

## ***Post-Paint>Fuselage>Interior>Fit upholstery 1***

### **Objectives of this task:**

To fit all of the stage 1 upholstery into the aircraft.

This task assumes that you will be using the Jabiru upholstery kit. If you *are* using the Jabiru kit it contains extremely detailed instructions, however you may want to use your own materials in which case this task can be used for more general guidance.

### **Materials required:**

Jabiru upholstery kit or equivalent

High heat contact adhesive

Adhesive thinners and/or Acetone (for cleanup)

### **Dry fit**

Start by cleaning your workshop floor and then lay out the contents of your upholstery kit and work out what panel goes where. In general the unedged panels are fitted before the edged panels, so the unedged panels will be for the larger areas: sidewalls and roof coverings and the like, while the edged panels will be the finishing panels where the edges will be seen.

Take your time and test fit each panel – it is *much* easier to do this now without adhesive!

Consider labelling the location of each panel with a sticky paper tag on the good side.

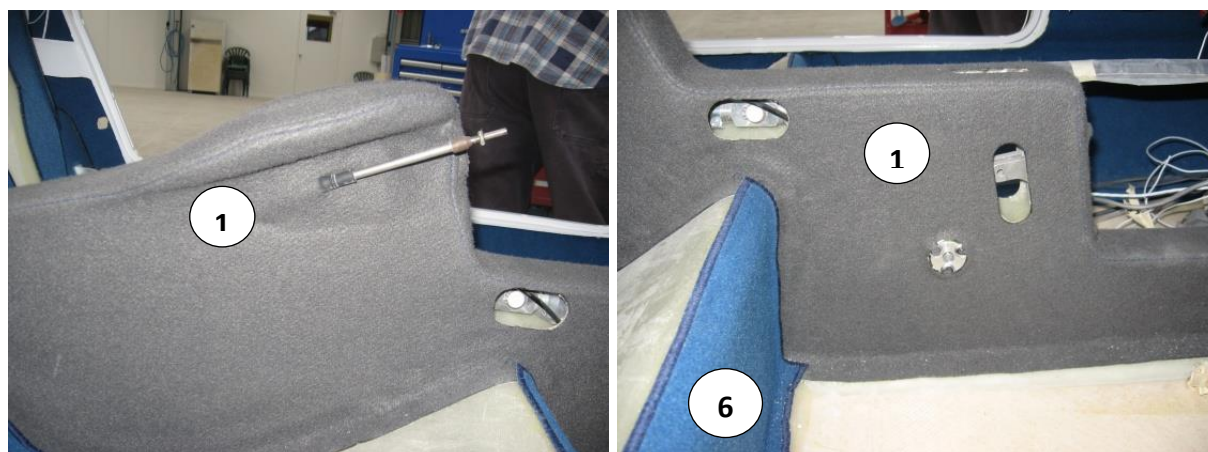
### **Adhesive**

Each panel will be glued in place with contact adhesive – the back of the panel and the surface to which it will be attached are both coated and the adhesive is allowed to dry, then when both surfaces are pushed together they are there to stay. Needless to say you want to be **really** sure of your positioning **before** pushing the surfaces together.

In our factory we spray the adhesive onto the back of the fabric and use a brush to apply it to the fibreglass but you can brush both surfaces. Do not apply too much adhesive – if you do it can bleed through the fabric. Just a thin coat is quite enough.

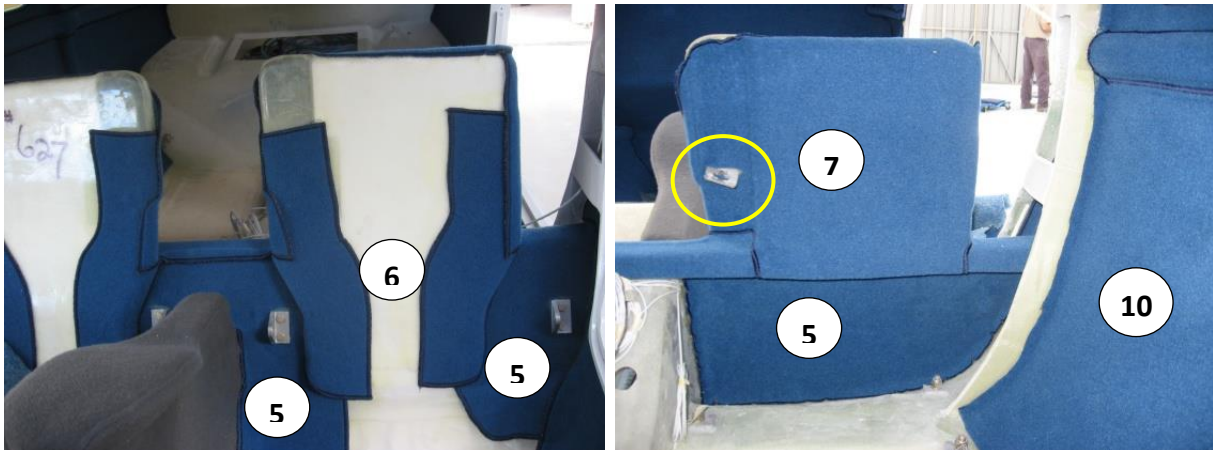
### **Sequence**

1. Console – fit the tailored console cover, taking care to align the seams correctly. Fit along the top first, then carefully roll the cover down the console and fit along the sides, working on one side at a time, until the cover is fitted.

