

Flight Information: mc2 v2.5

Flight ID: FLT:14

Rocket Name: Big Green Crayon

Launch Site: Black Rock NV

Motor(s) Used: M1419

Notes: Soka University Tokyo . The flight was successful but the rover lost power

Flight Date: Sep 18, 2008

Length: 102 inches

Max. Diameter: 6 inches

Weight at Liftoff: 45 lbs

Flight Summary

Maximum Airspeed 934.97 f/sec	Maximum Airspeed 0.85 Mach
Maximum Acceleration 258.46 f/sec/sec	Maximum Acceleration 8.03 G
Altitude of Maximum Airspeed 2801.29 f	Altitude of Maximum Acceleration 409.94 f
Maximum Barometric Altitude: 9437.81 f	Maximum Integrated Altitude: 11341.24 f
Time to Apogee: 26.82 sec	Flight Time: 95.33 sec
Time to Booster Burnout: 5.24 sec	Altitude at Booster Burnout 2829.62 f
Time to Booster Burnout: 5.24 sec	Altitude at 2nd Stage Burnout 11325.44 f

Descent Rate:-24.57 f/sec

Recorded Maximum Altitude:9439 f

Recorded Maximum Acceleration:376.47 f/sec/sec Recorded Maximum Airspeed:904.53 f/sec

Flight Configuration

Pyro 1 Setting: Burnout 1 + 0.0 sec.

Pyro 2 Setting: Apogee + 0.0 sec.

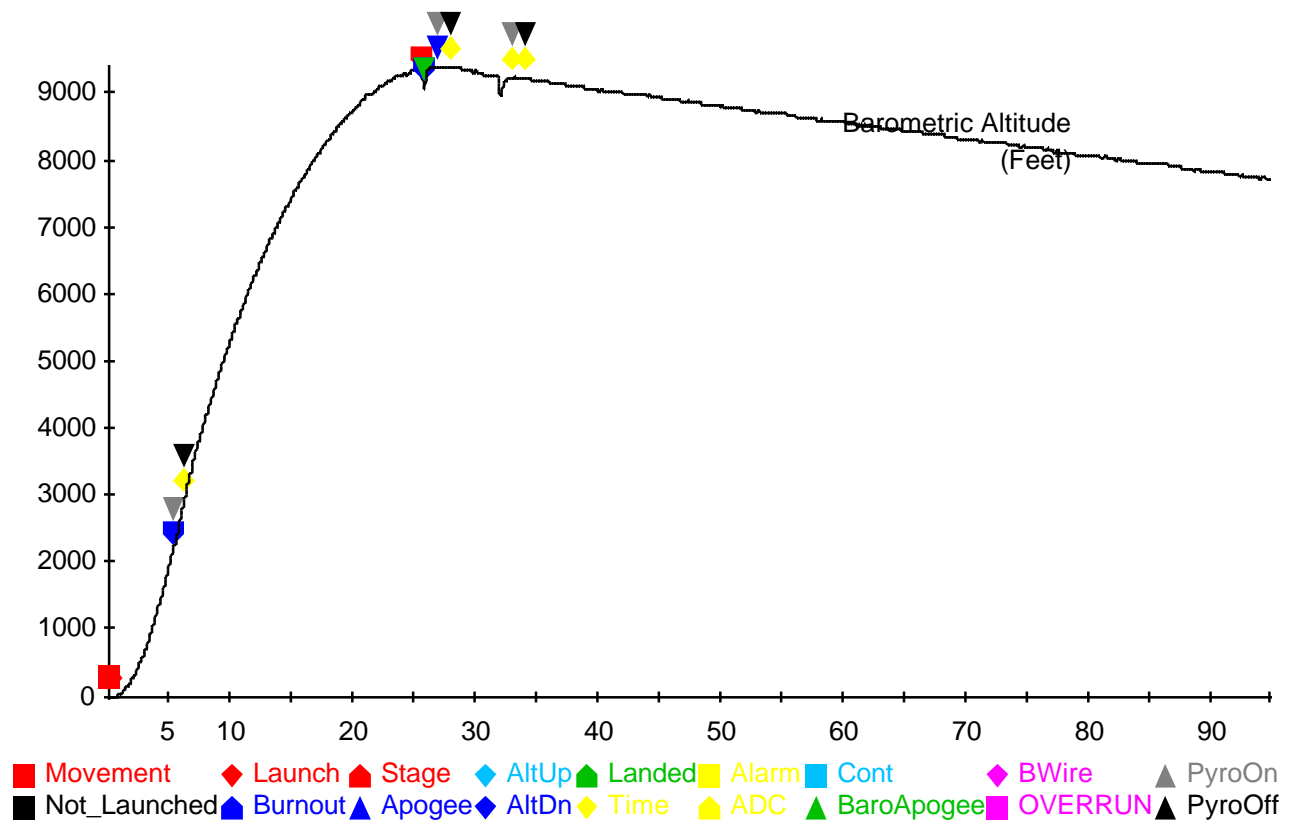
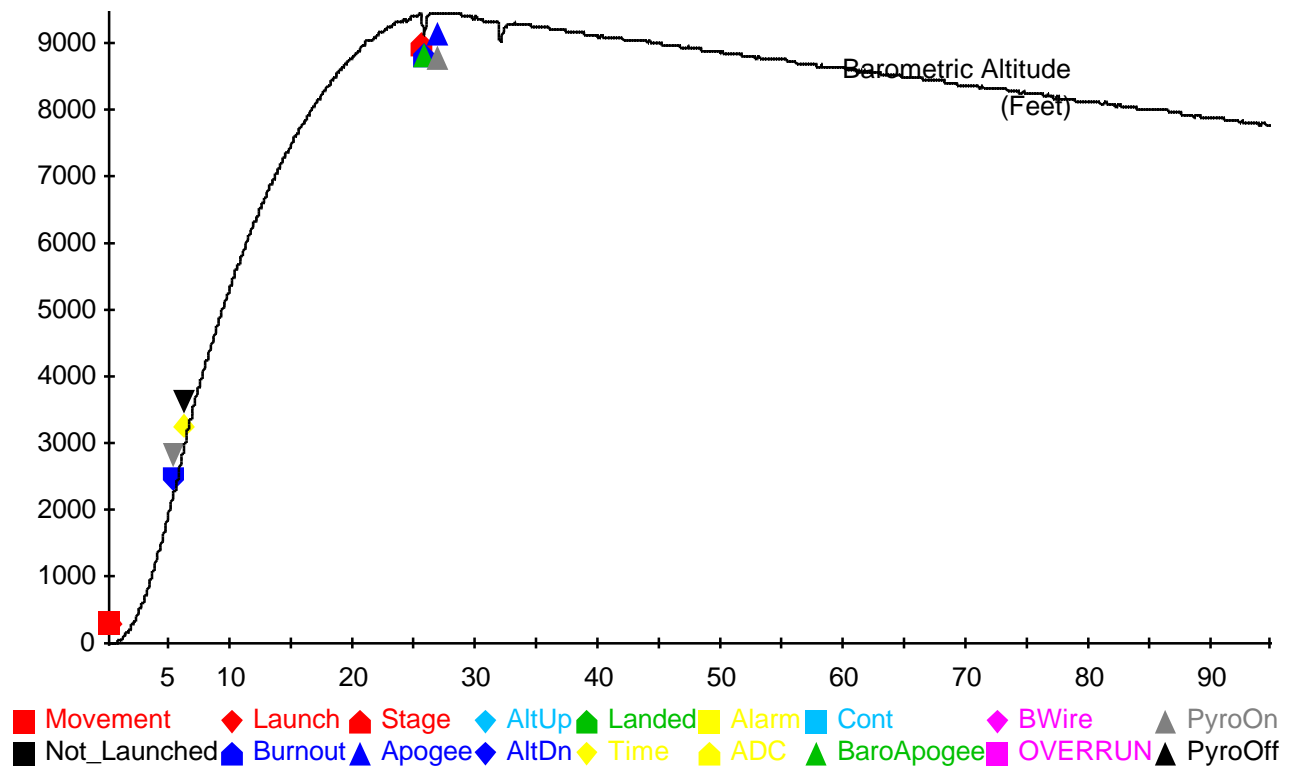
Pyro 3 Setting: Apogee + 5.952 sec.

