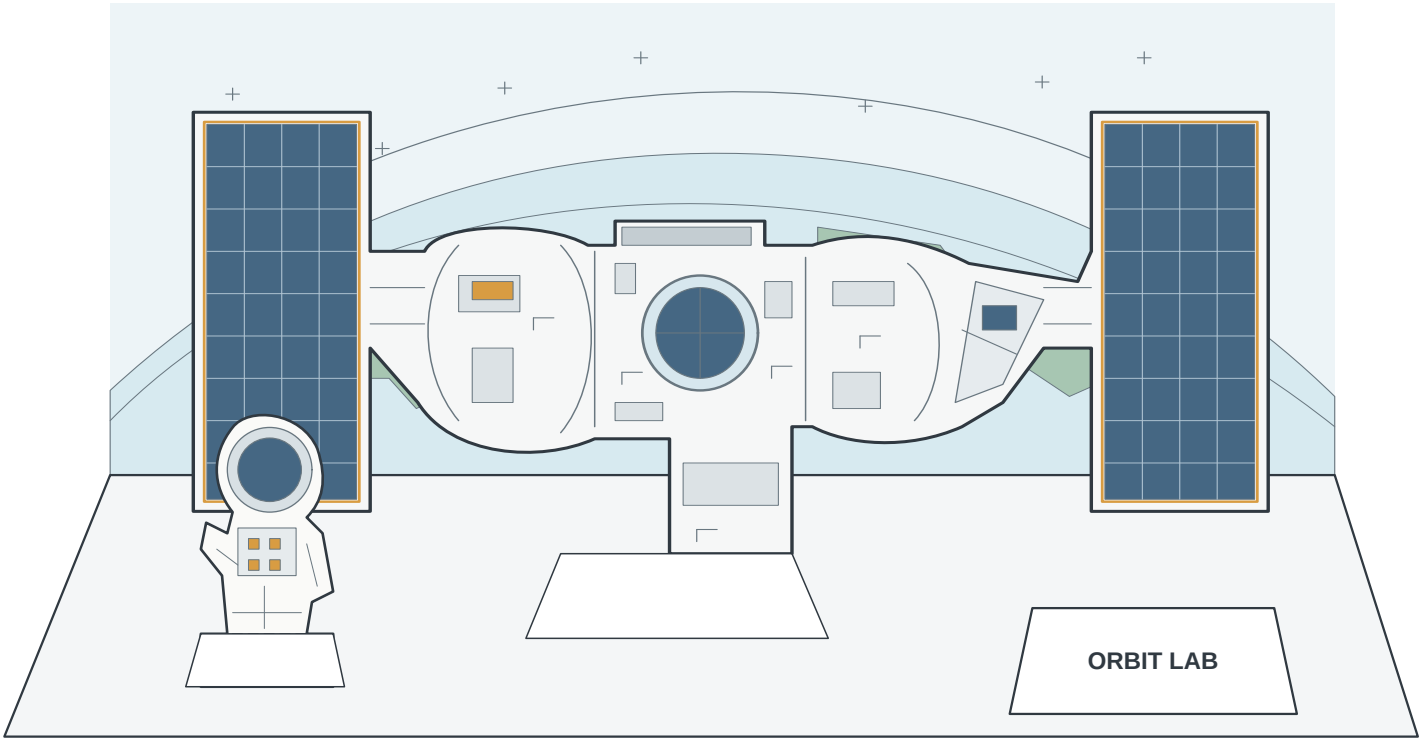
Build an orbital space station

Color: pages 1-4. Color-your-own: pages 1, 2, 5, 6.



A fictional paper scene, inspired by orbital stations. Not a scale model.

Make a little world in orbit

Build the station, add an astronaut and name your own orbital outpost.

The illustration above shows the intended arrangement of the flat paper parts.

Gather your materials

160-220 gsm card, scissors, ruler, blunt scoring tool and paper glue.

An adult can help with cutting and scoring. Color the outline parts before cutting.

Print at 100% / Actual size. Measure the 50 mm bar on a parts sheet.

A4 and Letter make the same 180 mm wide stage. Do not use Fit to page.

