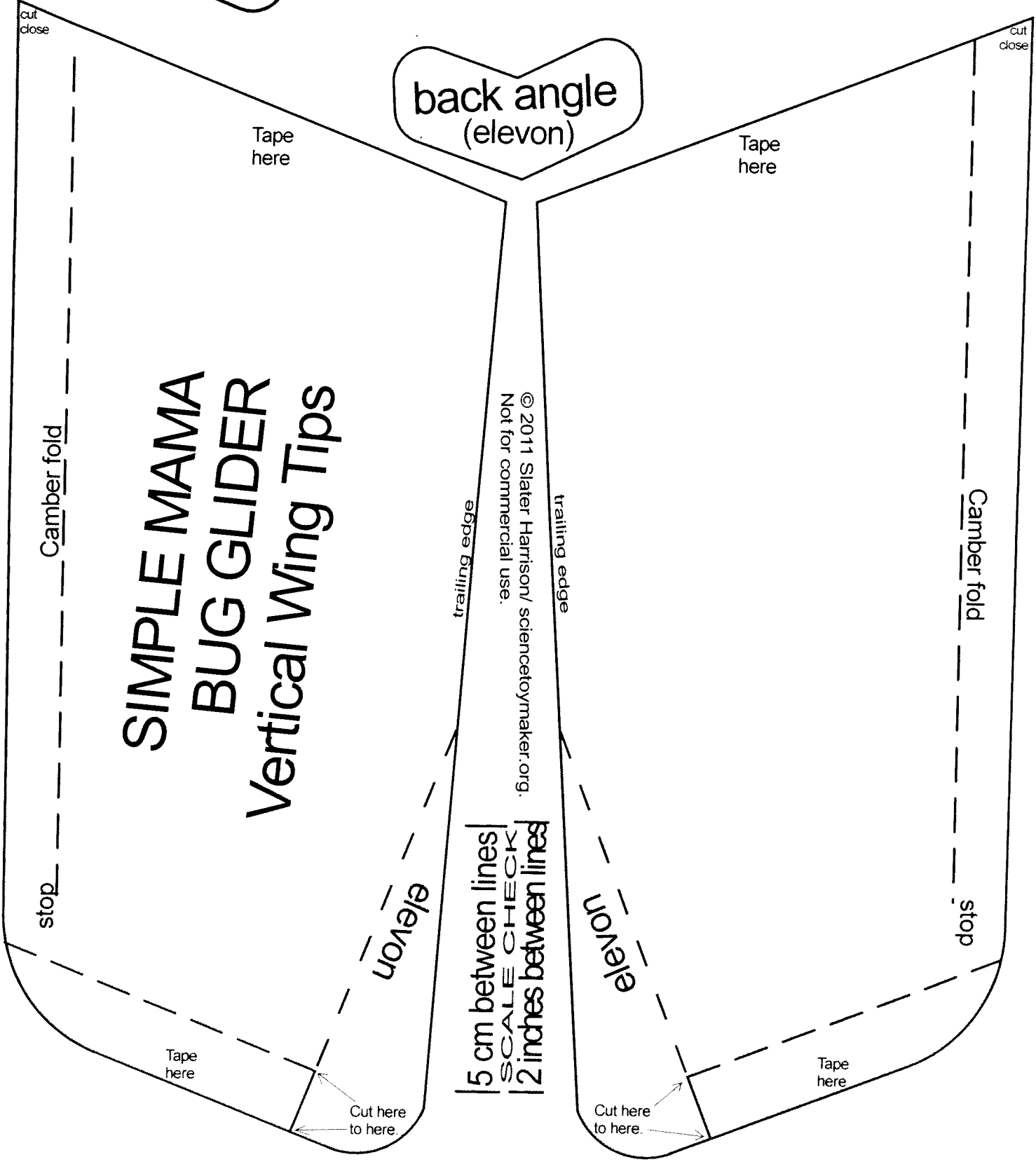


SIMPLE MAMA BUG with vertical wing tips (NOT FOR A4 PAPER)
Instructional video, detailed text information and links to more patterns at sciencetoymaker.org Look for the air surfing section.

You should use .7 mm foam for the Mama Bug, not the thinner .5 mm foam used for the smaller gliders. The Mama Bug is more efficient than smaller gliders (even with thicker foam) but it's a little more advanced, so I think you should build and fly a Baby Bug first. This version has vertical flaps on the wing tips for better turning. You can also retrofit the vertical tips, cutting and folding them into an existing glider. There is another pattern at sciencetoymaker.org for A4 printers (takes 2 sheets). Select NO SCALING when printing

Front Angle
(camber)

back angle
(elevon)



5 cm between lines
SCALE CHECK
2 inches between lines

© 2011 Slater Harrison/ sciencetoymaker.org.
Not for commercial use.