

Institution	Length (in)	Diameter (in)	Weight (lb)	Motor	Payload	Flight Result	Altitude Reported
Alabama A&M University	6	90	17	L850	Variance of acoustic pressure vs altitude.	Nominal	5325
Arizona State University	8	167	70	M1419	NASA SMD Sponsored Payload	Did not launch	N/A
Brigham Young University	3	53.75	6	J90	Autonomous Parafoil Guidance	Did not launch	N/A
Embry-Riddle Aeronautical University	4	90	14.75	K805	NASA SMD Sponsored Payload	Nominal	4827
Fisk University	5.5	131	25.4	L1300	NASA SMD Sponsored Payload	Nominal	3856
Florida A&M University	4	86	16	J712	NASA SMD Sponsored Payload	Did not launch	N/A
Harding University	6	110	40.2	L1222	NASA SMD Sponsored Payload	Nominal	3890
Inver Hills Community College	4	108	22	K570	NASA SMD Sponsored Payload	Nominal	5156
Iowa State University	4	84	12.5	K5333	Autonomous Parafoil Guidance	Nominal	3251
Lafayette College	5	122	45	L1300	NASA SMD Sponsored Payload	Nominal	5120
Middle Tennessee State University	6	156	60	M1600	Autonomous Rocket Glider	Did not launch	N/A
Missouri University of Science and Technology	4	117	22.5	K700	NASA SMD Sponsored Payload	Nominal	4438
Massachusetts Institute of Technology	6	132	44	L115	NASA SMD via Autonomous Glider	Nominal	4567
Mississippi State University	9	96	42	M520	Study Impact Loads During Water Landing	*Level 2 Program	N/A
Mitchell Community College	143	4	20	L610	Quantify Asymmetric Forces in Flight	*Level 2 Program	N/A
North Carolina State University	9.5	174	87	M2000	NASA SMD Sponsored Payload	Nominal	3687
Northwest Indian College	4	93	16.5	K660	NASA SMD Sponsored Payload	Airframe Failure	2325
Pennsylvania State University	6	143	42	L1420	NASA SMD Sponsored Payload	Nominal	5652
Purdue University	6	148	50	L1395	NASA SMD Sponsored Payload	Nominal	5167
Shippensburg University	4	81	12	J175	NASA SMD Sponsored Payload	Nominal	3182
Tuskegee University	121	5	26	L1482	Stress Study of Vehicle in Flight	Did not launch	N/A
University of Alabama	4	105	21	K700	Study Tripped Flow Over Nosecone	Nominal	4578
University of Alabama in Huntsville	82.25	6	45	M3400	Sample Pressures Over Capsule Simulator	*Level 2 Program	N/A
University of Central Florida	4.5	97.5	22	L585	NASA SMD Sponsored Payload	Nominal	5210
University of Florida	5.5	126	26.3	L1400	NASA SMD Sponsored Payload	Nominal	4289
University of Illinois-Urbana-Champaign	4	110	20	K828	NASA SMD Sponsored Payload	Nominal	5151
University of Michigan	4	73	8.3	J380	Deployable CANSAT Payload	Nominal	4650
University of South Alabama	4	82	11	K630	NASA SMD Sponsored Payload	Nominal	4313
University of North Dakota	5.5	85	15	L850	NASA SMD Sponsored Payload	Nominal	4023
University of Washington	6	155	35	L850	NASA SMD Sponsored Payload	Did not launch	N/A
Utah State University	5.5	89	27.5	L730	Impulse augmented via cold gas injection	Nominal	5465
Vanderbilt University	6	124	59	M650	Waste Heat Conversion	Nominal	4644
Windward Community College	6	121	45	L1300	Attitude Determination w/ Magnetic Field	Blown nozzle on pad	100

Institution	Length (in)	Diameter (in)	Weight (lb)	Motor	Payload	Flight Result	Altitude Reported (ft.)
AIAA Orange County Section	84	4	18	K635	Study latency of hard drive under thrust	Nominal	5572
Clear Lake High School	86	4	15.5	K500	Study temperature in vortex tube	Did not launch	
Federation of Galaxy Explorers	82	4	10	J760	Determine cause of pressure spikes	Nominal	Not Reported
Goshen High School	86	4	19	K805	Measure UV radiation vs altitude	Nominal	4137
Hart County 4H – Team Alpha	108	4	16	K570	Track infestation w/ IR sensor	Nominal	5137
Hart County 4H – Team Noble	108	4	15	K570	Determine high G on Monarch life cycle	Nominal	4772
Ingraham High School – Team Adams	83	2.2	4.5	I242	Study solidification of Fields metal	Did not fly	N/A
Ingraham High School – Team Olympus	101	4	13	J800	Radiation measurement during descent	Nominal	3807
Krueger High School	81	4	18	K570	Directly measure G-forces on ascent	Nominal	6654
Madison West High School – Team Bamboo	180	3	30	J800/J129 9	Study bamboo response to high G loads	Nominal	4497
Madison West High School – Team Slime Molds	111	4	22	K1075	Study of mold response to high G loads	Nominal	4541
Plantation High School New Team	96	4	15	K805	Use HD video to search for invasive plants	Nominal	4426
Plantation High School Returning Team	84	4	12	K550	Study tripped flow over dimpled nosecone	Nominal	Not Reported
Presidio High School Team 1	112	6	23	K350	Study DNA of Ocotillo after flight	Nominal	3411
Presidio High School Team 2	128.5	6	26	K350	Study Cell Fusion after high G flight	Nominal	2567
Rockwall-Heath High School	116	4	22	K828	Measure efficiency of solar panel	Nominal	5264
Star Splitters 4H	87	4	17	K550	Monitor effects of flight on blood sample	Nominal	5143