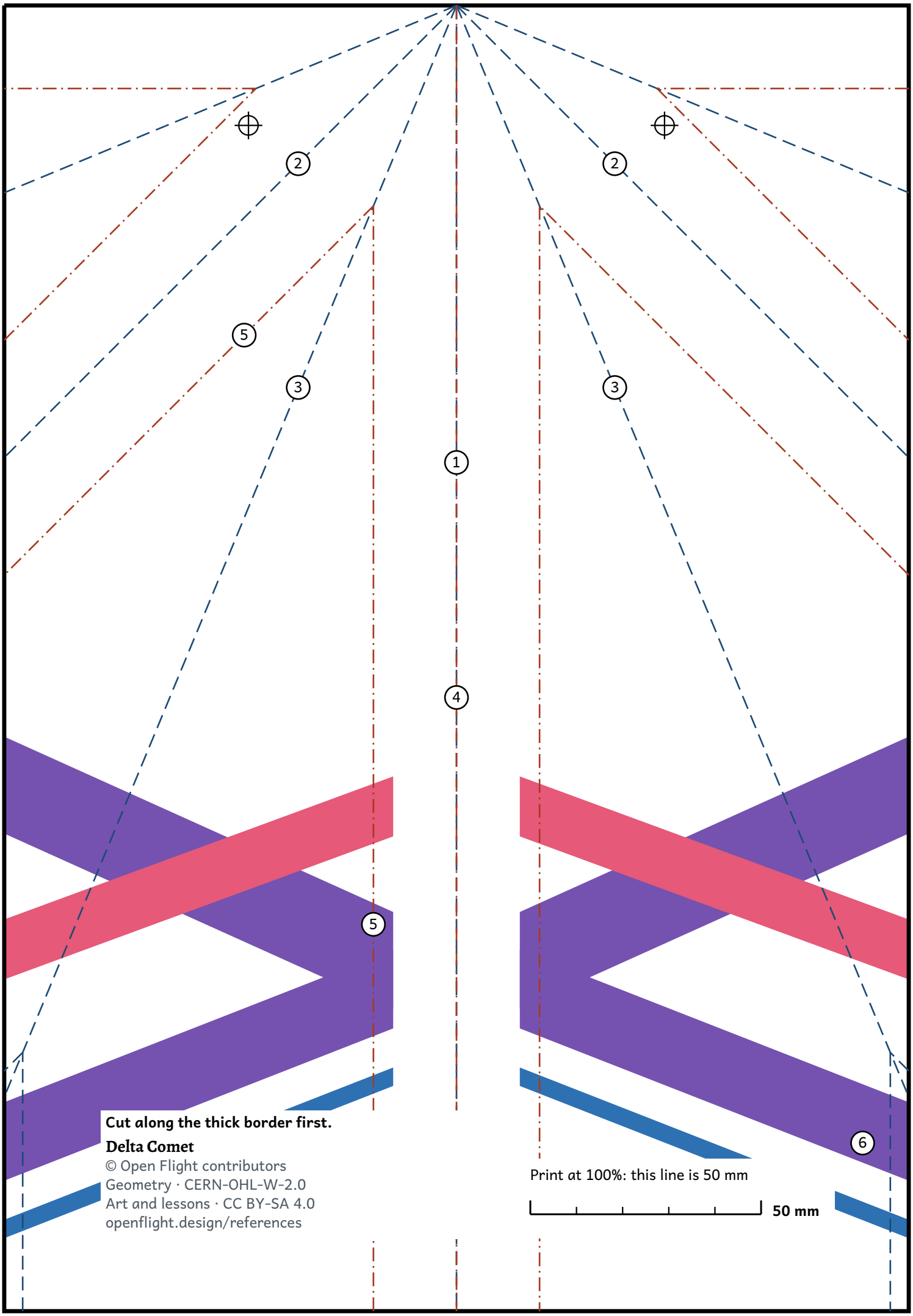


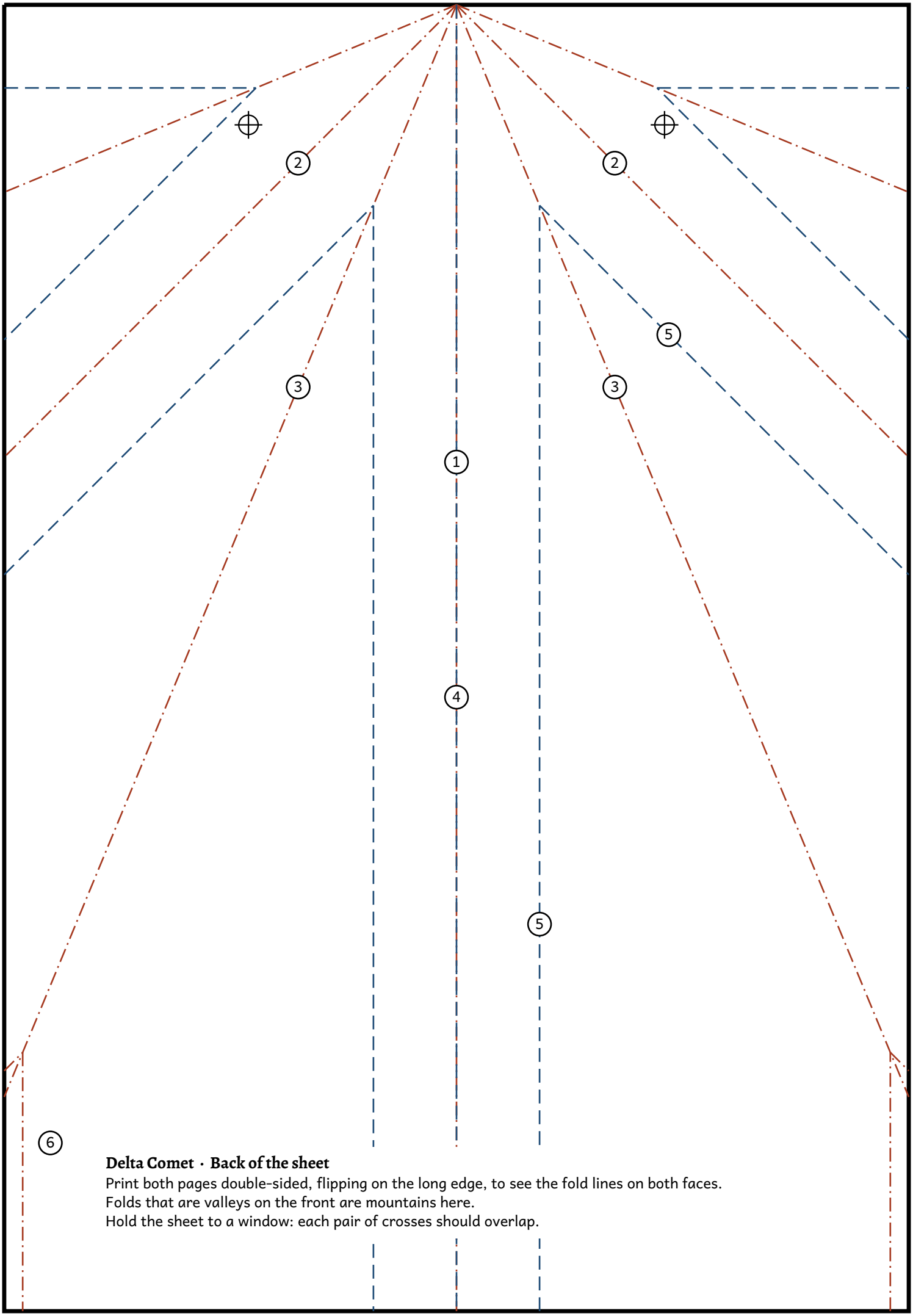
Cut along the thick border first.

Delta Comet

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Print at 100%: this line is 50 mm

50 mm



Delta Comet · Back of the sheet

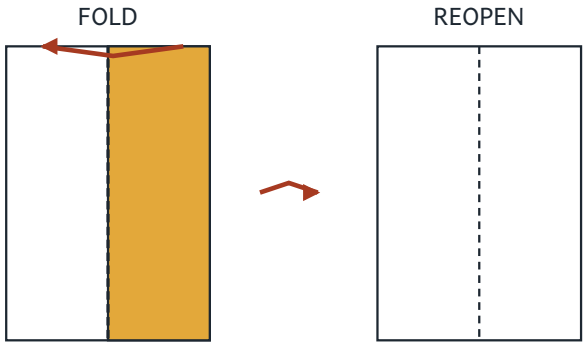
Print both pages double-sided, flipping on the long edge, to see the fold lines on both faces.
Folds that are valleys on the front are mountains here.
Hold the sheet to a window: each pair of crosses should overlap.

Delta Comet

Folding guide 1 / 2

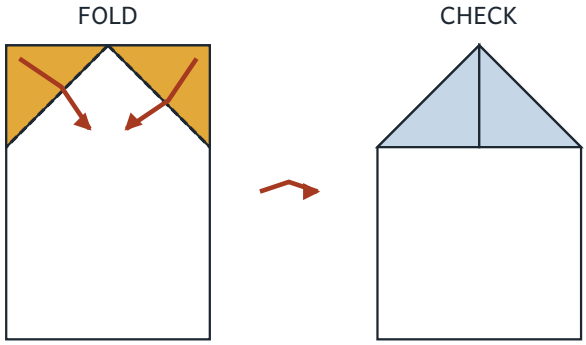
Use the airplane template. For two printed faces, print the template and its reverse from the separate airplane PDF, flipping on the long edge. Cut along the thick border, then fold. Any print scale works because the lines meet the border you cut.

