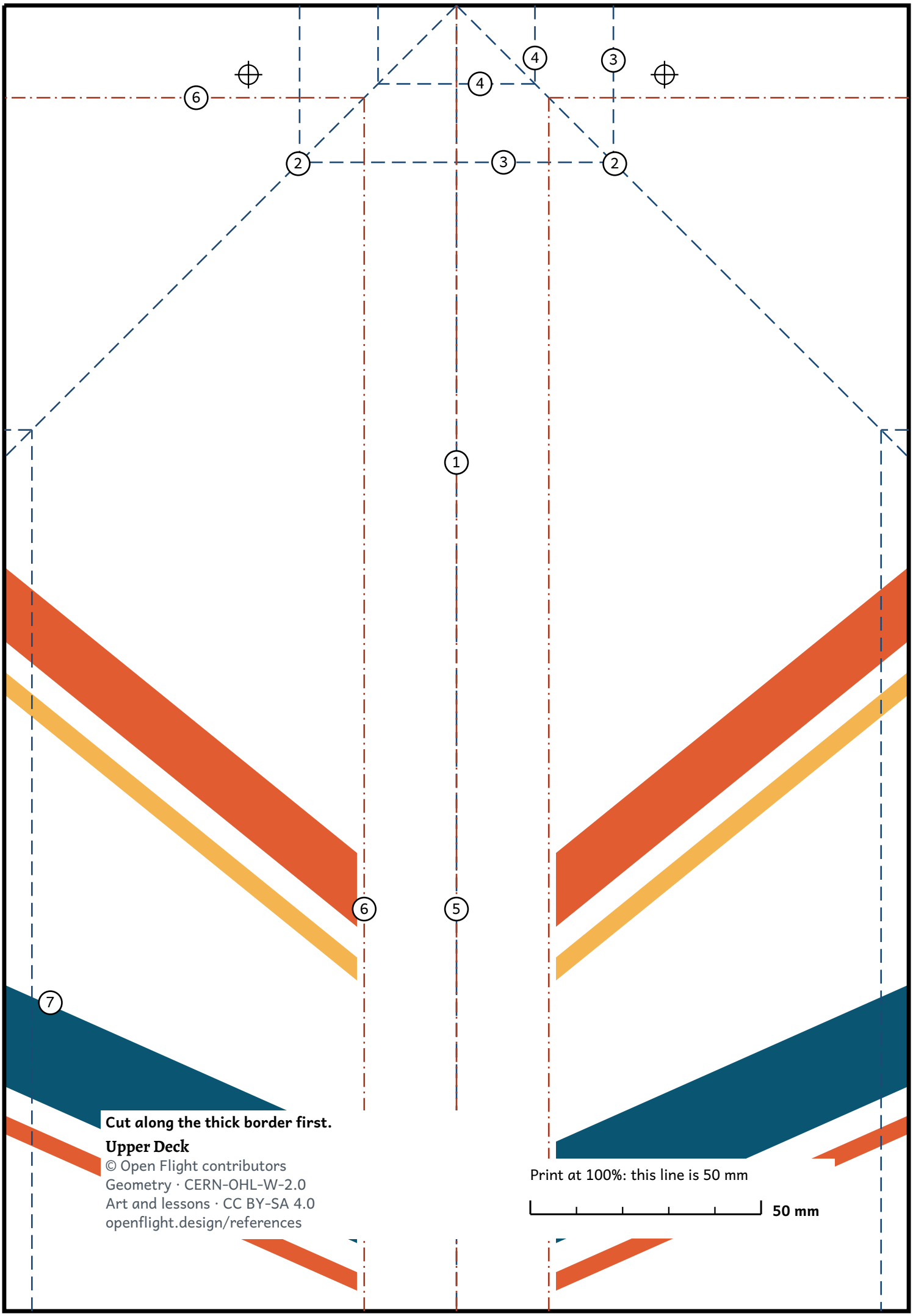

Cut along the thick border first.