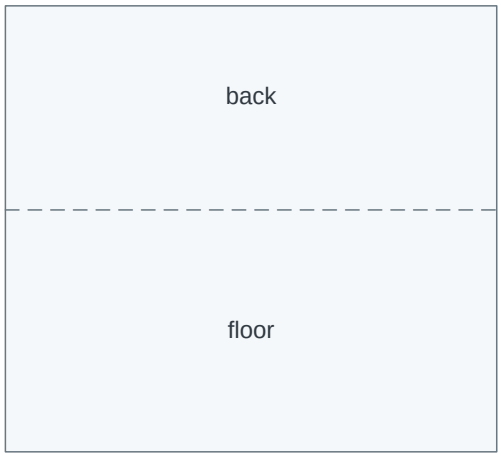
Follow the illustrated steps on page 2. Let glue dry before displaying your scene.

Assembly: four simple steps

Bold outlines = cut. Long dashes = score/fold. Fine dotted boxes = glue guides.

1 Cut and score

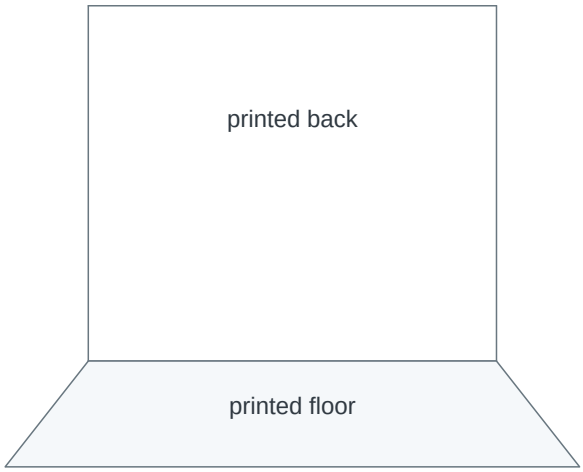
Cut A-E. Keep all inner drawing lines and connecting strips intact.
Score each dashed hinge with a blunt tool and ruler.



A: flat net, fold at the dashed hinge.

2 Make the stage

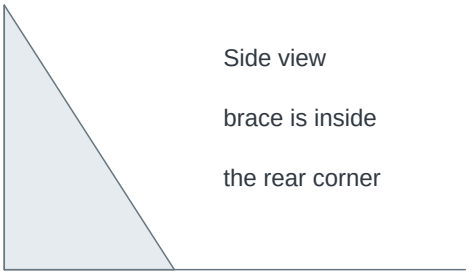
Raise the back of A to 90 degrees.
The printed floor and back face inside.



A: raised back, printed faces inside.

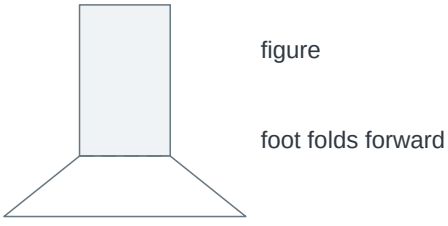
3 Fit both corner braces

Fold E tabs inward, away from the printed triangle.
Tall tabs glue to the FRONT of the back; short tabs
glue to the TOP of the floor at both E guides.
The mirrored triangle faces point outward.



4 Add your station and crew

Fold B and C feet forward. Glue their undersides
onto the B and C floor guides. Keep figures upright.
Fold D at the center; printed faces face outside.
Write your station name on the lines.



