

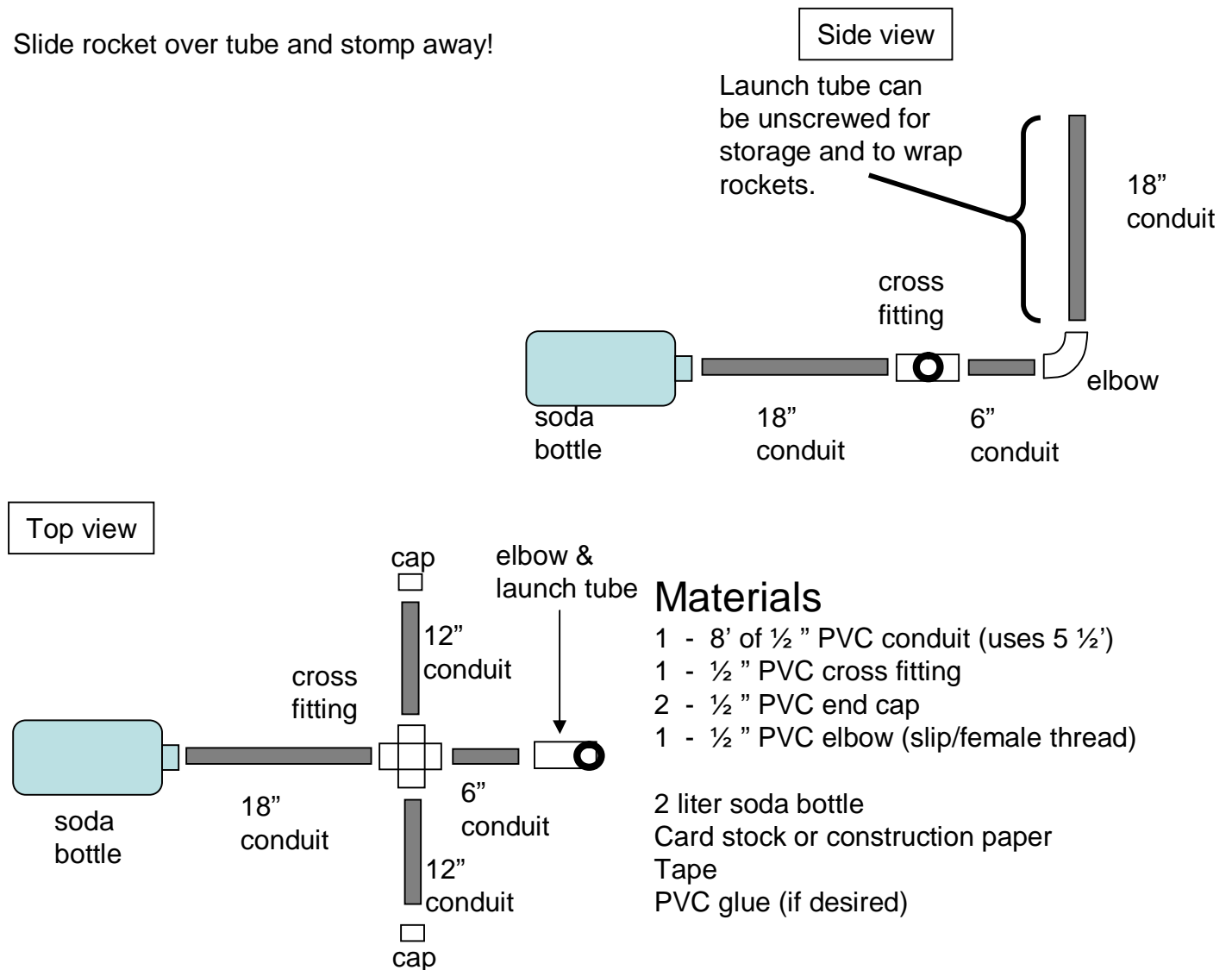
Simple stomp rocket

Assemble the parts below. Joints can be glued or simply press fit. The ½ inch PVC pipe will slip inside the neck of a soda bottle – tape for a better seal if desired or bore a closely fitting hole through the bottle cap, slip the tubing through the cap and screw the cap down to seal.

