

## **Pre-Paint>Wings>Fit wing tips**

### **Materials required:**

Epoxy resin and flock

### **Fit the wing tips**

If you intend to fit strobe lights to the wingtips, drill a hole in the wing root and use a long rod to route the strobe wiring along behind the leading edge and out of the wing root. The wiring will need to be routed out through the strobe mount before fitting the wingtips.

With the wing inverted pre-fit the wing tip to the end of the wing and make sure that the tip sits firmly over the wing and that the leading edge of the tip is level with the leading edge of the wing.



Make adjustments as required – some material may need to be removed from inside the very front of the wing tip. The wing tip should fit up hard against the joggle step.

Tape in place and turn the wing right side up. The rear of the wingtip has a step that sits into an aligning joggle at the top rear of the wing, circled in the photo above right.

Hold the wing tip in position and fix in place with 6G self-tapping screws, then remove the wing tip. Remove the peel cloth from the inside of the wingtip and sand all of the surfaces to be joined.

Mix a batch of resin and coat the surfaces then add flock to the remainder. Apply a 2mm layer of flock to the wing and fit the wing tip into place: hold the wing tip slightly open as you place it over the end of the wing and then let the wing tip close onto the wing so that the flock is not pushed ahead of the wing tip. Fix in place with the 6G self-tapping screws.

Wipe away any excess flock with a clean mixing stick and leave overnight to cure.

Next day remove the self-tapping screws – apply heat if required to loosen the screws.

### ***Fit the strobes (optional)***

Should you elect to fit strobe lights to the wingtips you will find a shaped fibreglass strobe mounting base in with the strobe packing. Decide exactly where you want the strobe to fit and in what position, and then shape the underside of the strobe mount so that it will fit in the desired location and fix it in position with flock and hold it with 2 self-tapping screws until the flock has cured.

You will then need to route the wires out through the strobe base *before* fitting the wingtip.

This completes the *Pre-Paint>Wings>Fit wing tips* task.