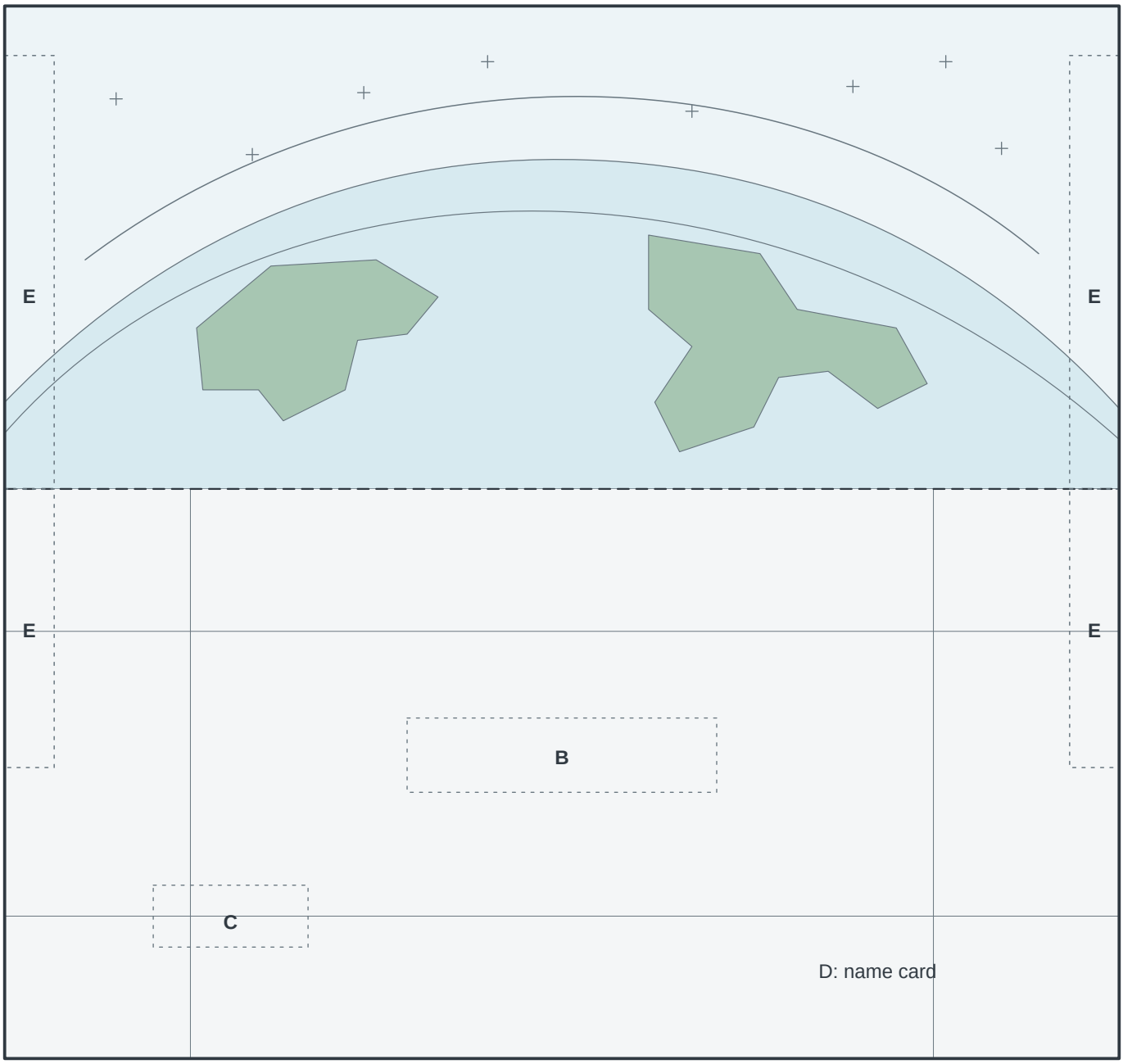
Try the arrangement before gluing. Glue feet, not artwork.

Color stage

A / Stage: 180 x 170 mm

50 mm check

Cut the outside. Score only the dashed hinge. Printed guides are not cuts.



Fold the back up 90 degrees. B / C mark feet; place D in the foreground.

E braces fit INSIDE the rear corners; tall tabs on back, short tabs on floor.

A4 and Letter keep the same model size. Print at 100%, not Fit to page.

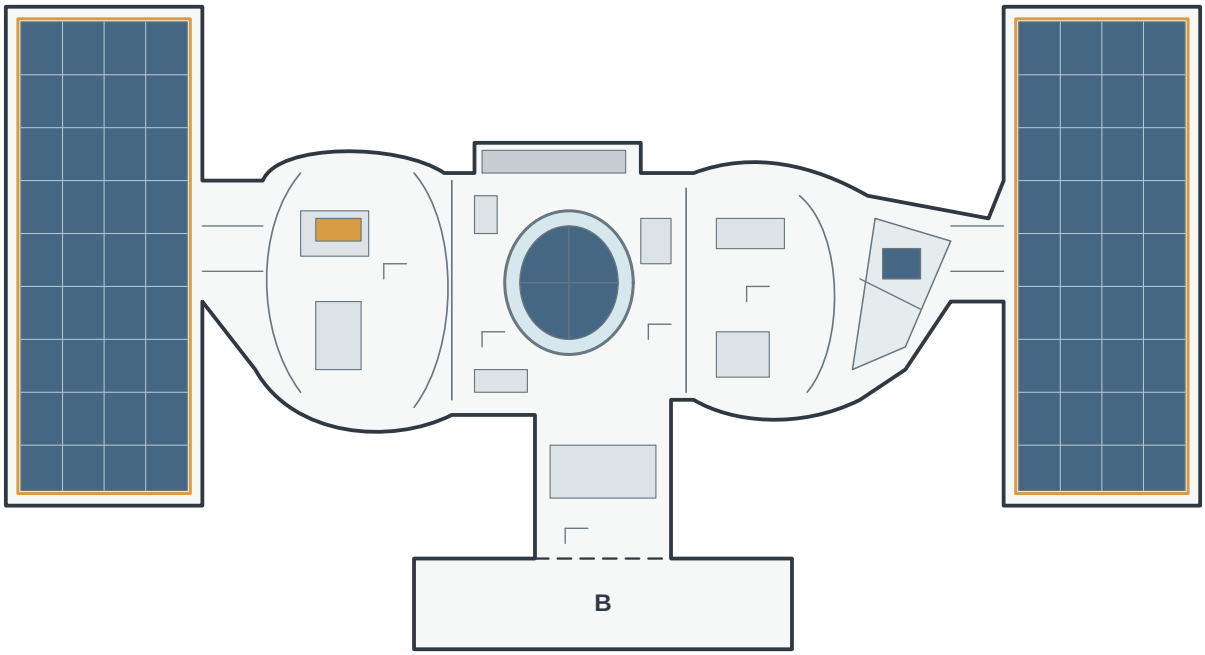
Print at actual size / 100%

Color station parts

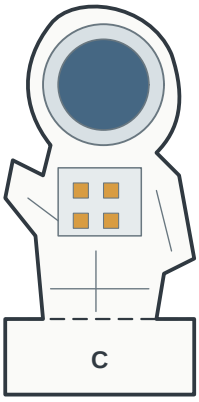
B / Station: 158 mm wide

50 mm check

Cut bold outside contours only. Do not cut solar-grid or suit details.



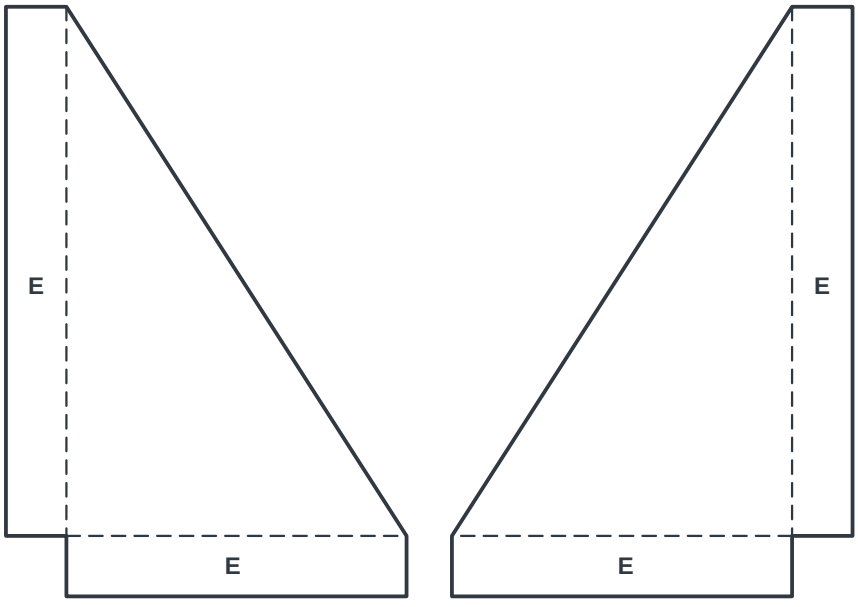
C / Astronaut



D / Name card



E / Back braces: cut both



Fold E tabs inward. Mirror braces fit the left and right corners.

Dashed = score and fold. B / C feet fold forward; glue only their undersides.

