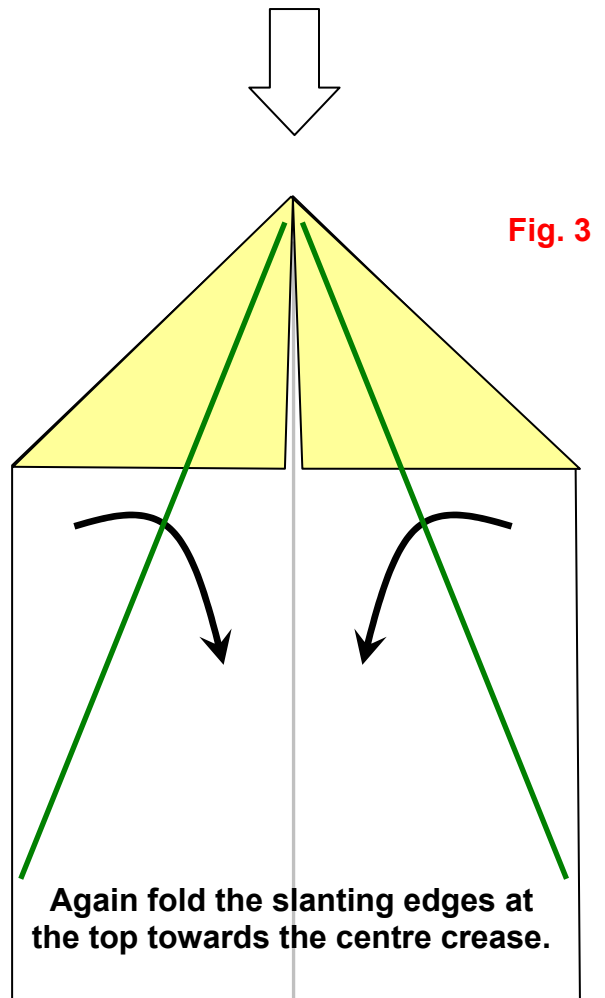
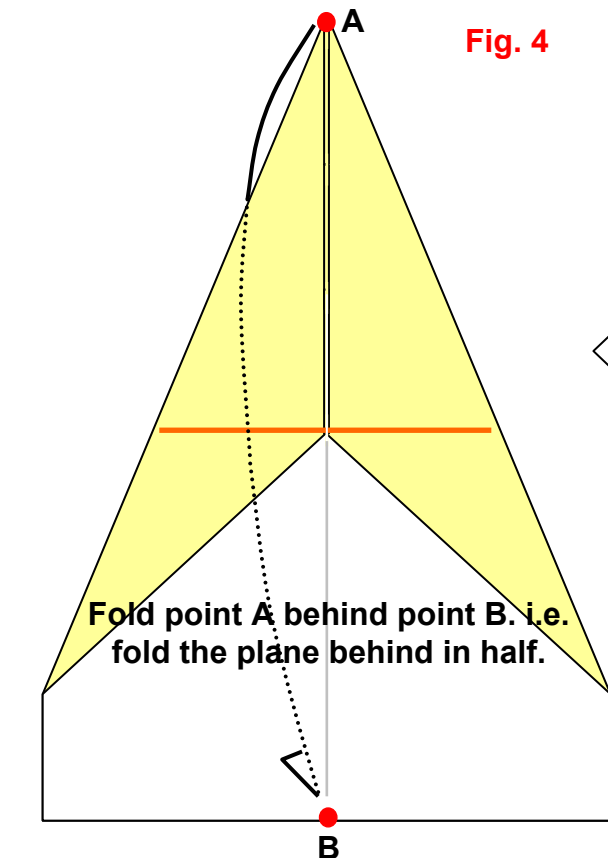
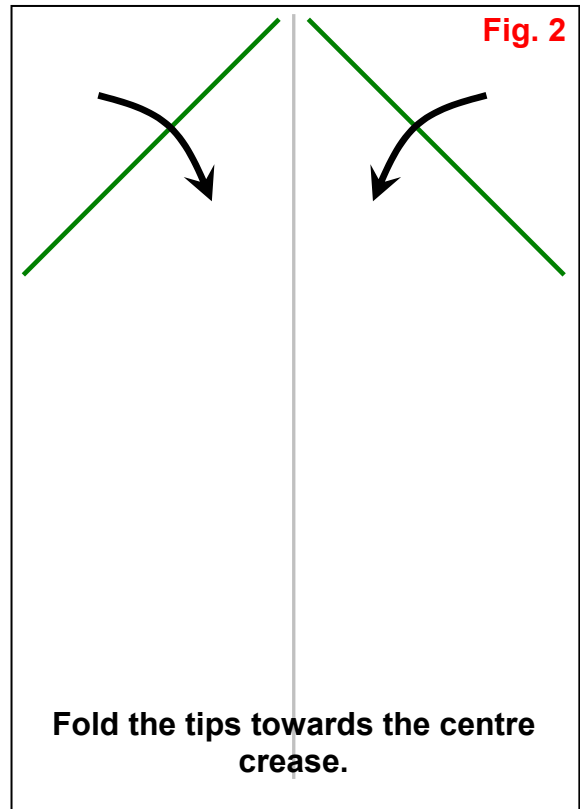
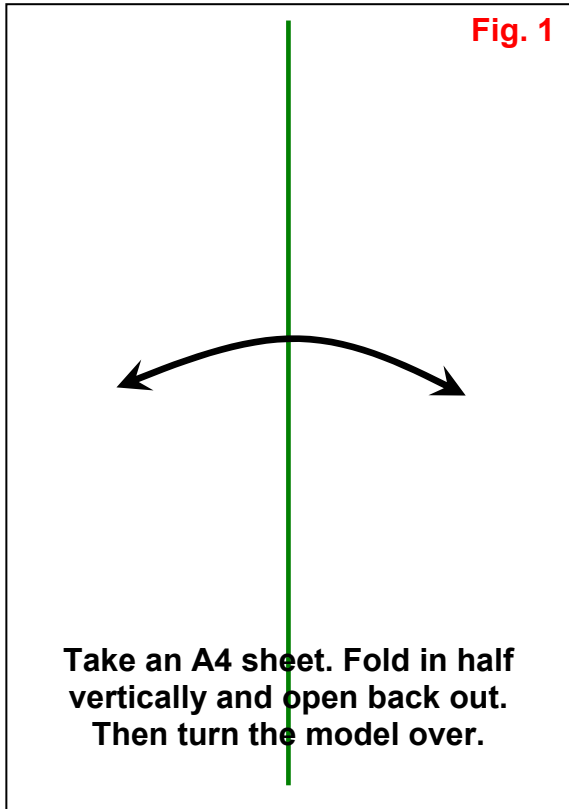
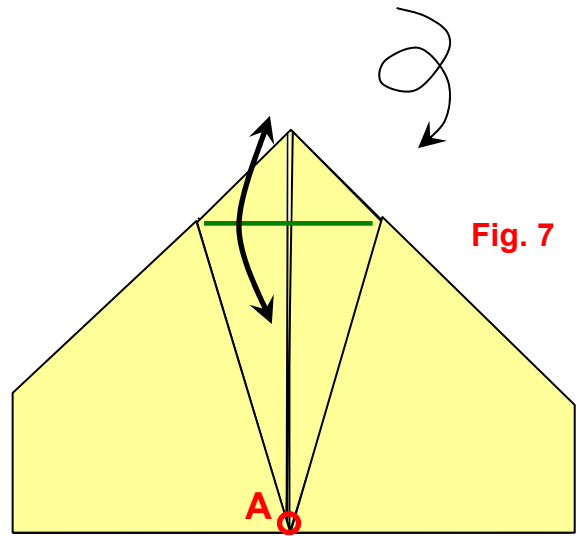
