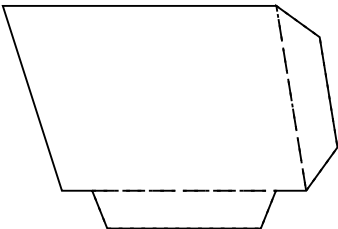


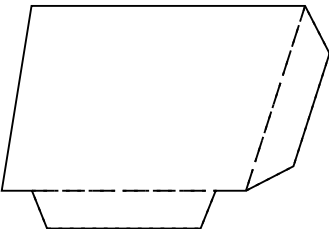
Open Rowing Skiff

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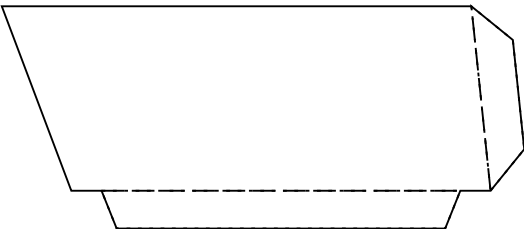
H5 | cut 1  
44.27 x 29.45 mm



H3 | cut 1  
43.37 x 29.45 mm



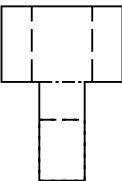
H1 | cut 1  
69.11 x 29.40 mm



F | cut 1  
160.00 x 48.00 mm



R1 | cut 1  
16.00 x 23.06 mm



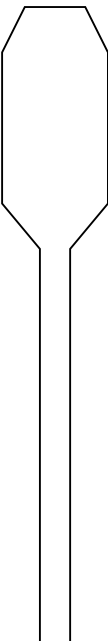
B1 | cut 1  
12.00 x 86.00 mm



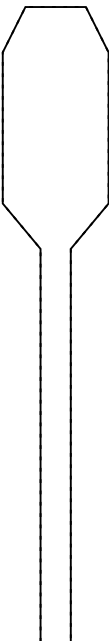
B2 | cut 1  
12.00 x 86.00 mm



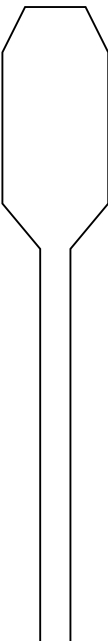
O1a | cut 1  
14.00 x 84.00 mm



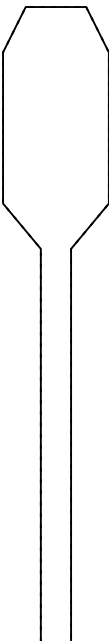
O1b | cut 1  
14.00 x 84.00 mm



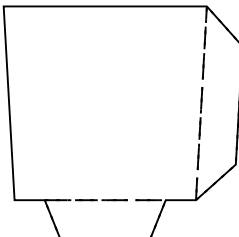
O2a | cut 1  
14.00 x 84.00 mm



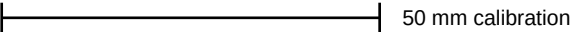
O2b | cut 1  
14.00 x 84.00 mm



H4 | cut 1  
31.59 x 30.63 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

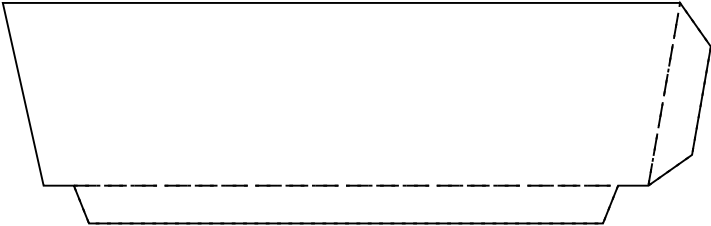


Print at 100% / Actual size. Do not fit to page. Original paper craft template.

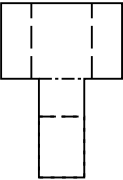
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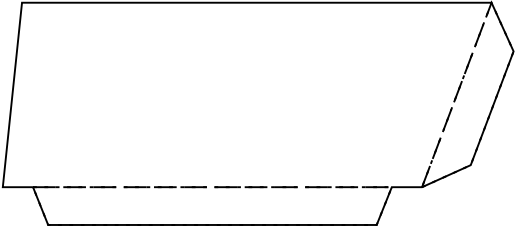
H6 | cut 1  
93.67 x 29.17 mm



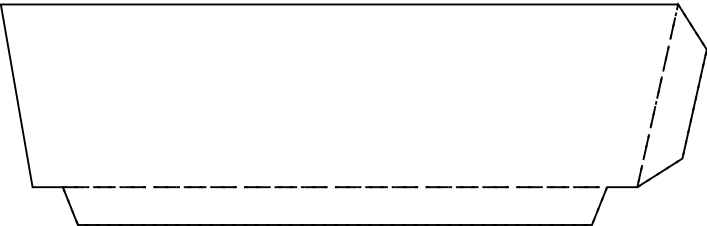
R2 | cut 1  
16.00 x 23.06 mm



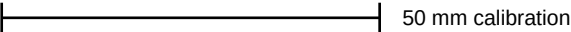
H7 | cut 1  
67.57 x 29.40 mm



H2 | cut 1  
93.39 x 29.17 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



# Open Rowing Skiff

rowing-boat / 1.0.0 / Letter / Assembly instructions

Finished size: 179.2 long x 184 wide including displayed oars x 28 high mm; hull beam 53.76 mm

Materials: 200-240 gsm cardstock; PVA craft glue; Scissors or craft knife and cutting mat; Ruler and blunt scoring tool

Original dry decorative model; not waterproof and no floating performance is claimed.

