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Falco Construction Note 61009-1

# Fuselage Skins

## Introduction

Larry Black developed a bending jig for the skins that go on the side of the fuselage. While most builders find that it's easier to glue the plywood in place dry, forcing the plywood into shape by stapling it down, some builders like the idea of forming the plywood to a compound curve first.

So, here's Larry Black's jig:

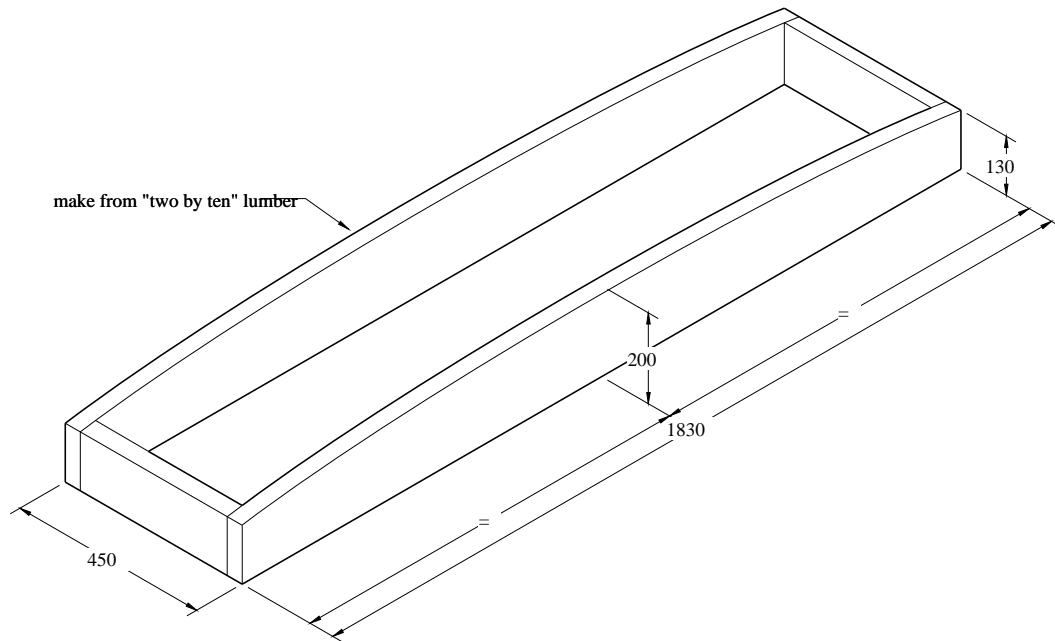
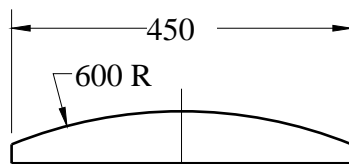


Figure 1

- ❑ Make the bottom frame as shown in Figure 1.



make from 20mm (3/4") lumber

Detail A

Figure 2

- ❑ Cut a number of curved slats as shown in Figure 2. You will need about 40 to 50 pieces.