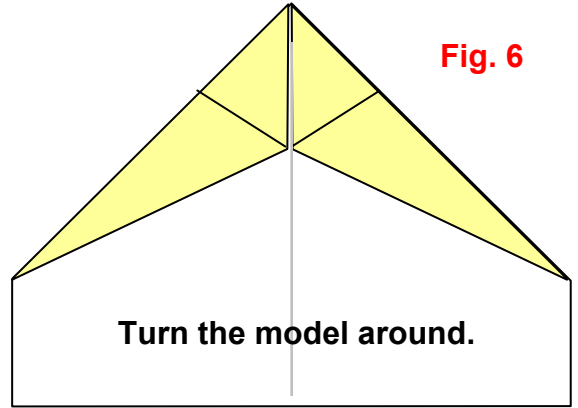
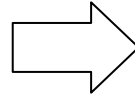
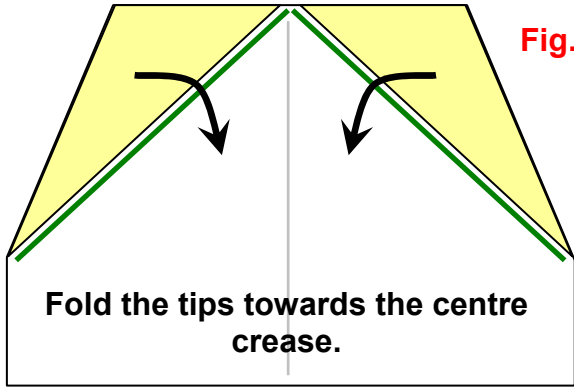
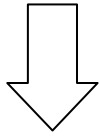
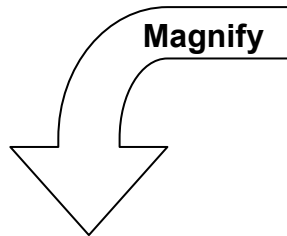