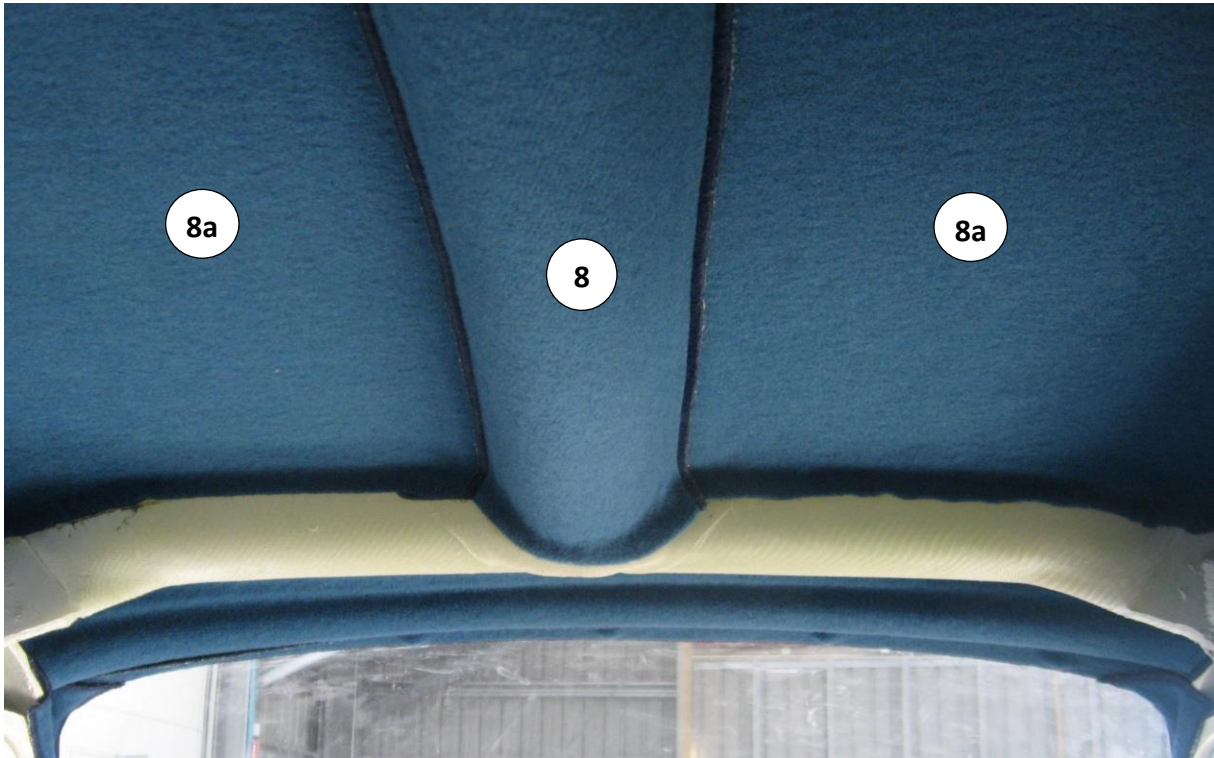




2. Firewall – glue the 10mm foam layer to the firewall and then glue the fabric to the foam. Cut around the ribs as required. Lower firewall – fit the fabric down and back along the floor slightly and also over the rudder pedal mounts.
3. Windscreen pillars and firewall surrounds. These areas are covered by several small pieces that each cover a rib or brace. **Note:** the fuel tank wiring should be fitted inside the front pillars before covering them. Refer to the *Install electrical wiring* task.
4. Front sidewalls – cut out the vent openings after the panel has been fixed in place.



5. Crossbeam (front and back) and middle sidewalls behind the front doors.
6. Seat sides and base up to the bottom of the door sills.
7. Seat backs – cut around the aileron cable brackets (circled in yellow) before fixing the panel in place.



8. Front hood lining/roof: main panels (a) then the longitudinal rib (b)
9. Rear hood lining/roof as for the front (not applicable to J160/J170)
10. Rear sidewalls (not applicable to J160/J170)
11. Door panels
12. Door pockets – attached with snap fasteners and Velcro
13. Instrument panel housing
14. Cable covers and all other small trim items.

Clean up any excess glue with adhesive thinners or Acetone. Do not get any adhesive thinners or Acetone on vinyl or leather.

This completes the *Post-Paint>Fuselage>Interior>Fit upholstery 1* task.