1 Find the centre



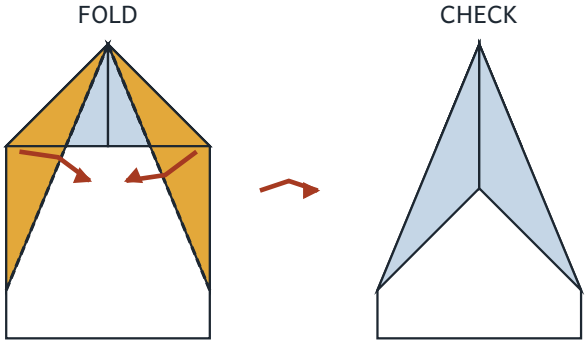
Cut out the sheet along the thick border. Print side up. Put the short edge at the top. Bring the two long edges together, press the middle crease, then open the sheet again.

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 Sweep the edges in *again*



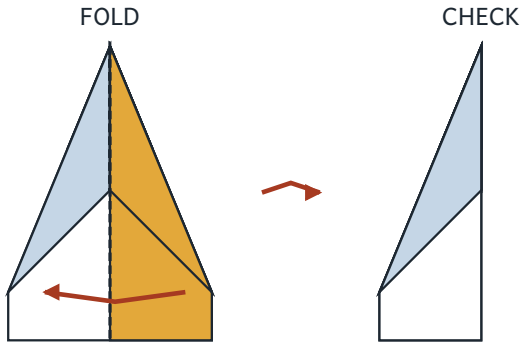
Bring each sloping front edge in until it lies along the centre crease. Start at the nose and smooth out the long diagonals one at a time.

Delta Comet

Folding guide 2 / 2

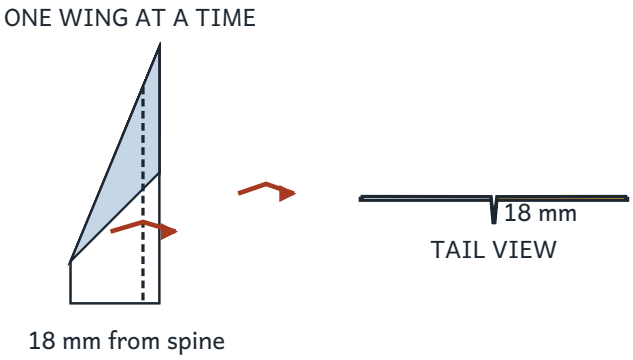
Use the airplane template. For two printed faces, print the template and its reverse from the separate airplane PDF, flipping on the long edge. Cut along the thick border, then fold. Any print scale works because the lines meet the border you cut.

4 Close the body



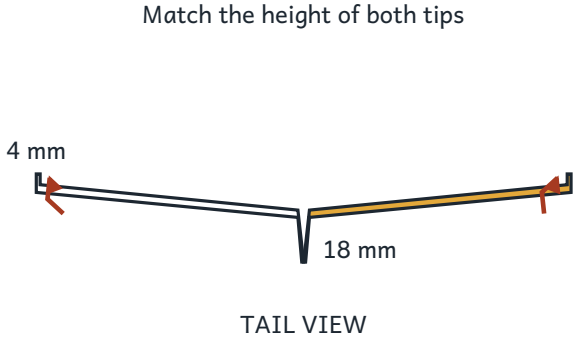
Keep the folded details face up. Fold the right half away from you, behind the left, along the centre line. The folded details will be on the outside.

5 Fold one wing, then match its twin

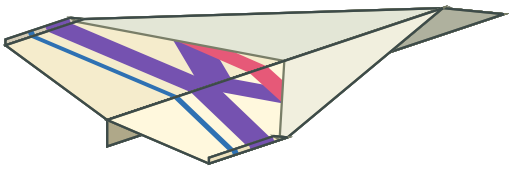


Hold the closed body with the centre edge on your right. Fold only the upper wing outward on the line 18 mm from that edge. Turn the model over and fold the other wing to match. From behind, the wings make a T with the body hanging below.

6 Raise the wing tips



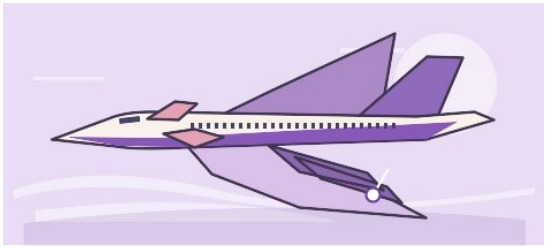
Lift each wingtip about 10 mm above the body fold. Turn up the outer 4 mm of each long side until both tips stand upright. Sight from the tail and match the heights.



Flight notebook

Hold the body near the front. Launch gently and level into clear space. Fold one Delta Comet. Throw it five times with flat back edges, then bend up the back 15 mm of each wing, next to the body, by 2 mm. Throw five more times with the same firm push. Predict first: which flies flatter and further? Mark where each flight first touches the floor.

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



Long delta wing

Fold 3 · The second diagonal draws the paper into a slimmer triangle. Look for the triangular outline and the angled stripes that follow it.

Technik Museum Sinsheim • Tupolev Tu-144

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