

# ASEN 2004 ROCKET LAB -- LAUNCH DATA SHEET

Data Recorded by Rachel Tyler / Dr. Clark Date / Time of launch 3/20/17

Group # TA Lab Time MW8 / MW10 / TTh2 (circle one) Launch Attempt # 1

Dry Mass 130 grams  
 Prop Mass 996 grams  
 Wet Launch Mass 1126 grams  
 Post Flight Mass 131 grams

Launch Pad: orange / plain (circle one)  
 Altimeter # TA1  
 Launch Pad Angle 45 deg (from horizon) ~~210~~  
 Bottle Pressure 39 psi

Surface Wind - Speed / Direction 0 mph from the —  
 Winds Aloft - Speed / Direction — mph from the — → not measured

Temperature 65° → estimated deg F

Distance (d) 166.7 feet (at impact) Time of Flight (1) = 2.84 sec @ 2.84 s  
 Drift Angle ( $\alpha$ ) 10 deg (to left or right?) Time of Flight (2) = 2.82 sec  
 Time of Flight (3) = 2.90 sec

Notes: \_\_\_\_\_

Aim Heading: 210° From North  
 Indicate North & Wind Direction