Rockets are made by loosely wrapping a half sheet (4 ¼ x 11) of card stock or construction paper around the removable launch tube and taping the seam lengthwise. Fins are added or cut into the bottom of the tube. Pinch the top shut and tape securely.

Slide rocket over tube and stomp away!

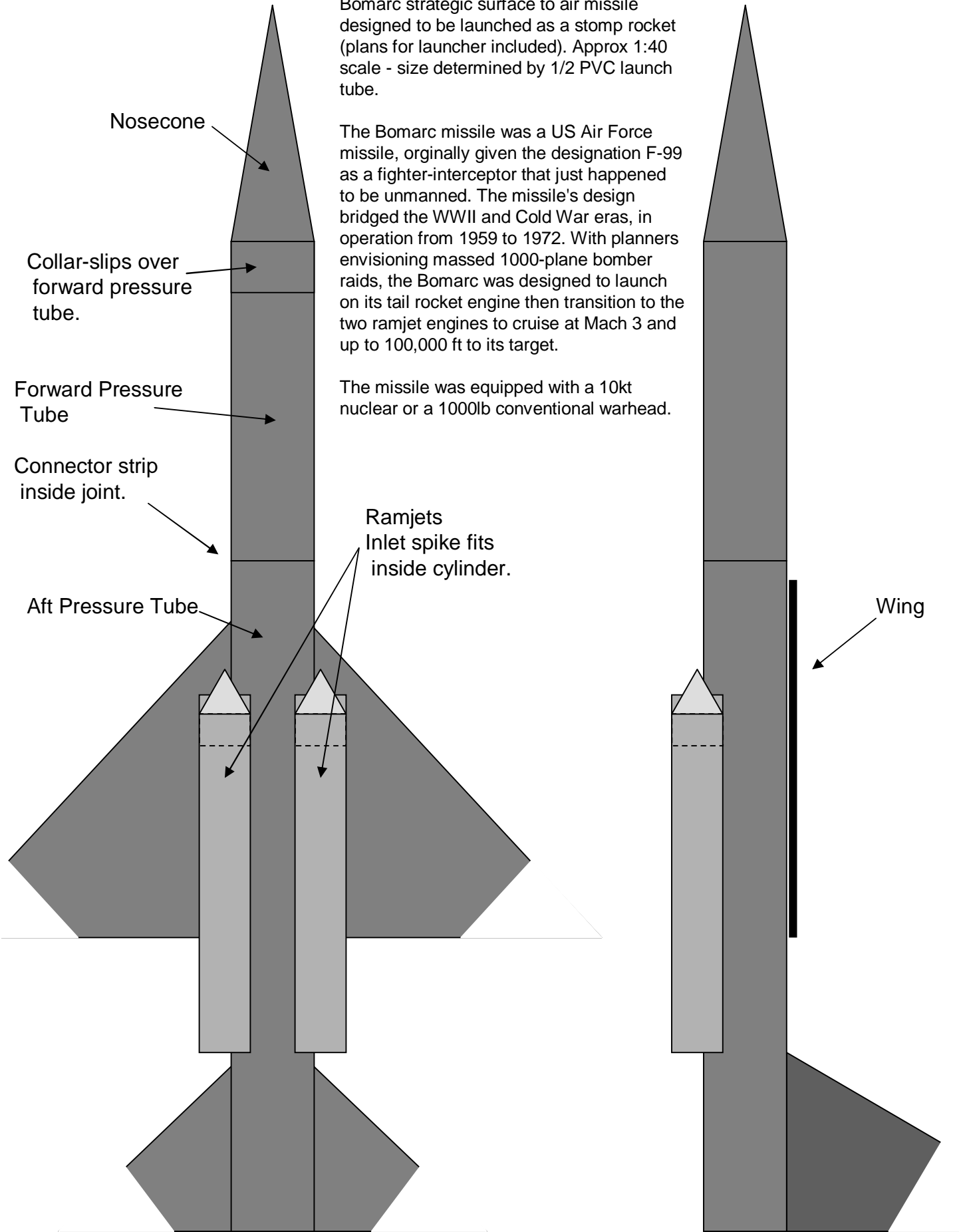
Launcher can be made from ½ or ¾ inch PVC tubing. Size rockets to fit the tubing used.