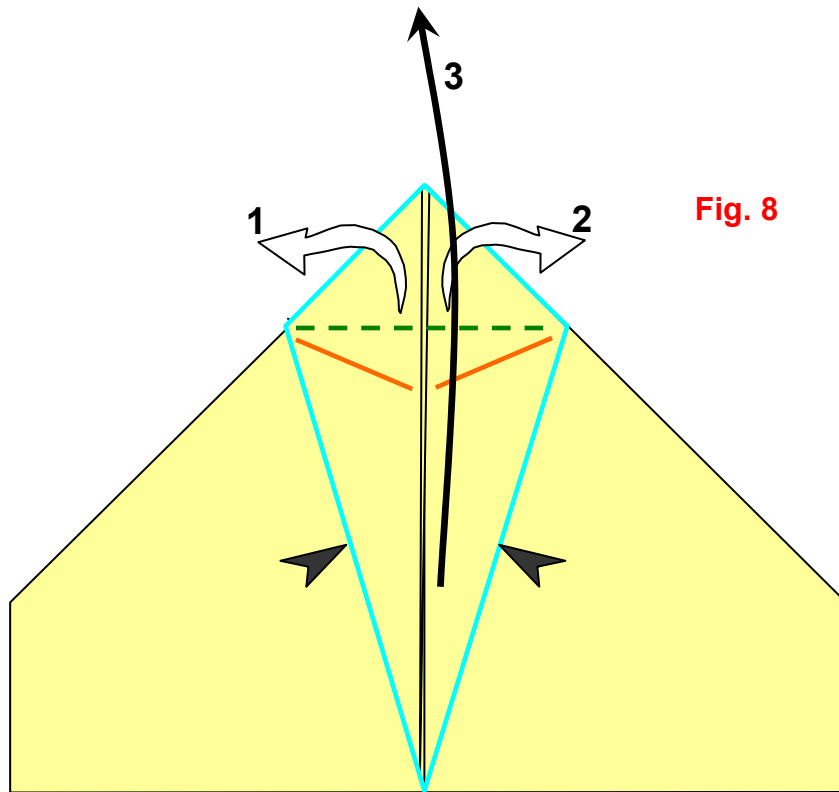
# Folding the Saayi in 9 easy steps





Fold the tip **A** upwards.  
Crease well and then unfold.

