carpet.
4. Untie the ramp assembly and tie the strap around the end of the fuselage
5. Pull out ramp, raise jack fully. Attach the auxiliary rail to the central rail.
6. Roll the fuselage out of the trailer.
7. Remove the strap through the fuselage, the tennis balls, and the tail strap.
8. Unlock airbrakes in the cockpit.
9. Locate rigging tool bag, containing 2 main pins, tail pin and tail pin tool.
10. Pull out and insert the right wing. Stop when necessary to insert the pins and control rods into their corresponding holes. Trestle the wing.
11. Repeat for the left wing.
12. Insert the wing pins, rotate and latch into place.
13. Remove trestles, auxiliary rail.
14. Lower the undercarriage.
15. Lower the ramp fully using jack handle. Ensure nose is clear of the ramp.
16. Push the glider back clear of the dolly.
17. Collect tailplane bolt and red tightening tool.
18. Remove tailplane from trailer.
19. Lower tailplane vertical spar into the square hole in the tail, raising the elevator to fit its corresponding hole.
20. Slide backwards to lock controls into place.
21. Pull the metal locking loop back, place the tailplane bolt into the hole.
22. Tighten the bolt until tight by hand, then loosen until the wire loop slots in the next pin slot. Check tailplane is secure.
23. Remove the cover on the fuselage and connect all 4 controls.
24. **Look for an authorised person to check your controls and sign for them in the DI book.**
25. Close and lock the cover. Return tools to tool bag.
26. Fit battery, fit and tape Total Energy tube
27. Tape wings, tailplane and tailplane pin hole.
28. Fit tow-out gear
29. Return all remaining gear into trailer, remove carpet pieces. Close top and bottom of trailer.

