

Independence War

Saltlake Naval Base

1/2200 scale paper model assembly instructions

This model tests the upper limits of how large a paper model can be. When completed, it will measure 127 Cm, or 50 inches long! It is strongly recommended that you brace it along its length with a piece of 1/4 inch dowel.

It is not very complex to assemble, but the crew sections (the three drum-like rotating central sections) are the hardest parts to get right. Start out by printing 4 sheets of page 1 and 2 sheets of page 2. You need a total of nine copies of part 1 and six copies of part 2 to make 3 identical rotating crew sections. Each section requires three copies of part 1 and two copies of part 2. Try to roll up all the part 1's first to get the curvature right, then glue them one at a time to the section ends (part 2). The joints between part 1's meet at the inner junction angle. Once all three crew sections are complete, align them carefully, ensuring that the central axis hole has been cut out, and glue them together.

Next, assemble the vertical docking arms, part 9's and brace them with parts 4a near the base of each. Assemble part 3, also with a form part 4a inside it, and attach the two vertical arms carefully, ensuring that the vertical arms make a straight line, and that they are perpendicular to the axis of part 3.

Make sure the flaps for the attachment points for all the small docking arms are cut for parts 4, 7 and 8. Assemble these parts with bracing forms (part 4a) inside them where indicated. Align and attach parts 7 and 8. Assemble part 5. Do the same for parts 4 and 5, align and glue.

Assemble the small docking arms (part 11) and the UDCs for each (part 13) and attach all eight to their respective attachment points along the main cylinder sections, four at each end (on parts 4 and 7/8).

If you are using a central dowel 'spine' (recommended), test fit the end cylinder sections on either end of the central crew section assembly. Glue the ends to the dowel, but not the crew section, so it can rotate.

Finally, once everything is aligned, assemble the main docking ends (part 10's) and their UDCs (part 12's) for all four main docking arms at the ends of the vertical arms, and the very ends of the main axis. Affix them in place and you are done. For best display: suspend this model.