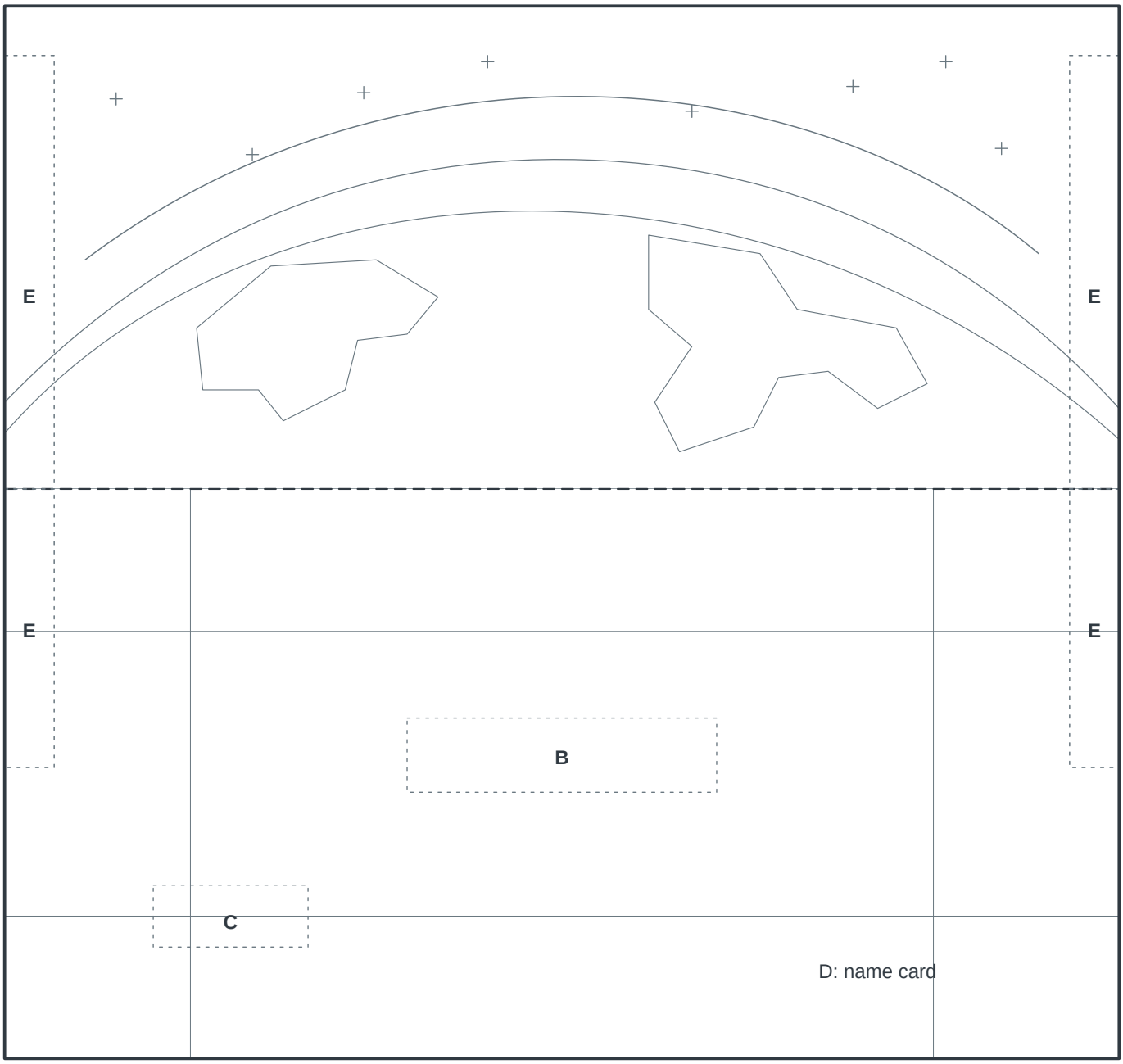
Print at actual size / 100%

Color-your-own stage

A / Stage: 180 x 170 mm

50 mm check

Cut the outside. Score only the dashed hinge. Printed guides are not cuts.



Fold the back up 90 degrees. B / C mark feet; place D in the foreground.

E braces fit INSIDE the rear corners; tall tabs on back, short tabs on floor.

A4 and Letter keep the same model size. Print at 100%, not Fit to page.