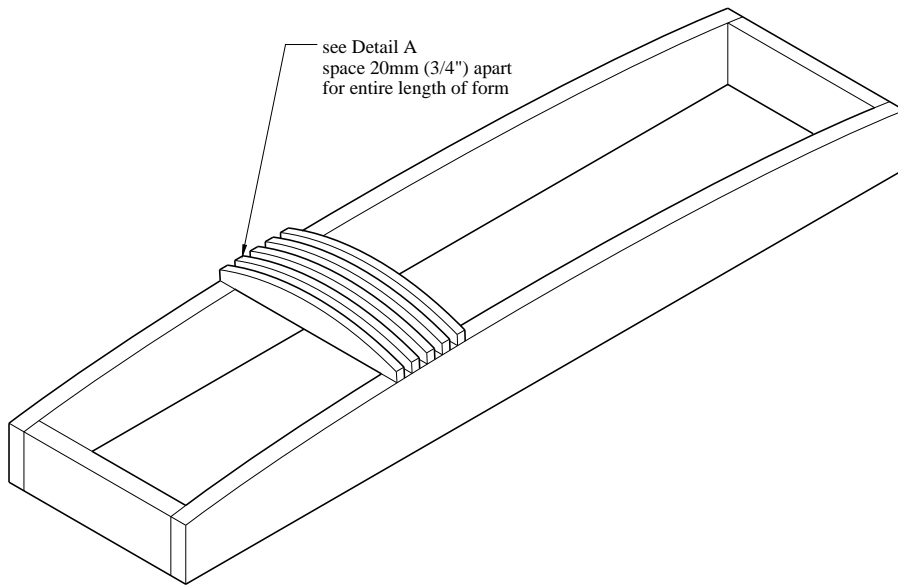


Figure 3

- ❑ Glue or nail the slats to the bottom frame as shown in Figure 3.

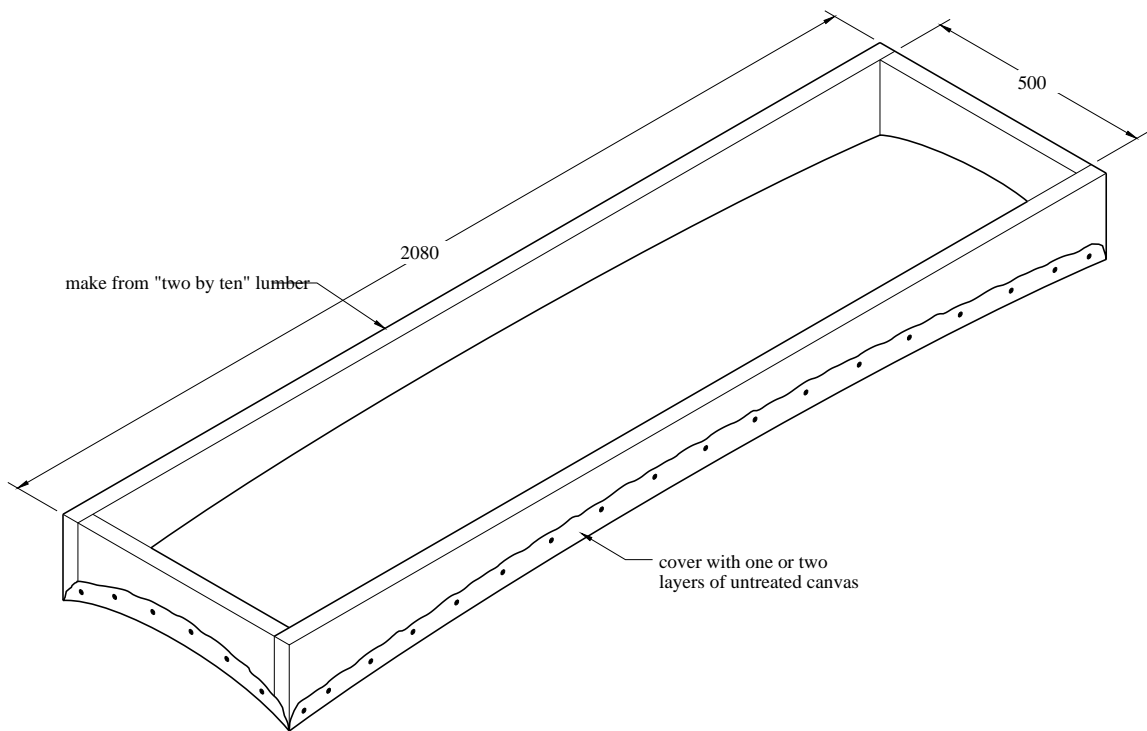


Figure 4

- ❑ Make the top frame as shown in Figure 4.
- ❑ Wet the plywood overnight.
- ❑ Wet the canvas and clamp the top over the plywood on the bottom form.
- ❑ Allow the plywood to completely dry before removing.