

Modification to increase seat width

Classification

This Modification has been classified as Highly Desirable

Compliance

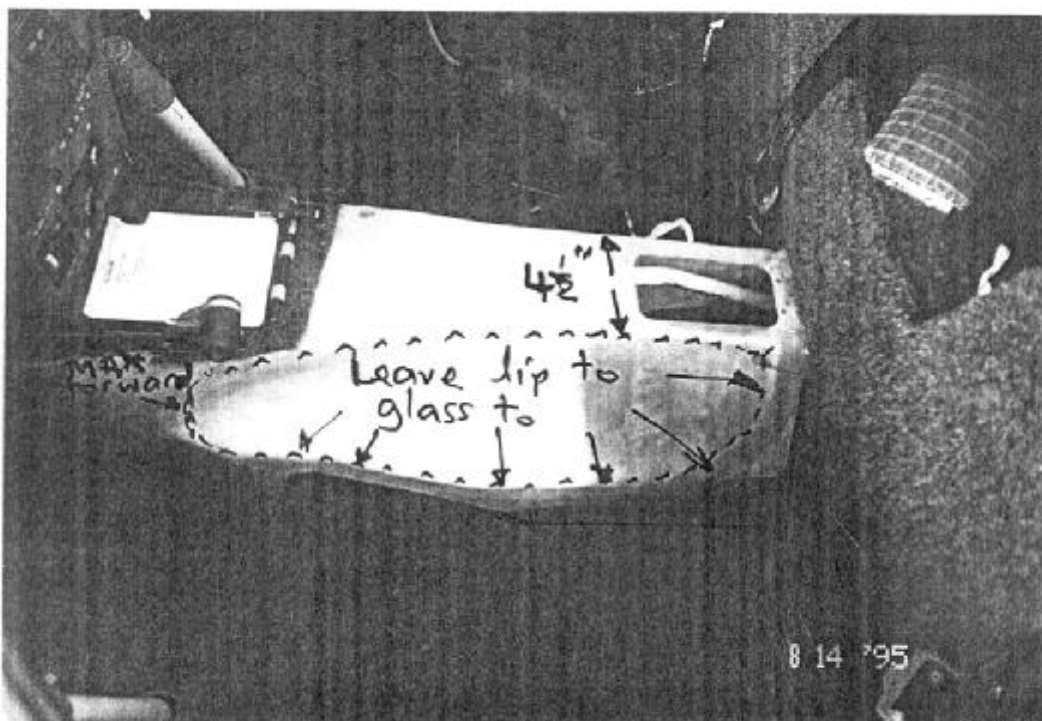
N/A

Introduction

The aim of this Modification is to narrow the width of the centre armrest/wheel well so that both pilot and passenger move closer to the centre of the aircraft. This gives greater shoulder clearance from the door reveal mouldings, and adds to the comfort of the Europa, especially for people with broad shoulders.

Action

Referring to the photograph, carefully cut away at both sides, using a hacksaw blade, the areas shown on the photograph. Do not extend the bottom of the cut below the level of the rudder cables.



Set the aircraft on trestles and retract the gear and flaps. Bond scraps of blue foam on to the inside of the armrest with 5 minute epoxy. Using a Surform or sanding block, dish out the foam to give maximum "bum space" without contacting the wheel or flap actuating lever, etc.

If you have already fitted the small bulkhead at the rear of the wheel well this can be trimmed also.

Scuff sand the glass area all around the foam for about 2 to 3 cm (1"), micro-slurry the foam and lay up 2 plies of 'bid*', taking care to peel ply all the edges.

Once cured, cut away and sand the foam to approximately 4 - 6 mm (3/16" - 1/4") - not critical - micro-slurry, and lay up 2 more plies of 'bid*' all over the inside, extending 3 cm (1"), finally peel ply. Remember to fill any voids with flox.