

Measured Data			Derived Data							
Barometric				Vertical Speed	Altitude					Barometric
Altitude	Acceleration	Time	Event	(1st Integral)	(2nd Integral)	Mass	Acc.	Thrust	speed	
(ft)	(ft/s/s)	(sec)	Frame	(ft/sec)	(ft)	(lbs)	(g)	(lbs)	(ft/sec)	
849.09	5.3	0.063		-4	0.33	0	36.93	0.16	6	
842.10	183.8	0.125		-2	11.82	1	36.85	5.72	211	-111.86
856.08	447.9	0.188		0	39.81	3	36.78	13.93	512	223.75
856.08	507.1	0.250	Launch	1	71.50	8	36.70	15.77	579	0.00
856.08	477.5	0.313		3	101.35	14	36.63	14.85	544	0.00
870.07	454.2	0.375		5	129.74	22	36.55	14.13	516	223.84
877.07	445.8	0.438		7	157.60	32	36.48	13.87	506	111.96
891.07	437.3	0.500		9	184.93	44	36.40	13.60	495	223.98
905.08	434.2	0.563		11	212.07	57	36.33	13.50	491	224.08
926.09	428.9	0.625		13	238.87	72	36.25	13.34	484	336.29
947.13	433.1	0.688		15	265.94	88	36.18	13.47	487	336.51
968.17	434.2	0.750		16	293.08	107	36.10	13.50	488	336.72
1003.28	426.8	0.813		18	319.75	127	36.03	13.27	478	561.68
1045.45	400.4	0.875		20	344.77	148	35.95	12.45	448	674.80
1087.68	390.9	0.938		22	369.20	171	35.88	12.16	436	675.66
1151.12	382.4	1.000		24	393.10	196	35.80	11.89	426	1015.11
1228.83	379.2	1.063		26	416.81	222	35.73	11.80	421	1243.34
1335.09	377.1	1.125		28	440.38	249	35.65	11.73	418	1700.18
1470.18	375.0	1.188		30	463.81	278	35.58	11.66	415	2161.43
1627.30	364.4	1.250		31	486.59	309	35.51	11.34	402	2513.81
1777.97	354.9	1.313		33	508.78	341	35.43	11.04	391	2410.76
1907.67	313.7	1.375		35	528.38	374	35.36	9.76	345	2075.18
1987.18	230.3	1.438		37	542.78	408	35.28	7.16	253	1272.20
2008.90	241.9	1.500		39	557.90	442	35.21	7.52	265	347.50
1979.94	257.8	1.563		41	574.01	478	35.13	8.02	282	-463.28
1907.67	277.8	1.625		43	591.37	515	35.06	8.64	303	-1156.42
1828.35	320.1	1.688		45	611.38	553	34.98	9.96	348	-1269.14
1749.22	356.0	1.750		46	633.63	593	34.91	11.07	387	-1266.09
1698.96	345.4	1.813		48	655.22	634	34.83	10.74	374	-804.11
1670.27	313.7	1.875		50	674.82	676	34.76	9.76	339	-458.94
1670.27	313.7	1.938		52	694.43	720	34.68	9.76	338	0.00
1670.27	354.9	2.000		54	716.62	764	34.61	11.04	382	0.00
1663.11	350.7	2.063		56	738.54	811	34.53	10.91	377	-114.67
1634.45	356.0	2.125		58	760.79	858	34.46	11.07	382	-458.44
1598.67	386.6	2.188		60	784.95	907	34.38	12.03	413	-572.50
1562.93	384.5	2.250		61	808.98	958	34.31	11.96	410	-571.88
1527.23	375.0	2.313		63	832.42	1010	34.23	11.66	399	-571.26
1512.96	381.4	2.375		65	856.26	1063	34.16	11.86	405	-228.33