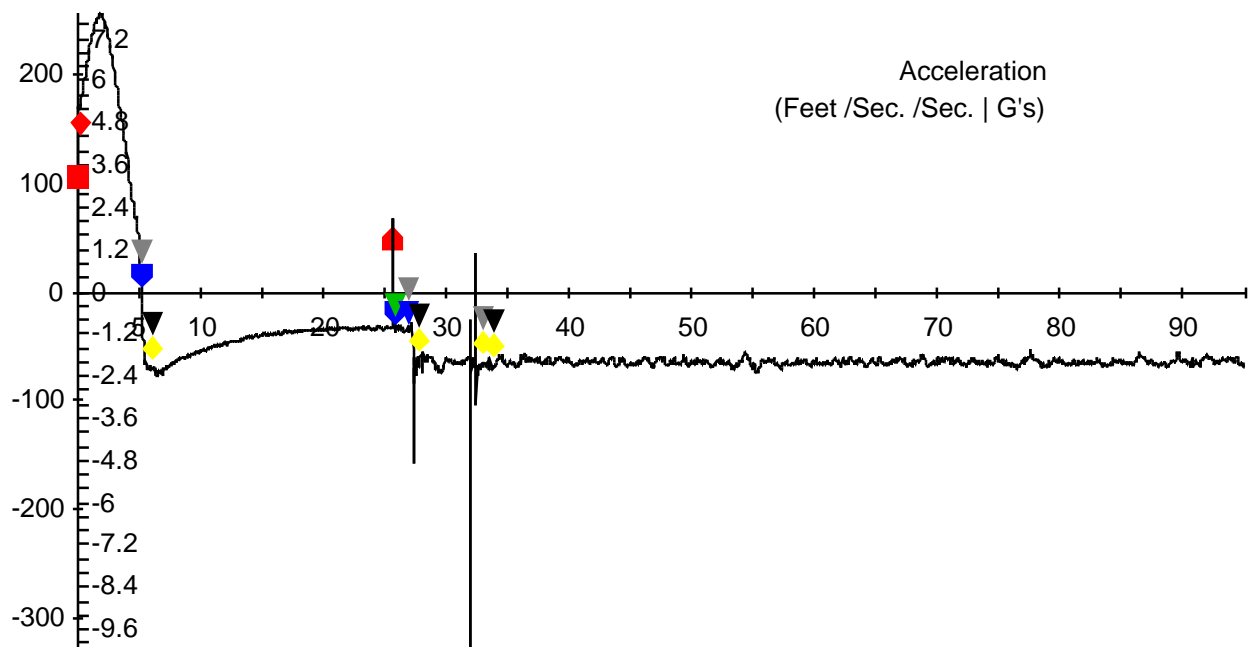
Pyro 4 On: none + 0.0 sec. Pyro 4 Off: none + 0.0 sec.

