

NAME: _____ **PERIOD:** _____

ACTIVITY #11 – AIR RESISTANCE

PURPOSE:

OBSERVATIONS:

PLANE TYPE	T1	T2	T3	AVERAGE
A				
B				
C				
D				
E				
F				
G				

REPORT:

- 1) Which plane type had the best flight?**
- 2) Why did that one fly better than the others?**
- 3) What type of force is air resistance?**

4) How does air resistance affect acceleration?

5) Calculate the velocity of each falling plane.

**** $\Delta V = g \times t$ ** Remember $g = 9.8 \text{ m/s/s}$**

PLANE TYPE	VELOCITY
A	
B	
C	
D	
E	
F	
G	

CONCLUSION: