

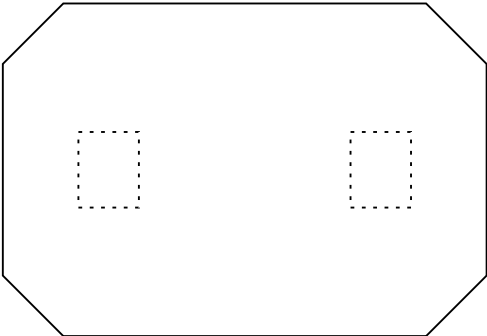
Alpine Hanging Gondola

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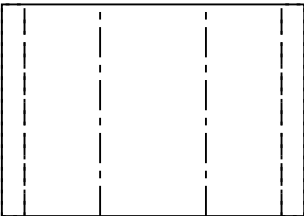
H | cut 1
100.00 x 10.00 mm



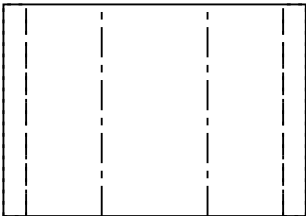
R | cut 1
64.00 x 44.00 mm



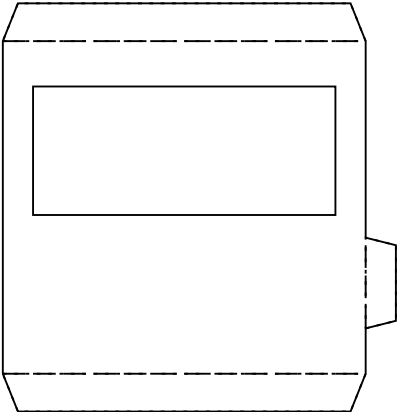
S1 | cut 1
40.00 x 28.00 mm



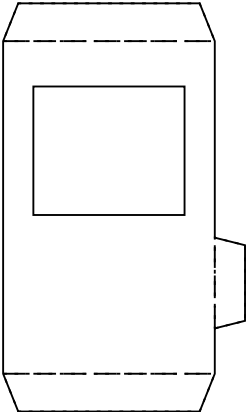
S2 | cut 1
40.00 x 28.00 mm



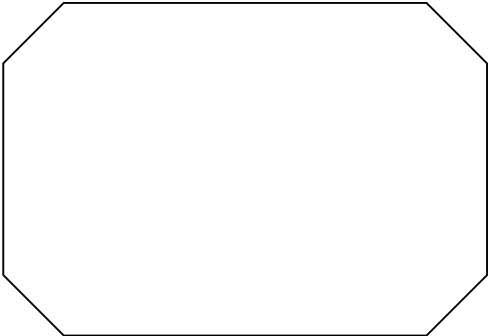
W5 | cut 1
52.00 x 54.00 mm



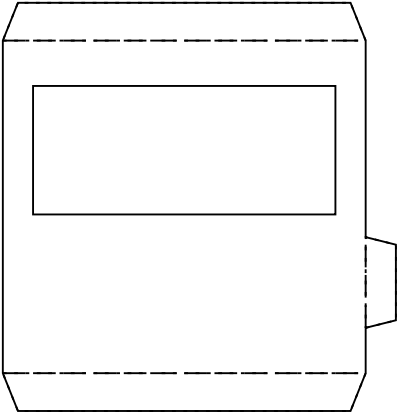
W7 | cut 1
32.00 x 54.00 mm



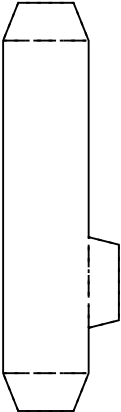
F | cut 1
64.00 x 44.00 mm



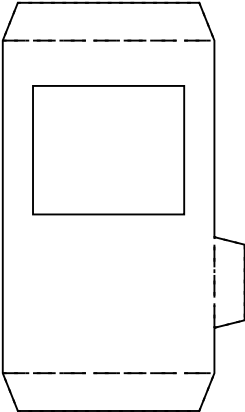
W1 | cut 1
52.00 x 54.00 mm



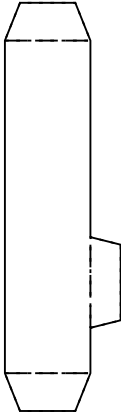
W2 | cut 1
15.31 x 54.00 mm



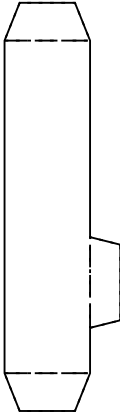
W3 | cut 1
32.00 x 54.00 mm



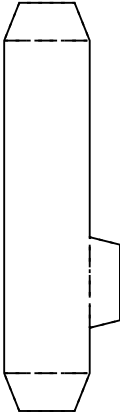
W4 | cut 1
15.31 x 54.00 mm



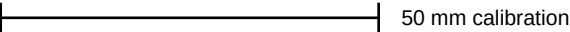
W6 | cut 1
15.31 x 54.00 mm



W8 | cut 1
15.31 x 54.00 mm



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



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

Alpine Hanging Gondola

cable-car / 1.0.0 / Letter / Assembly instructions

Finished size: 64 x 44 x 72 mm paper body; thread drop set during hanging

Materials: 200-240 gsm cardstock; PVA glue; Scissors and craft knife; Scoring tool and ruler; 300 mm sewing thread for the hanger (required, not paper); A secure overhead display hook (not supplied)

Original construction. Static decorative model, not a working cable system; no trolley or moving cable.

All paper faces and tabs have exact rigid flat correspondence. Preview uses zero-thickness paper; glue films and cardstock thickness are not simulated.

Required external sewing thread and overhead hook are not rendered as paper parts. Tie the thread around the bracket bridge, never through a window.

Eight wall facets meet at 135-degree interior angles. All top and bottom attachment tabs are 5 mm deep; wall lap tabs are 4 mm wide.

Physical printing, cutting, load strength and assembly remain unverified. Allow glue to cure fully before suspending the empty ornament.

Part inventory (cut each instance once):

W1: Cabin facet 1

W2: Cabin facet 2

W3: Cabin facet 3

W4: Cabin facet 4

W5: Cabin facet 5

W6: Cabin facet 6

W7: Cabin facet 7

W8: Cabin facet 8

F: Octagonal floor

R: Octagonal roof

S1: Bench with floor feet

S2: Bench with floor feet

H: Roof suspension bracket

1. Print and cut [W1, W2, W3, W4, W5, W6, W7, W8, F, R, S1, S2, H]: Print at 100 percent; check the 50 mm ruler. Cut all 13 pieces. Remove the four rectangular window holes in W1, W3, W5 and W7 with a knife before folding. Score dashed lines; keep every tab.

2. Form the octagonal wall ring [W1, W2, W3, W4, W5, W6, W7, W8]: Keep the 44 mm wall height vertical. Fold each right seam tab inward 45 degrees; join W1 to W2 through W8 and W8 back to W1. Glue each 4 mm tab behind the next panel left edge at heights 6-18 mm. Alternate long and chamfer facets to make 135-degree interior corners. Keep the top open.

3. Attach the floor [F, W1, W2, W3, W4, W5, W6, W7, W8]: Fold all bottom tabs inward 90 degrees. Lower F through the open top with its 48 mm edges aligned to W1 and W5. Glue its underside onto all eight 5 mm tabs; use the window openings to press the joints. Let dry square.

4. Fold the two bench seats [S1, S2]: Each strip has successive lengths 3, 10, 14, 10, 3 mm and is 28 mm wide. Fold at right angles to form a 14 x 28 mm seat, two 10 mm vertical legs and two outward 3 x 28 mm floor feet. Seat faces up; feet lie flat. Glue only the feet.

Alpine Hanging Gondola

cable-car / 1.0.0 / Letter / Assembly instructions continued

5. Mount the seats inside [F, S1, S2]: Center both benches fore/aft, leaving 8 mm to front and rear wall planes. Seat S1 spans $x=-23$ to -9 mm and S2 spans $x=9$ to 23 mm, measured from floor center. Their outer feet end at $x=\pm 26$ mm, leaving 6 mm to the side walls. Bond the four complete 3 x 28 mm feet to F; dry before closing.
6. Close the roof [R, W1, W2, W3, W4, W5, W6, W7, W8]: Fold the upper wall tabs inward 90 degrees at height 44 mm. Glue the underside of R onto all eight 5 mm tabs, matching its octagonal perimeter to the cabin. Press through windows and allow the entire perimeter bond to cure.
7. Build the suspension bracket [H, R]: H has successive lengths 8, 28, 28, 28, 8 mm and width 10 mm. Fold four right angles into an inverted U: 28 mm uprights, 28 mm horizontal bridge and outward 8 mm feet. Glue each entire 8 x 10 mm foot onto the marked roof rectangles, centered fore/aft, at $x=-22$ to -14 and $x=14$ to 22 mm. Hold upright until set; cure fully.
8. Add the required thread hanger [H]: Pass one end of 300 mm sewing thread under the horizontal bracket bridge and over it at its midpoint, 14 mm from either upright. Tie a snug double knot around the bridge; tie the remaining ends together above it to make a hanging loop. Hang from a secure hook, supporting the cabin by hand initially to confirm glue holds. Keep empty and still; this is a static ornament, not a running cable car.