

Appendix A After Leaving the Lancair Build Shop

Now that you have completed several weeks in the build shop at Lancair, we recommend the following sequence to complete your ES.

Post Build Shop Flow Chart

- _____ 1) Attach the main gear to the fuselage. Provide a support under the tail.
- _____ 2) Install both wings.
- _____ 3) Add the 9-BID reinforcement for the rear seat belt attachment. This must be done before the layups for the fairings on the fuselage in the next step.
- _____ 4) Build and complete the wing fairings. Do the bottom fairings first and then the top fairings.
- _____ 5) Connect the ailerons and flaps.
- _____ 6) Trim and balance the ailerons with the lead weights.
- _____ 7) Finish the flight control connections.
- _____ 8) Install the wing tips. (Optional at this time. This can be completed later.)
- _____ 9) Install the gear fairings and the wheel pants.
- _____ 10) Flip the fuselage and finish the bottom wing fairings.
- _____ 11) Finish all bodywork and paint primer on the bottom of the fuselage.
- _____ 12) Upright the fuselage and start working on the interior items in next step.
 Finish as much of the inside as possible.
 - Connect the fuel lines, brakes, rudder pedals.
 - Install the rear seat back, seat box closeouts, flap motor, flap actuator.
 - Connect the rudder cables, rudder bellcrank.
 - Finish the floorboards and other interior panels.
 - Install instrument panel.
- _____ 14) Bodywork the vertical stabilizer and rudder.
- _____ 15) Install the vertical stabilizer and rudder.

Post Build Shop Flow Chart (Continued)

- _____ 16) Bodywork the wings.
- _____ 17) Bodywork the top of the fuselage.
- _____ 18) Complete the firewall forward and front cowling.
- _____ 19) Bodywork, bodywork and more bodywork!