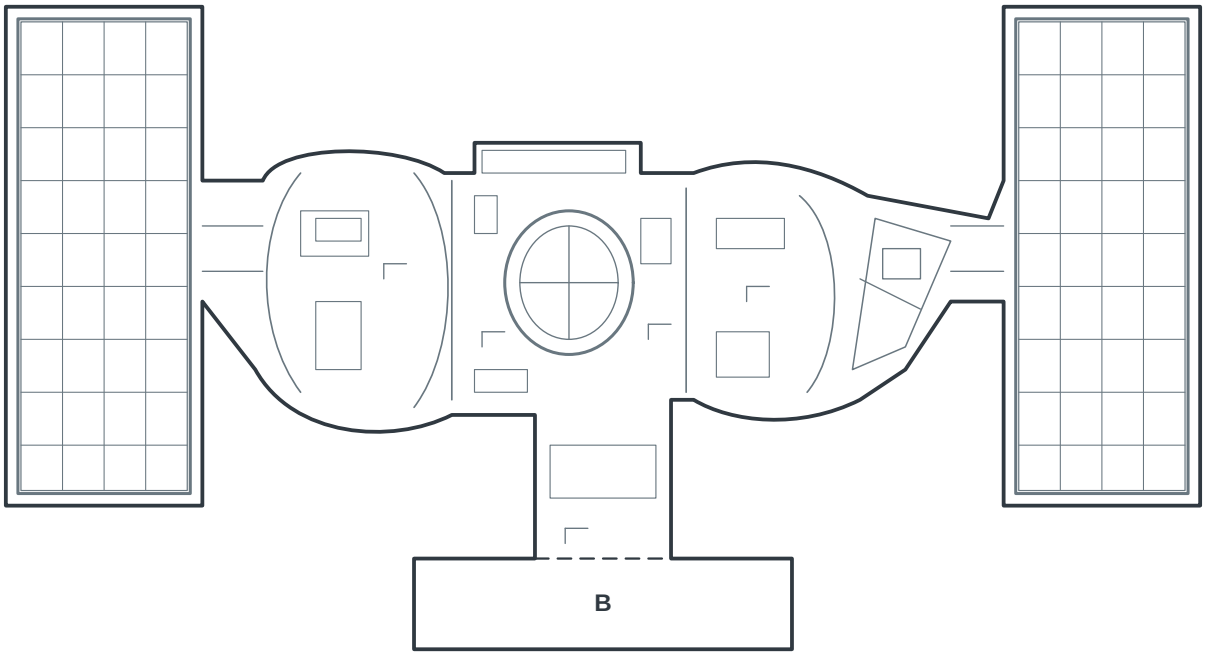
Print at actual size / 100%

Color-your-own station parts

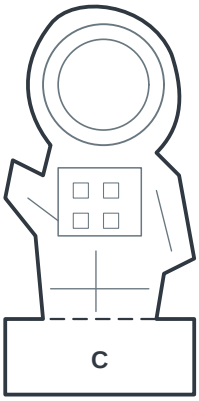
B / Station: 158 mm wide

50 mm check

Cut bold outside contours only. Do not cut solar-grid or suit details.



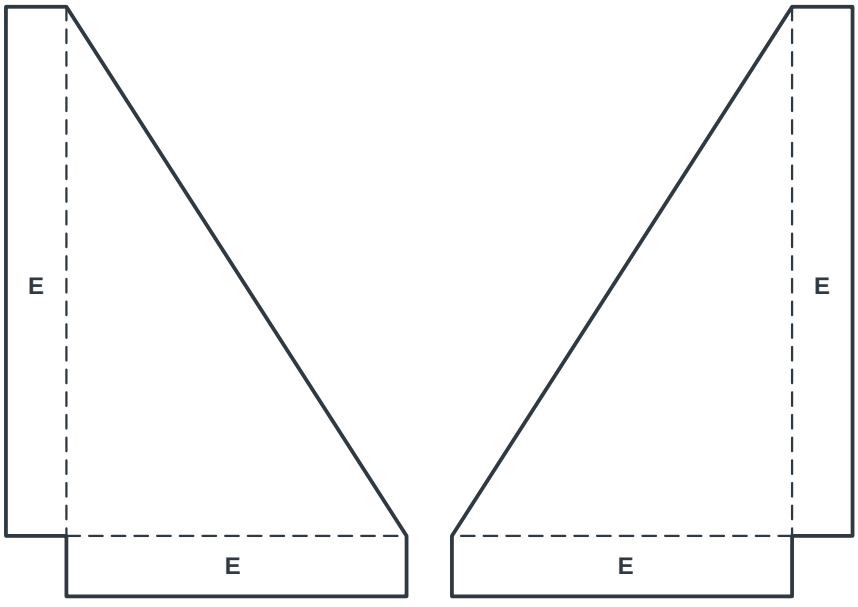
C / Astronaut



D / Name card



E / Back braces: cut both



Fold E tabs inward. Mirror braces fit the left and right corners.

Dashed = score and fold. B / C feet fold forward; glue only their undersides.

Print at actual size / 100%