

Post-Paint>Wings>Fit fairings

Objectives of this task:

To fit the final trim: specifically the wing root fairings, the upper strut fairings, the lower strut/main gear recess fairings and the wheel spats.

Wing root fairing

The wing root fairing comes in 3 parts: 2 upper and 1 lower. Fit the lower fairing first – tape the fairing into place with the fairing just touching the fuselage and then screw the fairing to the wing with 5 x evenly-spaced 6G stainless steel self-tapping screws.

Fit the top front fairing with the front return overlapping the lower fairing and screw in place in the same manner.

Fit the rear top fairing as shown.

Repeat the process for the other wing.

Refer to the photos at right for details of placement and screw spacing.

Wing tank earth

Fit a length of lock wire to the quick-drain fitting under the wing and long enough to reach a rear fairing screw and twist it.

Crimp a red ring connector to the lock wire.

Trim the white earth wire that you fitted in the *Post-Paint>Wings>Connect wing tanks* task so that it reaches the same fairing screw and crimp a red ring connector to it.

Fit both ring connectors under the same fairing screw and tighten the screw firmly.

Repeat the process for the other wing.

Upper strut fairing

Fit the front section of the fairing into place with 6G stainless steel self-tapping screws as shown in the photo at right.

Repeat the process for the other wing.



Lower strut/main gear fairing



Right hand side strut/main gear fairing from below (top photo) and side on (above)

Start by tucking the brake lines up into the main gear recess and zip tying them to the top rear of the main gear legs. Connect the pitot line from the right hand strut to the instrument panel line with a blue water trap connector and tuck the pitot line up into the main gear recess.

Fit the right hand section first: tuck the blue water trap connector into the fairing and then fit the fairing into place and hold it there temporarily with some cloth tape while you fit the 5/32" machine screws and washers, then fit the left hand section in the same manner.

This completes the *Post-Paint>Wings>Fit fairings* task.

CONGRATULATIONS, you have completed construction!!

Now, on to *Testing*.