

Name: _____

Effect of Weight and Balance Record Sheet

Directions:

Fly your glider three times for each variation of weight and balance and record the position of clip from the nose in cm. Record the distance, time in the air, and if you feel the flight was successful. Calculate the average distance by adding the three numbers and dividing by 3. Then fly your plane three times and calculate the time it is in the air to the nearest second. Calculate the average time in the air.

Position of clip from nose in cm.	Distance	Time in the air	Flight Notes
Average Distance:		Average Time:	

Plane 2 Description of changes:

Distance	Time in the Air	Flight Path	Flight Notes
Average Distance:		Average Time:	

Plane 3 Description of Changes

Distance	Time in the Air	Flight Path	Flight Notes
Average Distance:		Average Time:	

Name: _____

Delta Wing Glider Record Sheet

Directions:

Determine the "weight and balance" by attaching a paper clip or binder clip to the fuselage. Vary the position of the clip with each flight until the glider flies the greatest distance in a straight line. Record the position of the clip and the distance flown.

Position of Clip	Distance Flown