## 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.

Pre-fit the wing tip to the end of the wing and make sure that the wing tip sits firmly inside the wing and that the leading edge of the wing tip is level with the leading edge of the wing.

Make adjustments as required – some material may need to be removed from the joggle in order to clear the end of the spar (circled in the top photo below).

The wing tip should fit in hard against the joggle step.



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 wing tip and sand 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 tip and fit the wing tip into place: hold the wing tip slightly closed as you place it over the end of the wing and then let the wing tip expand into the wing so that the flock is not pushed out 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.

Leave to cure overnight and then remove the screws. The screw holes will be filled later as part of the *Pre-Paint preparation* task.

## 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.