

NOTE: Before attaching the Wing to the Fuselage **Read the following completely!**

When attaching the Wing to the Fuselage it is important to have a fairly snug fit on all bolt holes to eliminate enlarging of holes during normal flight loads. Although not absolutely necessary, it is highly recommended to drill undersize holes and then ream to final size.

To attach the Wing to the Fuselage, the front attach point of the two will need to be reamed out to a 3/4" final size. An AN10-34A bolt, one AN960-1016 washer and one MS21044N10 nut will be used.

To attach the rear Wing and Fuselage attach points, they will need to be reamed out to a 3/8" final size. An AN6-11A bolt, AN960 washer and AN365 fiber nut will be used.

The lower Strut to Fuselage will be reamed out to 1/2" final size. An AN10-23A bolt and one MS21044-N10 nut will be used.

The upper Strut attach point to Wing will be reamed out to 1/2" final size. An AN10-23A bolt and one MS21044-N10 nut will be used.

NOTE: On initial setup of the aircraft using castle nuts will save the fiber in the fiber nuts until really needed. It is also easier to remove the bolts when limited man power is around.

- 3) Repeat the procedures for the right side Wing. Make sure the Fuselage is level.
- 4) Ream the holes in the Fuselage Lift Strut Attach Brackets to 1/2".
- 5) Bolt a W0551A and a W0551B Strut Fitting in place on the lower Lift Strut Attach Bracket on the Fuselage.

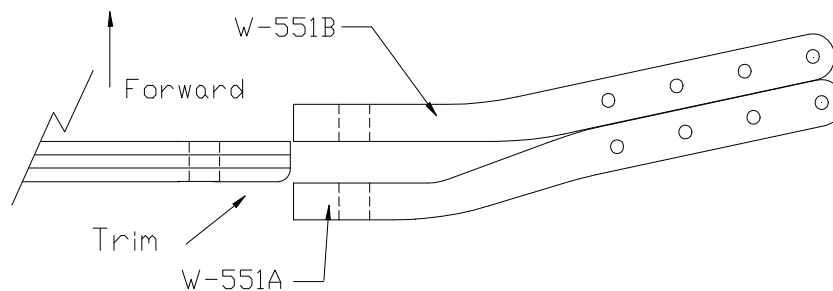


Fig. 14.1.3

- 6) Bolt a W0551A and a W0551B Strut Fitting (one on each side) to the Wing Strut Attach Brackets (W0505, W0506, and W0507). Figure 14.1.3.
- 7) Cut a piece of 1/2" or 3/4" plywood out using the dimensions on Figure 14.1.4. Make sure you draw a line down the plywood at the location shown.