Every hull facet, 5 mm floor lap and tapered 5 mm corner lap has exact piecewise-rigid flat correspondence. The upper rim is 1.12 times the floor plan at 24 mm height.

Seven separately cut hull panels allow a genuinely flared, pointed bow and narrow stern without stretching paper. No mast, sail or hidden ballast.

Paper and glue thickness are idealized. Oar laminations have 0.2 mm preview separation; rowlock necks fold back beneath their trays. Oars and rowlocks are static display fittings.

Physical printing, assembly, glue access and stability remain pending; rest the full flat floor on a dry level table.

Part inventory (cut each instance once):

F: Flat seven-sided floor

H1: Hull facet 1 - floor and next-wall laps

H2: Hull facet 2 - floor and next-wall laps

H3: Hull facet 3 - floor and next-wall laps

H4: Hull facet 4 - floor and next-wall laps

H5: Hull facet 5 - floor and next-wall laps

H6: Hull facet 6 - floor and next-wall laps

H7: Hull facet 7 - floor and next-wall laps

B1: Bench with two legs and floor feet

B2: Bench with two legs and floor feet

R1: Rowlock tray with cheeks and inner-wall lap

R2: Rowlock tray with cheeks and inner-wall lap

O1a: Oar front

O1b: Oar lamination back

O2a: Oar front

O2b: Oar lamination back

1. Print, cut and score [F]: Print at 100% actual size; the ruler must measure 50 mm. Cut all 16 pieces. Score dashed folds before cutting small laps. F is the 160 mm long floor: sharp point is bow; 24 mm edge is stern. Keep each H number with its piece.

2. Start the two long sides [H2, H6]: H2 and H6 fit the two 80 mm straight floor edges. Fold each 5 mm bottom lap inward and glue on TOP of F, leaving 4 mm clear at each end. Keep the rim 24 mm above the table and 2.88 mm farther out than its floor edge. Hold until tacky; do not glue the corner laps yet.

3. Close the narrow stern [H3, H4, H5]: Fit H3 and H5 to the two 32.31 mm aft floor edges, then H4 to the 24 mm stern edge. Glue all 5

## Open Rowing Skiff

rowing-boat / 1.0.0 / Letter / Assembly instructions continued

mm floor laps onto F. Glue the right-edge lap of H2 inside H3, H3 inside H4, H4 inside H5, and H5 inside H6; each corner lap reaches 5 mm onto its neighbor. Upper stern width is 26.88 mm. Allow 10 minutes to set on the flat floor.

4. Form the pointed bow [H1, H7]: Fit H1 and H7 to the two 55.46 mm forward floor edges. Bond their 5 mm bottom laps to F. Bond H6 corner lap inside H7, H7 lap inside H1 at the sharp bow, and H1 lap inside H2. Align top corners at 24 mm height and keep the upper bow 10.2 mm ahead of the floor point. Pinch each seam gently; let dry 20 minutes.

5. Fold and place two benches [B1, B2]: For B1/B2 score at 5, 23, 63 and 81 mm along each 86 mm strip. Fold 90 degrees to make a 40 x 12 mm seat, two 18 mm legs and two inward 5 mm feet. Glue feet to F with seats across the beam. B1 center is 47 mm forward of the stern floor edge; B2 center is 97 mm forward. Both seat centers lie on the centerline. Keep seats horizontal and dry 15 minutes.

6. Fit the rowlock supports [R1, R2]: On R1/R2 fold both 4 mm cheeks up 90 degrees. Fold the 5 mm neck fully back underneath the 8 x 10 mm tray, then bend the final 8.06 mm lap down to follow the inner hull wall. Glue this lap inside each long side centered 75 mm forward of the stern floor edge. Tray centers sit at the rim, 24 mm high and 26.88 mm each side of centerline. Cheeks run outward across the boat. Let dry 20 minutes.

7. Laminate and mount the supplied oars [O1a, O1b, O2a, O2b]: Glue O1a to O1b and O2a to O2b, aligning their full silhouettes. Each oar is 84 mm long with a 4 mm shaft and 14 mm broad blade. Press flat under scrap paper until dry. Lay one shaft between each rowlock pair of cheeks, blade outboard; handle tip sits 8 mm from the boat centerline, blade tip 92 mm out. Glue a 4 x 6 mm shaft patch to each tray for static display. Leave the flat floor on a level dry table overnight.