Upper Deck

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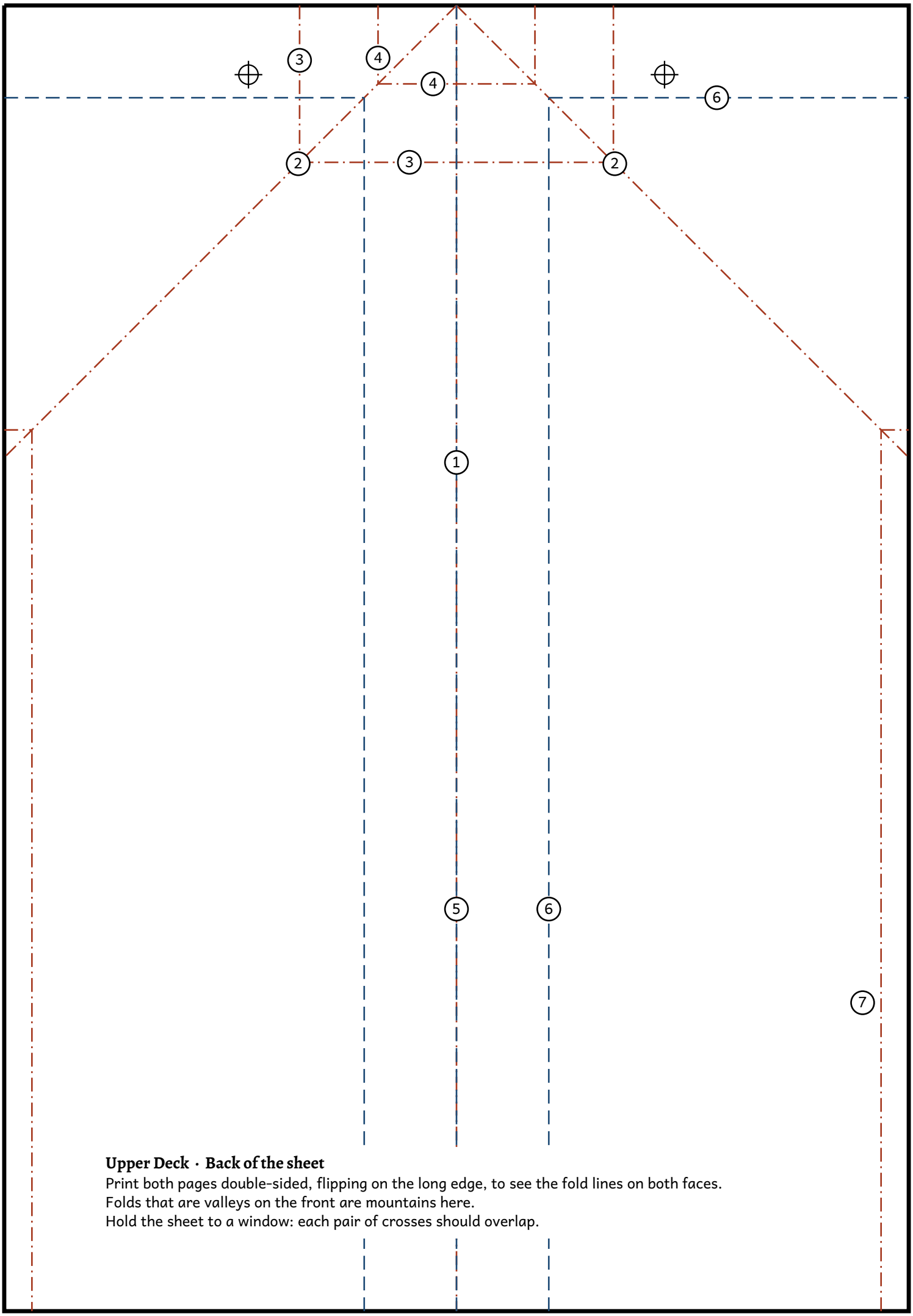
Print at 100%: this line is 50 mm

50 mm



Upper Deck · Back of the sheet

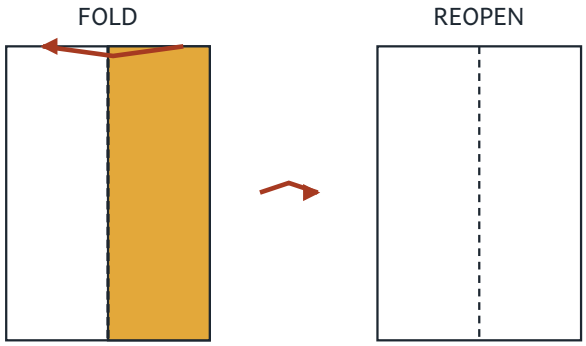
Print both pages double-sided, flipping on the long edge, to see the fold lines on both faces.
Folds that are valleys on the front are mountains here.
Hold the sheet to a window: each pair of crosses should overlap.

Upper Deck

Folding guide 1 / 3

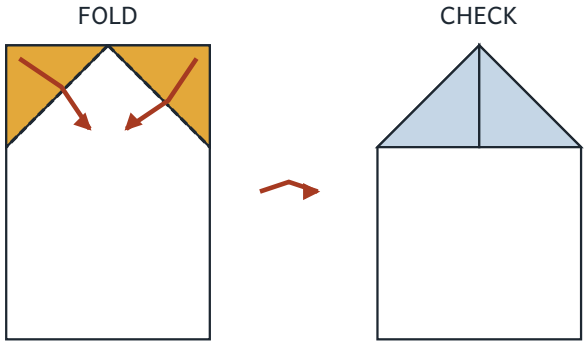
Use the airplane template. For two printed faces, print the template and its reverse from the separate airplane PDF, flipping on the long edge. Cut along the thick border, then fold. Any print scale works because the lines meet the border you cut.