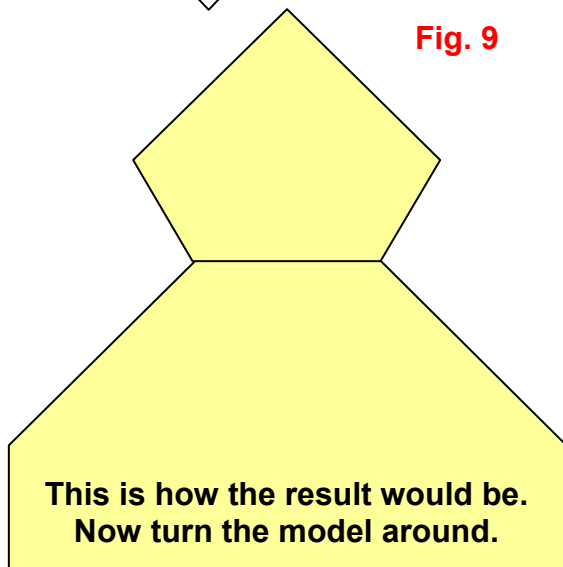




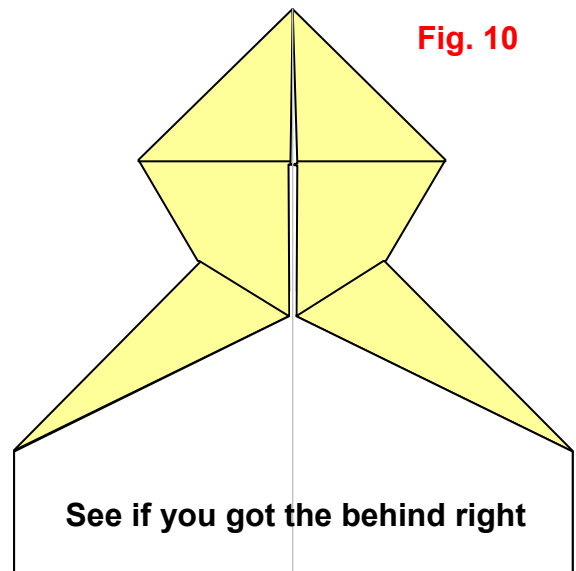
**Fig. 8**

Open flaps as indicated by the white arrows.  
 Fold '3' along the dashed-green  
 (which was created in Fig. 7).  
 Do observe the blue unfold lines.