Bomarc strategic surface to air missile designed to be launched as a stomp rocket (plans for launcher included). Approx 1:40 scale - size determined by 1/2 PVC launch tube.

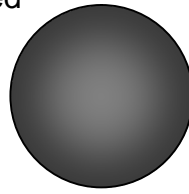
The Bomarc missile was a US Air Force missile, originally given the designation F-99 as a fighter-interceptor that just happened to be unmanned. The missile's design bridged the WWII and Cold War eras, in operation from 1959 to 1972. With planners envisioning massed 1000-plane bomber raids, the Bomarc was designed to launch on its tail rocket engine then transition to the two ramjet engines to cruise at Mach 3 and up to 100,000 ft to its target.

The missile was equipped with a 10kt nuclear or a 1000lb conventional warhead.



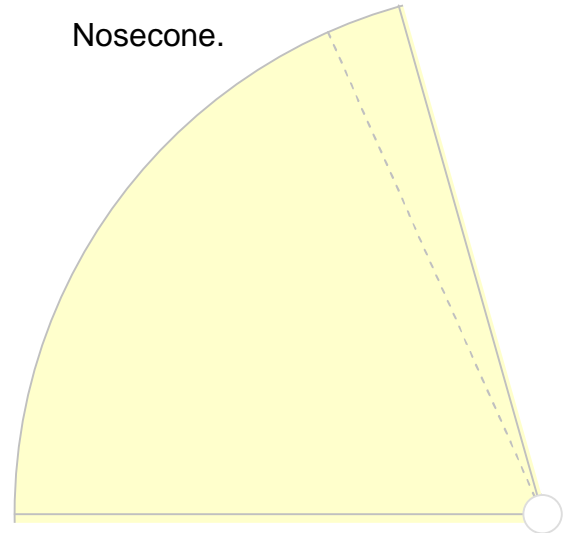
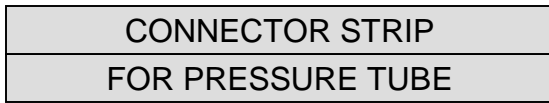
1/2 inch PVC pipe stomp rockets – Bomarc SAM

Glue over crimped top if desired



Nosecone.