1 Find the centre



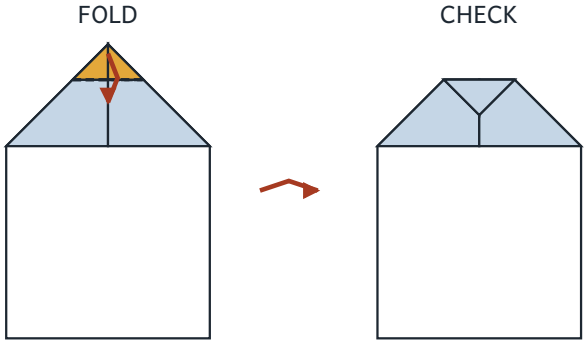
Cut out the sheet along the thick border. Print side up. Put the short edge at the top. Bring the two long edges together, press the middle crease, then open the sheet again.

2 Bring the corners to the centre



Fold each top corner inward. Lay the two short top edges along the centre crease. Press the two diagonals.

3 Turn the nose down



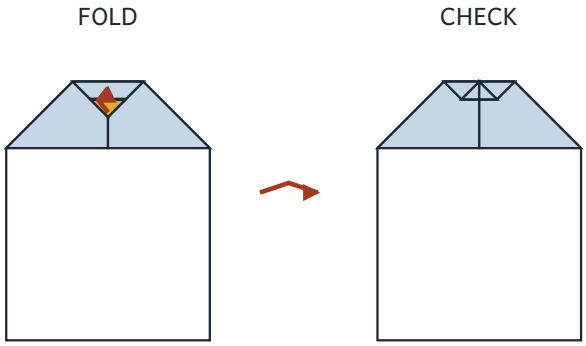
Fold the pointed nose towards the tail on line 3. The tip rests 68 mm from the original top edge. Press across all the layers.

Upper Deck

Folding guide 2 / 3

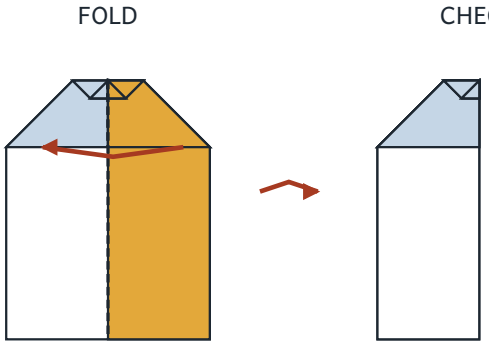
Use the airplane template. For two printed faces, print the template and its reverse from the separate airplane PDF, flipping on the long edge. Cut along the thick border, then fold. Any print scale works because the lines meet the border you cut.

4 Make the upper-deck pleat



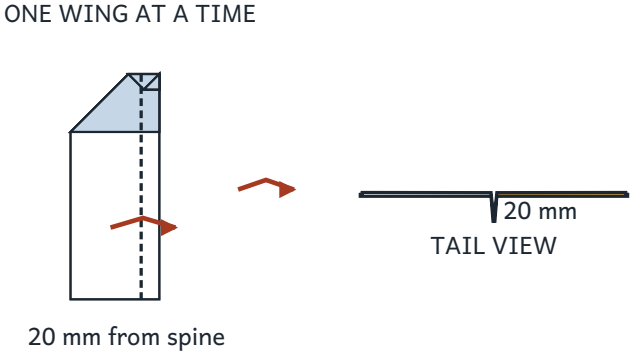
Lift only the loose triangular tip. Fold it back towards the nose on line 4 until its point touches the new front edge. The lower layers stay flat.

5 Close the body



Keep the folded details face up. Fold the right half away from you, behind the left, along the centre line. The folded details will be on the outside.

6 Fold one wing, then match its twin



Hold the closed body with the centre edge on your right. Fold only the upper wing outward on the line 20 mm from that edge. Turn the model over and fold the other wing to match. From behind, the wings make a T with the body hanging below.

Upper Deck

Folding guide 3 / 3

Use the airplane template. For two printed faces, print the template and its reverse from the separate airplane PDF, flipping on the long edge. Cut along the thick border, then fold. Any print scale works because the lines meet the border you cut.

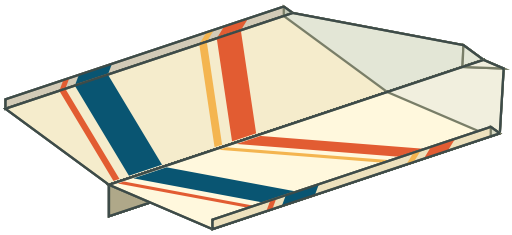
7 Raise the wing tips

Match the height of both tips



TAIL VIEW

Lift each wingtip about 10 mm above the body fold. Turn up the outer 6 mm of each long side until both tips stand upright. Sight from the tail and match the heights.



Flight notebook

Hold the body near the front. Launch gently and level into clear space. Make a second copy with a deeper body fold. Predict first: will its balance point move? Balance both on a pencil to check. Then launch each five times from the same height. Mark where each first touches the floor, and whether it glided, dived or stalled.

Launch	Where did it land? What changed?
1	
2	
3	
4	
5	



Raised upper deck

Fold 4 · Lift the loose tip back toward the nose to make the step. Look from the side for the two layers at the nose. The stepped bands repeat the idea in color.

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