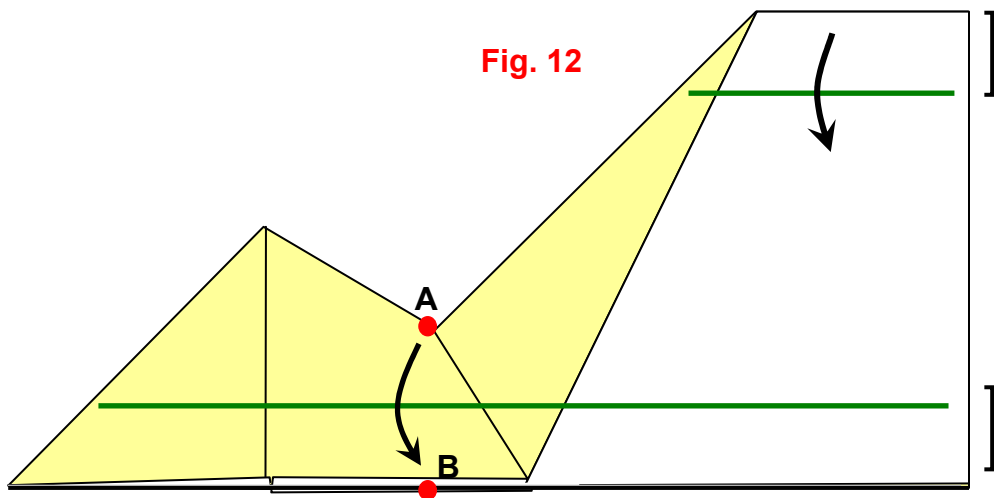
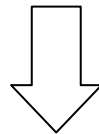
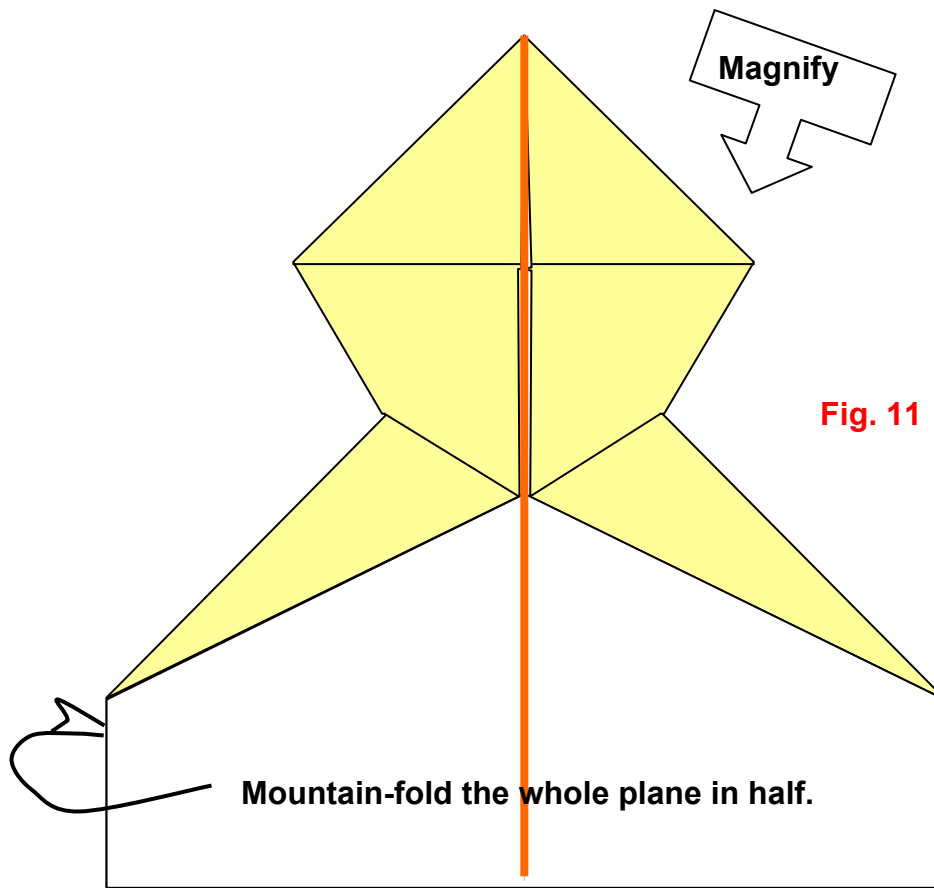
Demagnify  

**Fig. 9**

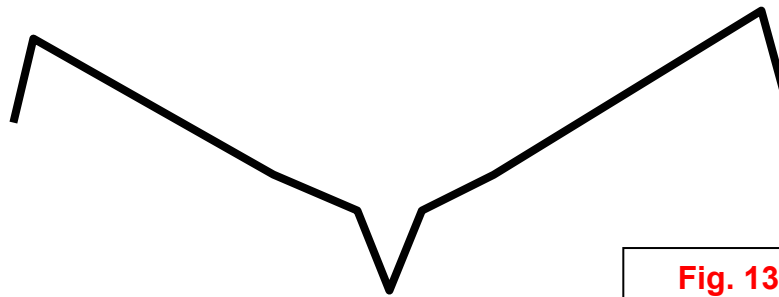
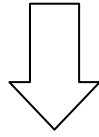


**Fig. 10**



Let us call the line AB as the waist-line. Fold the wings such that point A falls on point B i.e. the waist-line is halved. Fold the winglets of a width equal to the fuselage i.e. 2.1cm

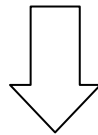
Do the same for the other wing.