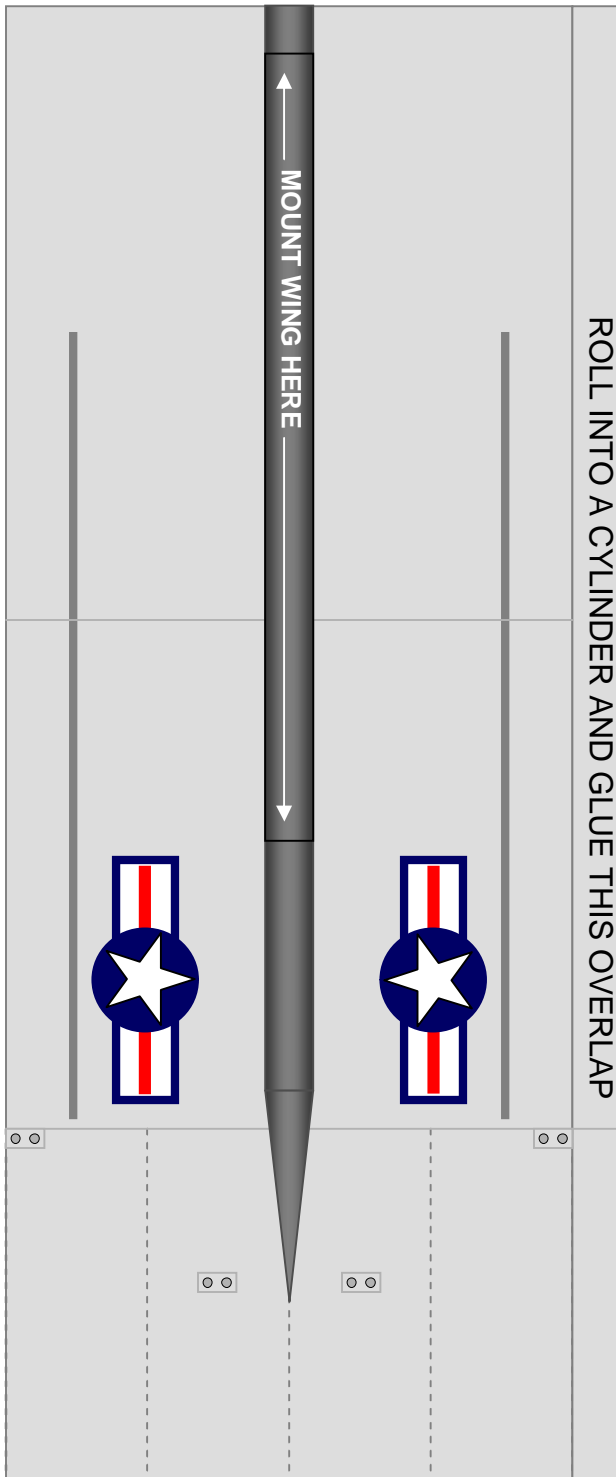
Aft Pressure tube



Glue ramjets along gray line.

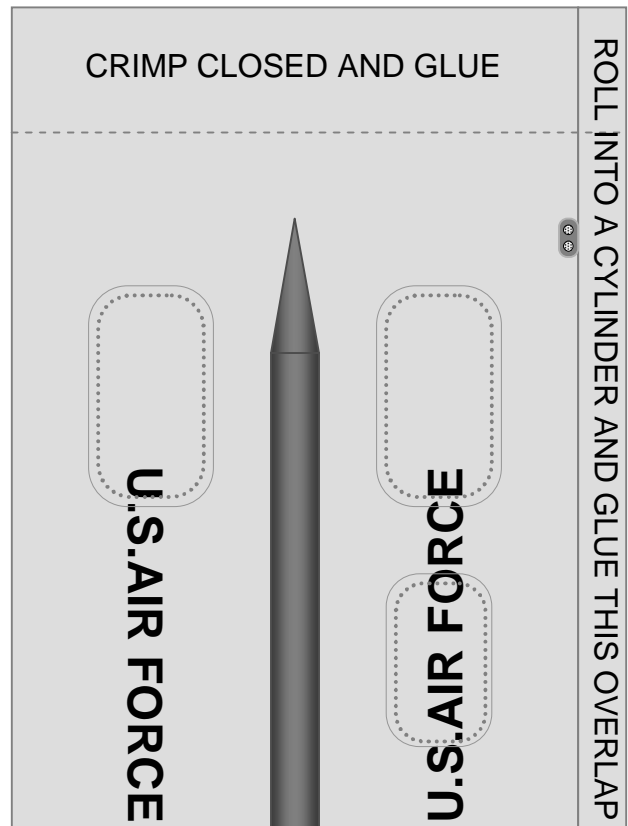


Collar – roll and glue into a cylinder, attach to bottom of nosecone, slip over pressure tube for replaceable nose.

