

WOOD COCKPIT
DESIGNS™



Flight simulation cockpit



Cockpit assembly instruction manual

V1.2

February 2026

Introduction

Package Contents

The following files and resources are included in your download:

- x1 PDF assembly instruction manual
- x4 PDF plans – Full-scale (1:1) DWG 01, 02, 03 & 04 (A0 size: 841 mm x 1189 mm)
- x1 PDF print test file (A3 size: 297 mm x 420 mm)

Materials Required

The cockpit is designed around standard EU and US plywood formats. The following sheets are required (to be sourced locally):

EU Wood Supply

- x1 plywood sheet – **18 mm thick** (standard size: 1220 mm x 2440 mm)
- x1 plywood sheet – **3 mm thick** (standard size: 1220 mm x 2440 mm)

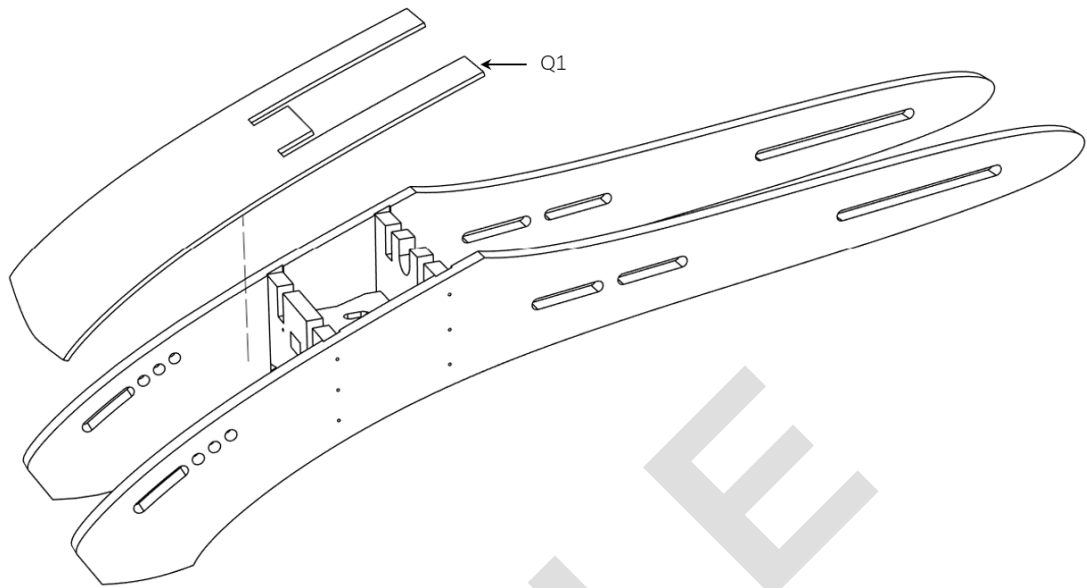
→ On the plans, always cut along the **continuous black lines**.

US Wood Supply

- x1 plywood sheet – **$\frac{3}{4}$ inch thick** (standard size: 4 ft x 8 ft)
- x1 plywood sheet – **$\frac{1}{8}$ inch thick** (standard size: 4 ft x 8 ft)

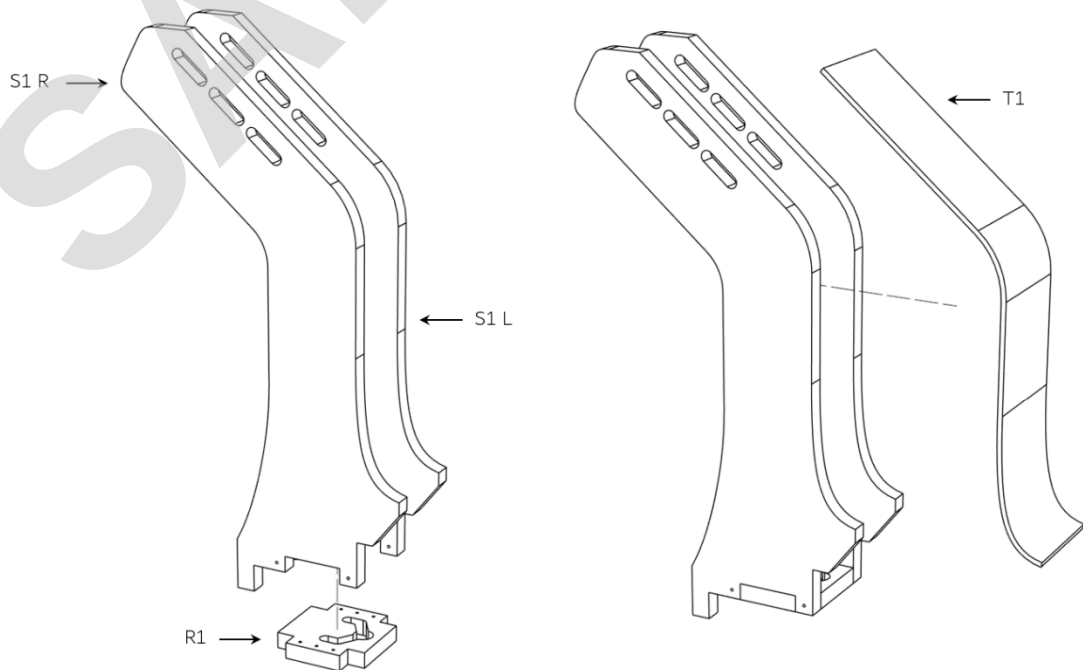
→ On the plans, always cut along the **continuous black lines**, and use the **red dotted lines** where indicated.

