



## Assembly Instructions

- 1) Take cabane struts and check that the legs which are to be inserted into the fuselage are parallel. If they are not, tweak them with a pair of pliers until they are and then insert them into the appropriate holes.
- 2) Bolt the lower wing to the fuselage and then insert the cabane struts under their straps. If the wings are not parallel tweak the legs which go under the straps with a pair of pliers until the wings are parallel.
- 3) Trial fit the outboard inter-plane struts.
- 4) Trial fit your engine in the plywood mount, if it doesn't fit; remove some material from the mount until it does using coarse sandpaper or a file.
- 6) Epoxy the provided cowl mount blocks in place as shown below.
- 7) Trim lower edge of fuselage to clear the muffler. You will need a muffler extension if not using a Tatone .29-.45 Universal Muffler.
- 8) Paint engine compartment with a fuel proof paint.

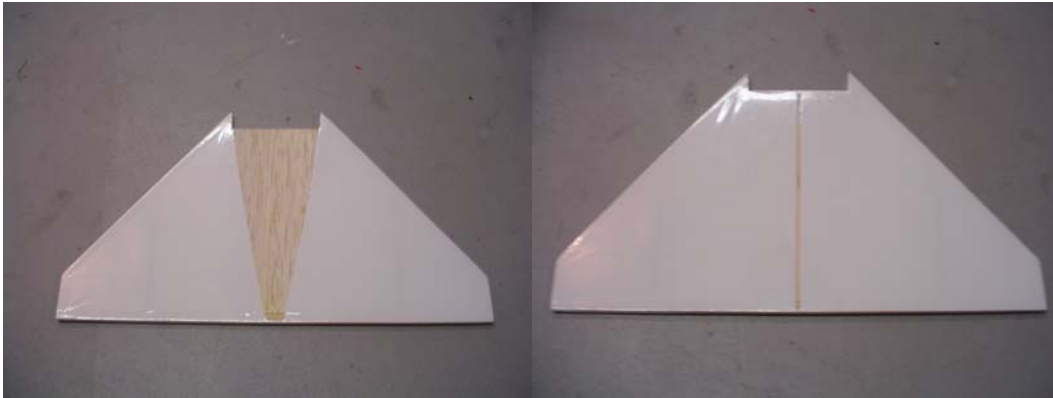


- 9) Trim vacuum formed cowl piece so that it fits flush with fuselage.
- 10) Measure distance from cowl to fuselage and then mount engine so that prop drive extends at least 1/8" past cowl. Take care that your muffler pressure tap will not interfere with the landing gear legs.

- 11) Mark engine mount hole locations and drill through and install 4-40 blind nuts.
- 12) Drill a ¼" hole through the fire wall for your fuel lines and throttle linkage.
- 13) Install a 6 oz. fuel tank and insure that it is plumbed correctly as it can not be removed once the servo tray is installed. We recommend using a Dubro remote refueler.
- 14) Install your battery pack at this time. We epoxied ours above the engine as far forward as possible.
- 15) Install your switch and charge jack in the dashboard at this time.
- 16) DVII ONLY! Cut holes near the rear cabane strut mounts and put the ends of your Y harness through them.
- 14) Install your servos in the provided tray and glue the tray into plane as shown below.



- 15) Prepare the horizontal and vertical stabilizers for installation as follows. Remove the covering from the bottom of the fin and from the horizontal stab where the fin will sit and where it will contact the fuselage. Install the rudder and elevator horns as shown below.



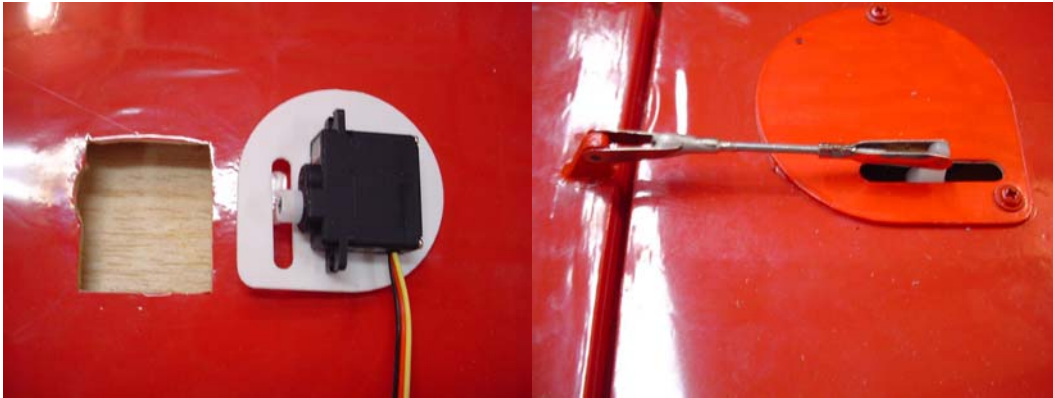
16) Install the elevator using the provided CA hinges. Install the rudder to the fin using the provided CA hinges. Then epoxy the fin to the stabilizer.

17) Epoxy the horizontal stab to the fuselage while sliding the fin onto an additional hinge in the fuselage.

18) Install Nyrod control linkages as (make sure to support the casing at the front end) as shown below.



19) Lay out your servo on the aileron servo hatch cover and cut a hole for the servo arm. Epoxy the micro servo to the aileron hatch cover so that the arm extends through as shown below. If required, enlarge the hole to fit your servo.



20) Install horn onto aileron as shown and install ailerons onto wing using supplied CA hinges.

21) Pull servo wires through wing using the strings. Install servo and attach linkage as shown above.

22) Reinstall wings and check balance. The planes should balance on the rear of the spar in the top wing. **ADD WEIGHT AS REQUIRED!**

23) Set control throws with  $\frac{1}{2}$ " up and down on elevator and with as much throw as you can get with out binding on the ailerons.

24) Have Fun!!!