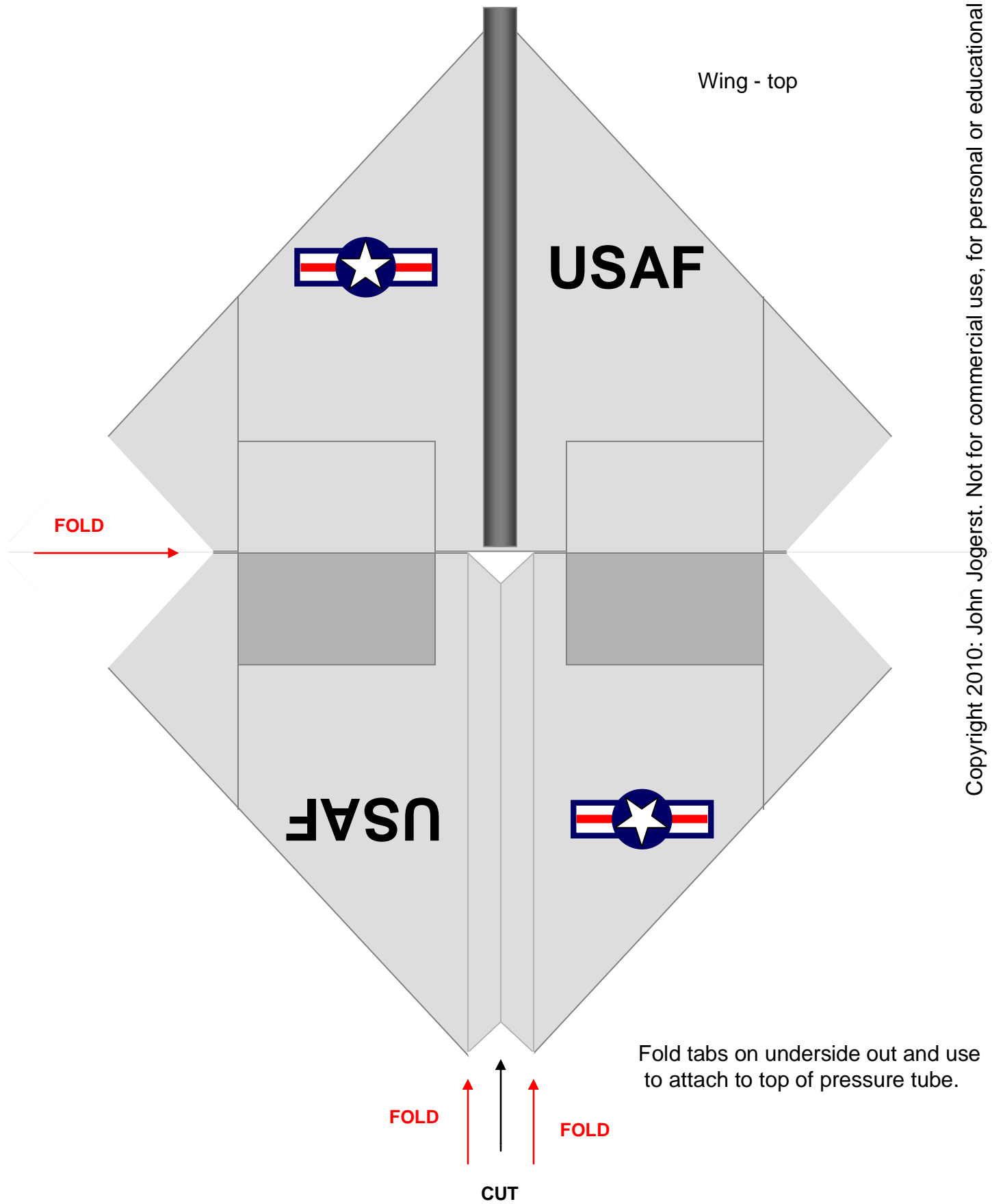


Glue tail surfaces over dotted lines.

Forward Pressure tube

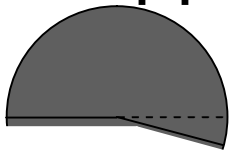


1/2 inch PVC pipe stomp rockets – Bomarc SAM



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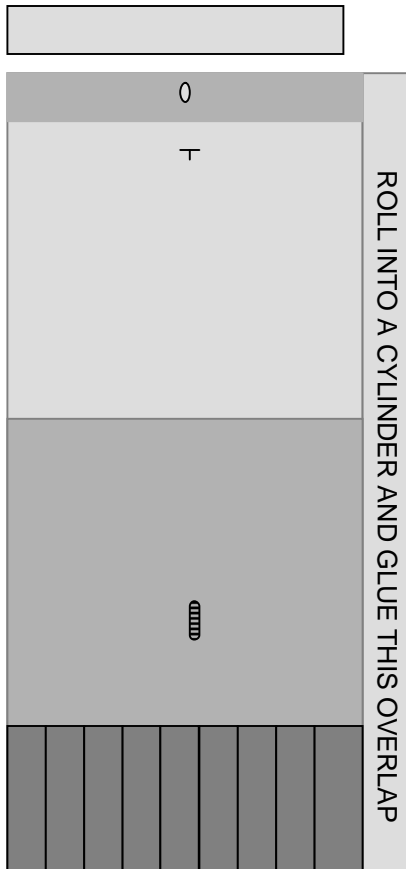
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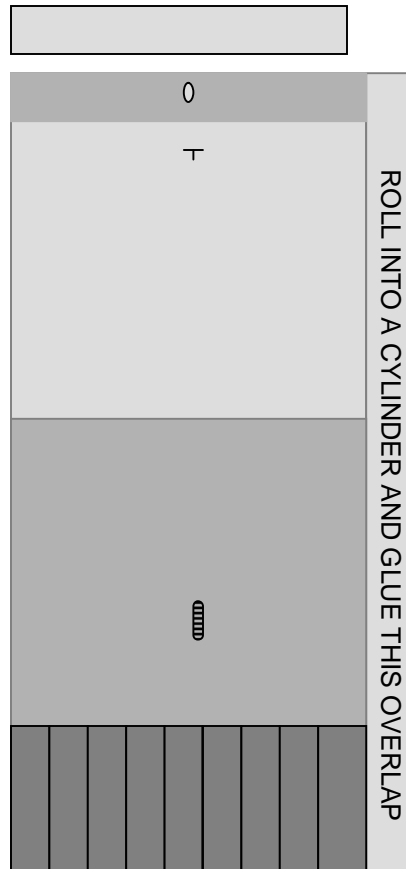
Ramjets



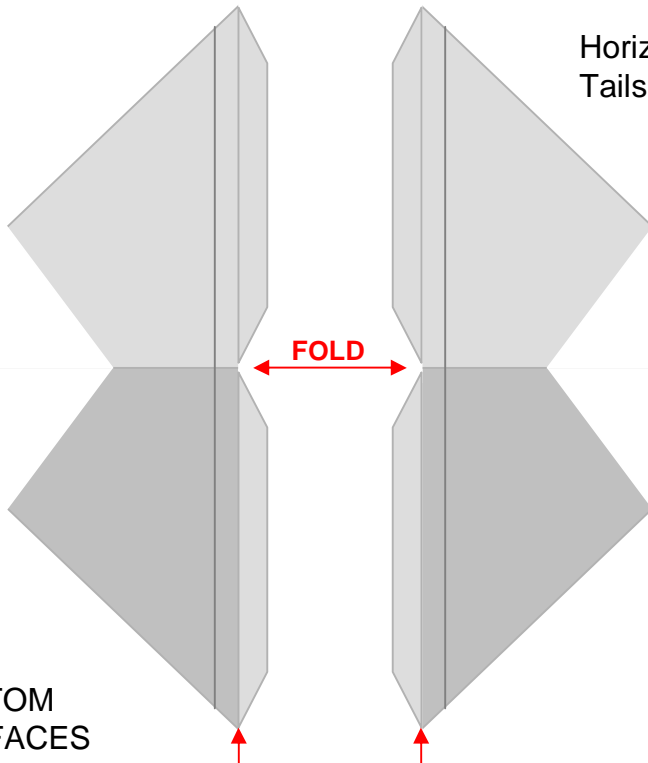
Inlet Spike
roll into a cone



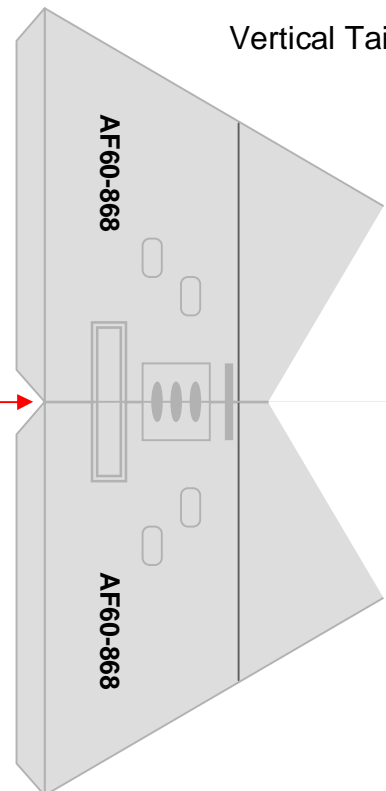
Inner Spike
Shelf



Glue inner spike shelf inside here
1/4" back from lip.



Horizontal
Tails



Vertical Tail

BOTTOM
SURFACES