12.

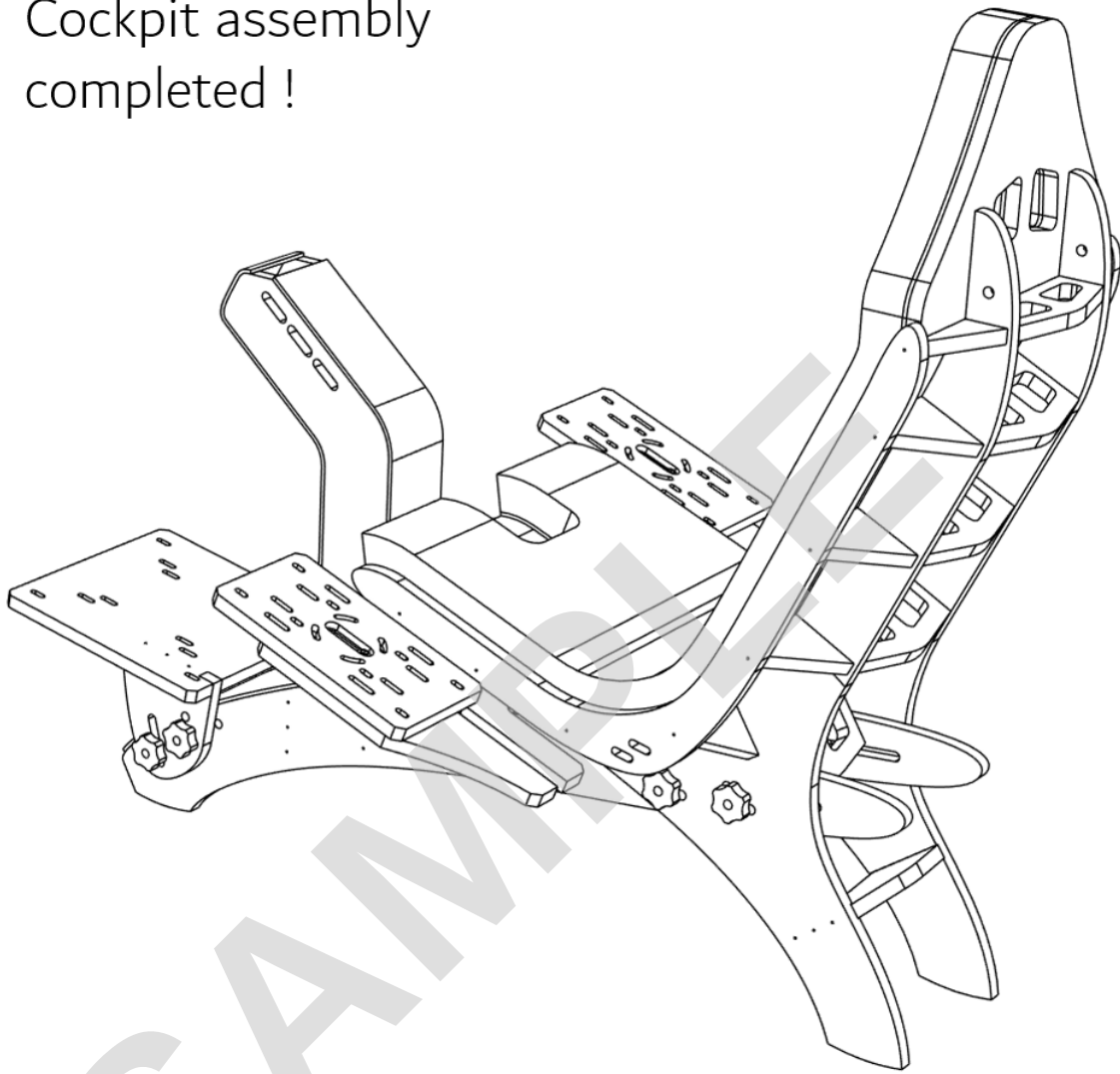


13.

To shape T1 and U1 correctly, the 3 mm or 1/8-inch plywood can be softened using heat and moisture. One effective method is to lay a wet towel over the plywood and apply heat gradually using an iron. As the wood heats through the damp towel, gently bend it into shape. This process requires care to avoid cracking or damage.



Cockpit assembly completed !



I'd love to see your cockpit build! Feel free to share some pictures by email at support@woodcockpitdesigns.com and/or leave a review by selecting the purchased product from your account page. If you have any questions about your build or purchase, just reach out via the contact form on the website.

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