

School Name	Motor Choice	Brief Description of Payload	Rocket Height	Rocket Diameter	Rocket Mass	4/28/07 Altitude/feet	Distance from 1 mile	Other Info.
Benson High School	K570	Bioaerosol Sampling with a pump and filters	87 inches	4 inches	8lbs	5,066	-214	
Boy Scout Troop 39	J135W	Solar Radiation Strength from Ground Level to 5280 feet.	96 inches	3 inches	157oz	4,300	-980	
Byron High School	K650	load cell to test strain on drogue parachute	126 inches	4 inches	15.85lbs	3,514	-1766	Altimeter malfunction. Altitude not accurate.
Covenant Christian High School	J135W	Ultraviolet Light Investigation	71.2 inches	3.1 inches	1553g	70	-5210	malfunction
Lakewood High School	J800T-0	Characteristics of trans-sonic flight	72 inches	3 inches	64oz	1,976	-3304	malfunction
Lloyd C. Bird High School	K445	Effect of vertical acceleration on rotational motion	78.3 inches	4 inches	13lbs	5,206	-74	
Madison West High School	K1100-T	Petri dishes w/ A.thaliana on MS media enclosed in multichambered capsule	108 inches	3 inches	10lbs	5,065	-215	
Plantation High School Team 1	K250	Effect of a moving medium on the propagation of sound waves	108 inches	4 inches	12.4lbs	5,532	252	
Plantation High School Team 2	K550	Measure the effect of velocity on pressure waves acting on the rocket's airframe.	85 inches	4 inches	4815g	5,383	103	
St. Andrew's Lutheran School	K550W	Fluid Dynamics (Rho): Air Density	88 inches	4 inches	15lbs	5,382	102	
Statesville Christian School	Cesaroni K1440	Reverse thrust motor for Mach Shock Reduction	62 inches	4 inches	165oz	4,032	-1248	malfunction
Warner Robins High School	J800	Doppler effect- determine velocity based off radio transmission	~ 95.8 inches	4 inches	166oz	3,779	-1501	
Weare Middle School	K1100T-18	Deploy a robot at an altitude of 183 m/record acceler/veloc/altitude & weather	76.3 inches	4 inches	5752g	4,993	-287	Recorded 14.43 seconds after liftoff
West Point/Beemer Jr.Sr. High	K975	Ideal gas law test	87 inches	5.5 inches	325oz	5,079	-201	Two altimeters, 5079 is an average of the two. 5063 and 5094 were the two readings.
Yough High School	K560	Maple tree seed pod simulators ( crepe paper whirly birds)	108 inches	4 inches	10121g	??		Parachutes didn't deploy, altimeter batteries dislodged in crash. Unable to read altitude