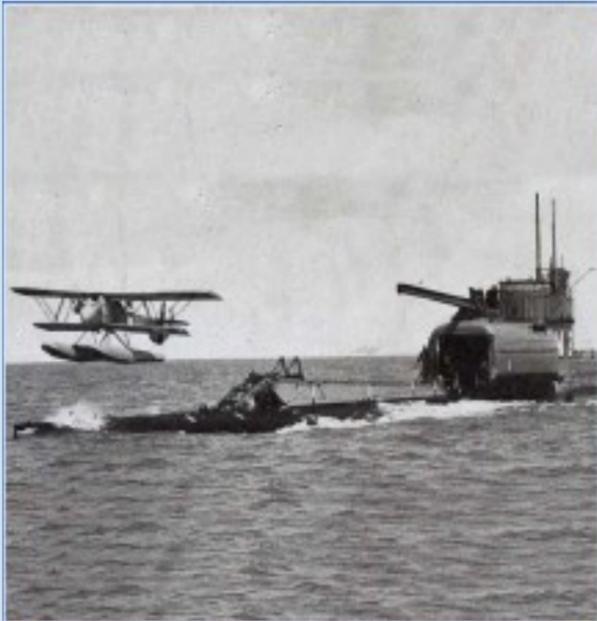


Submarine Aircraft Carriers

From WWI through WWII, several different nations experimented with submarine aircraft carriers. These are submarines equipped with fixed-wing aircraft, usually used for reconnaissance missions. The planes were typically small, and could either be attached to the deck of the submarine, or even folded up and stored inside the sub!



Challenges

Issues that prevented the planes from being widely used included the amount of time the sub would have to be exposed, and the inability of the planes to land directly on the submarine.

Try This!

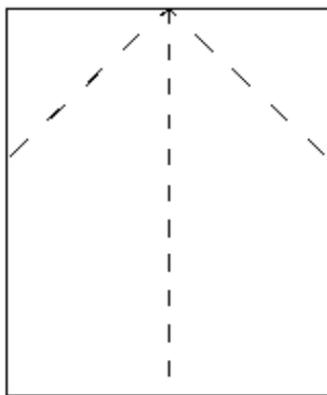
Can you build and land “The Eagle” on the deck of a submarine? What if the deck isn’t right in front of you? Can you alter your plane to control its flight direction?

Materials:

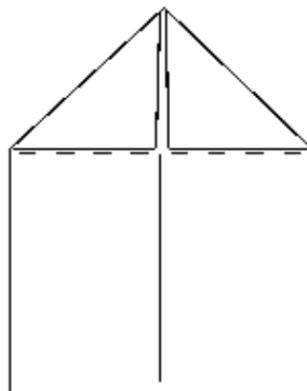
All you will need for this folding plane is a sheet of paper, and a designated landing strip!

The EAGLE

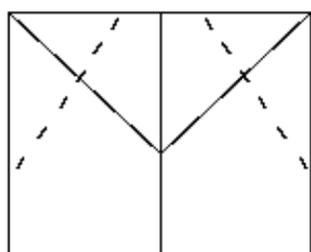
This is a very stable plane. It can fly straight with little adjustment. Try curving the elevators up or down for curves and loops



Fold an 8.5 x 11 inch sheet of paper in half lengthwise and open back up. Fold the top corners down to the center.

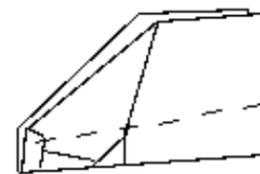
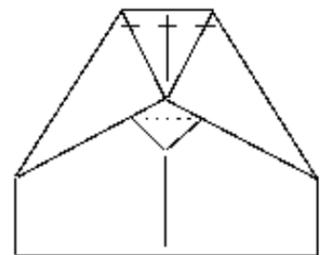


Fold the top down.

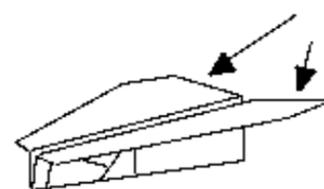


Fold the top corners in to the middle.

Fold the little point up. Fold the top 0.5 inch down. Fold the airplane in half away from you.



Fold the wings out at an angle as shown.



Bend elevators up slightly for better performance