Pyro 1 Continuity: Bad Pyro 2 Continuity: Good

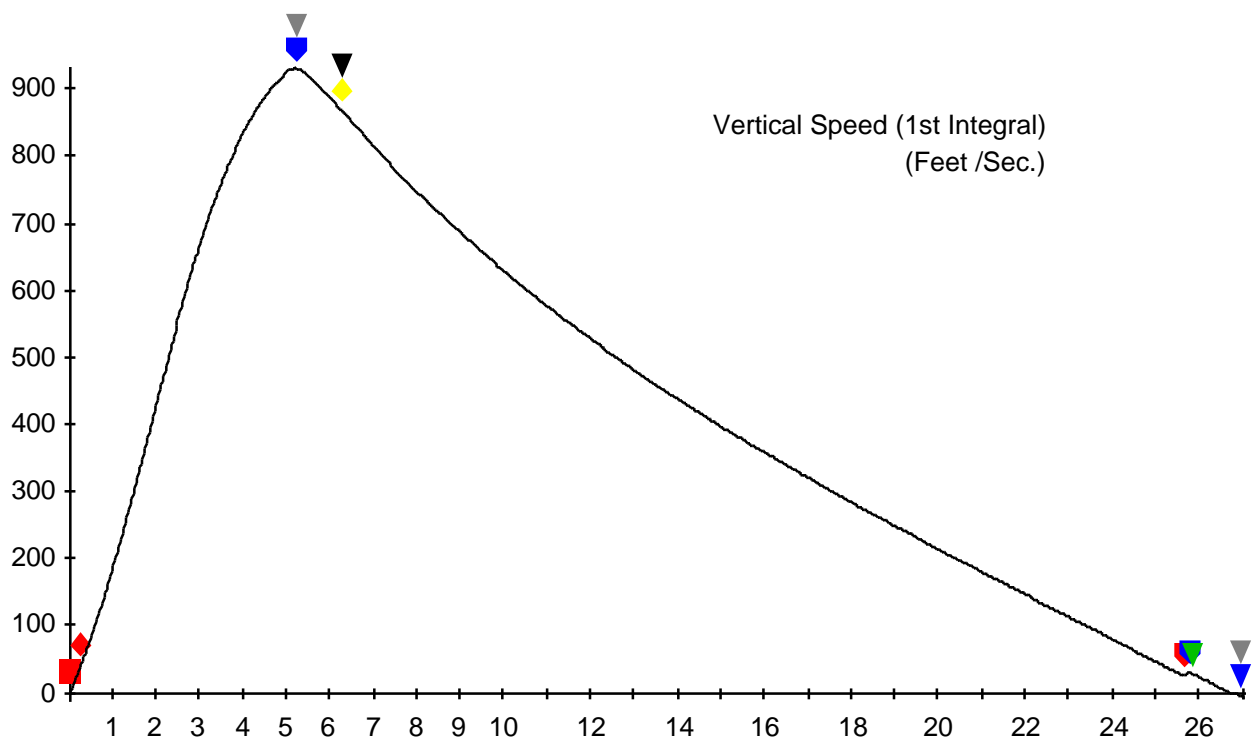
Pyro 3 Continuity: Bad Pyro 4 Continuity: Bad

Pyro Battery Value: 9.2 volts CPU Battery Value: 8.5 volts





■ Movement ◆ Launch ▲ Stage ◆ AltUp ▲ Landed ■ Alarm ■ Cont ◆ BWire ▲ PyroOn
■ Not_Launched ■ Burnout ▲ Apogee ◆ AltDn ◆ Time ■ ADC ▲ BaroApogee ■ OVERRUN ▲ PyroOff



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