

Effect of Different Angles of Attack

Directions:

Create three gliders with different wing angles. Record the wing angle for each glider. Fly each glider three times. Record the distance, time in the air, and flight path (straight line, loop, nosedive, etc) for each flight. Calculate the average distance and time by adding the three numbers for each and dividing by three.

Glider 1 Wing Angle: _____

Distance	Time in the Air	Flight Path	Flight Notes (# of paper clips)
Average Distance:		Average Time:	

Glider 2 Wing Angle: _____

Distance	Time in the Air	Flight Path	Flight Notes (# of paper clips)
Average Distance:		Average Time:	

Glider 3 Wing Angle: _____

Distance	Time in the Air	Flight Path	Flight Notes (# of paper clips)

Average Distance:	Average Time:
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