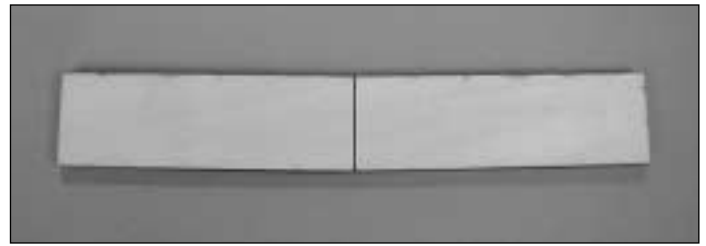


We are constantly improving our products to enhance the quality of our kits and to increase our customers overall satisfaction. For this reason some changes have been made to the Great Planes® Big Stick 40 & 60 ARFs. This product improvement sheet will explain those changes. Please read thoroughly before starting construction.

- Steps 1 through 3 on page 5 of the manual show how to cut slots for hinging the ailerons to the wing. The improved wings now have the hinge slots already cut to make the building process easier and shorter. Steps 1 through 3 can be skipped and the actual construction of the airplane can be started at step 4, page 5.
- Step 7 on page 6 describes how to make a hole on the bottom of the wing by the root wing rib to allow the aileron's servo lead to exit the wing. The 1/2" hole is now pre-cut and only the Monokote that covers it needs to be cut away. Continue with step 8.
- Steps 8, 9 and 10 on page 6 show how to install a string into the wing to pull the aileron's servo lead. This string is now pre-installed and these steps can be skipped. Continue with step 11.
- The following procedure is meant to substitute for step 12 on page 6 of the manual.



Locate the two plywood wing joiners and glue them together with 6-minute epoxy. Clamp them together and wipe off all excess epoxy.



Draw a centerline on the two-piece joiner. Notice that the wing joiner has a "V" shape. When installing the wing joiner, the bottom of the "V" should be pointing towards the bottom of the wing.



The following are critical steps in the construction of your model. You want to make sure you take as much time as necessary to glue the two wings together correctly. Epoxy should be used generously in each of the following steps. Use 30-minute epoxy to allow enough time to fit the parts and to wipe off the excess glue. Trial fit the wing joiner into both wing halves. Slightly sand the wing joiner as necessary to obtain a snug fit. Once you are satisfied with the fit, mix 3/8 oz of 30-minute epoxy and apply it to half of the joiner and to the wing joiner pocket of one of the wings. Insert the joiner into the pocket, wiping away any epoxy that squeezes out. After the 30-minute epoxy has cured, mix 5/8 oz of 30-minute epoxy and apply to the remaining wing joiner, wing pocket and to the entire face of the root rib. Insert the wing joiner into the wing pocket and push both wings together. Wipe off the excess epoxy. Use masking tape to hold the two wing halves together while the glue is curing. Continue with step 1 on page 7.

- Steps 7 and 8 on page 8 show how to make the wing bolt holes on the wing and the wing bolt support plate on the fuselage. 13/64" holes are now pre-drilled into the wing. Once the wing is aligned on the fuselage (step 6), 13/64" holes can be drilled in the wing bolt support plate using the wing's pre-drilled holes as guides. Step 9 then explains how to tap those holes for the 1/4-20 nylon bolts supplied. Step 10 explains that the pre-drilled holes on the wing should be enlarged to 1/4" diameter.