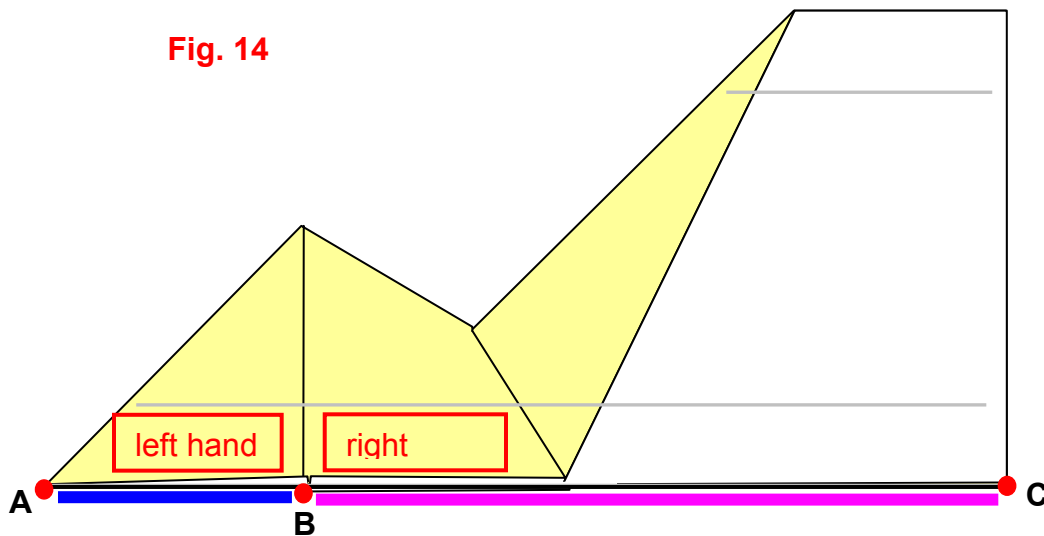
**Fig. 13**  
**Front view**

Open out the model so that the front view looks like the above. The dihedral angle is a must for good flight. Throw the plane by catching at the centre of gravity which rests on the waist-line of the model. Every time you throw the plane do not forget the dihedral angle.

You will find that the Saayi is a great glider.  
If your plane is crashing to the ground, go to the next step.



**Fig. 14**



Flatten the model as shown above.  
Note that the region of the plane AB will be represented by a blue line and the region BC by a pink line.  
Hold region AB by the left hand and region BC by your right hand at the regions indicated by the text boxes.

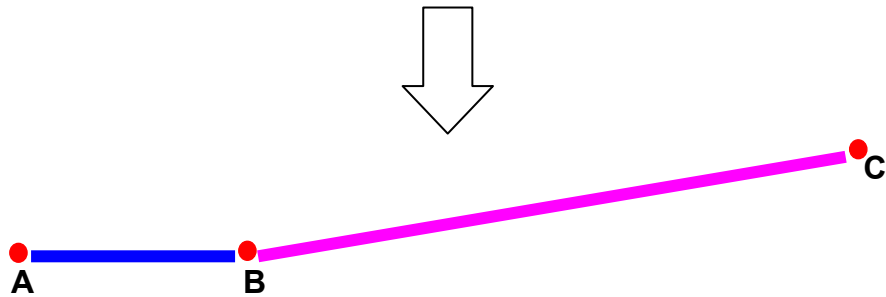


Fig. 15

### **This is the climax of Saayi.**

Notice that the region BC can be lifted relative to AB. This lift increases the angle of attack and thus induces more lift on the plane.

Lift region BC. Refold the wings and winglets. Put some dihedral and fly it. I am sure your plane did not crash to the ground. Each time you attempt to fly the Saayi, recheck the angle of BC relative to AB.

I believe this way of increasing the lift is unique and I haven't found such an option for other paper airplanes.

This is the particular advantage that Saayi has over other planes.

Any suggestions or alterations are welcome at

[ravykumar@gmail.com](mailto:ravykumar@gmail.com)

I request you to fold at least two Saayi models before coming to conclusions.

**!!!Have a nice flight!!!**