

Flight Information: mc2 v2.5

Flight ID: FLT:14

Flight Date: Sep 19, 2008

Rocket Name: Big Green Crayon

Length: 102 inches

Launch Site: Black Rock NV.

Max. Diameter: 6 inches

Motor(s) Used: M1491

Weight at Liftoff: 45 lbs

Notes: Arliss flight rocket launch & recovery succesful. Student rover lost a wheel

Flight Summary

Maximum Airspeed 909.41 f/sec	Maximum Airspeed 0.82 Mach
Maximum Acceleration 273.09 f/sec/sec	Maximum Acceleration 8.49 G
Altitude of Maximum Airspeed 2969.25 f	Altitude of Maximum Acceleration 156.9 f
Maximum Barometric Altitude: 9321.8 f	Maximum Integrated Altitude: 10943.05 f
Time to Apogee: 25.64 sec	Flight Time: 442.33 sec
Time to Booster Burnout: 5.33 sec	Altitude at Booster Burnout 2996.81 f

Descent Rate:-22.27 f/sec

Recorded Maximum Altitude:9293 f

Recorded Maximum Acceleration:379.4 f/sec/sec Recorded Maximum Airspeed:879.29 f/sec

Flight Configuration

Pyro 1 Setting: Burnout 1 + 0.0 sec.

Pyro 2 Setting: Apogee + 0.0 sec.

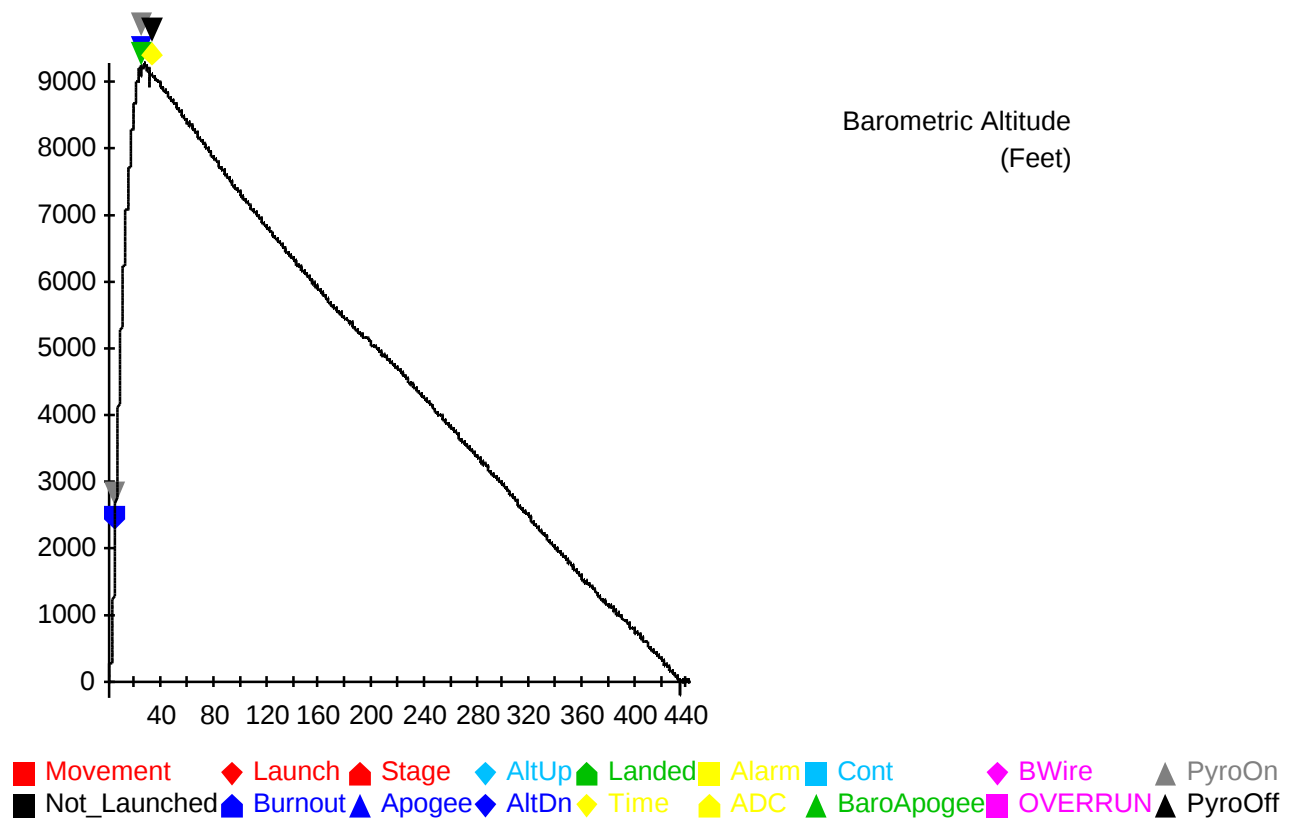
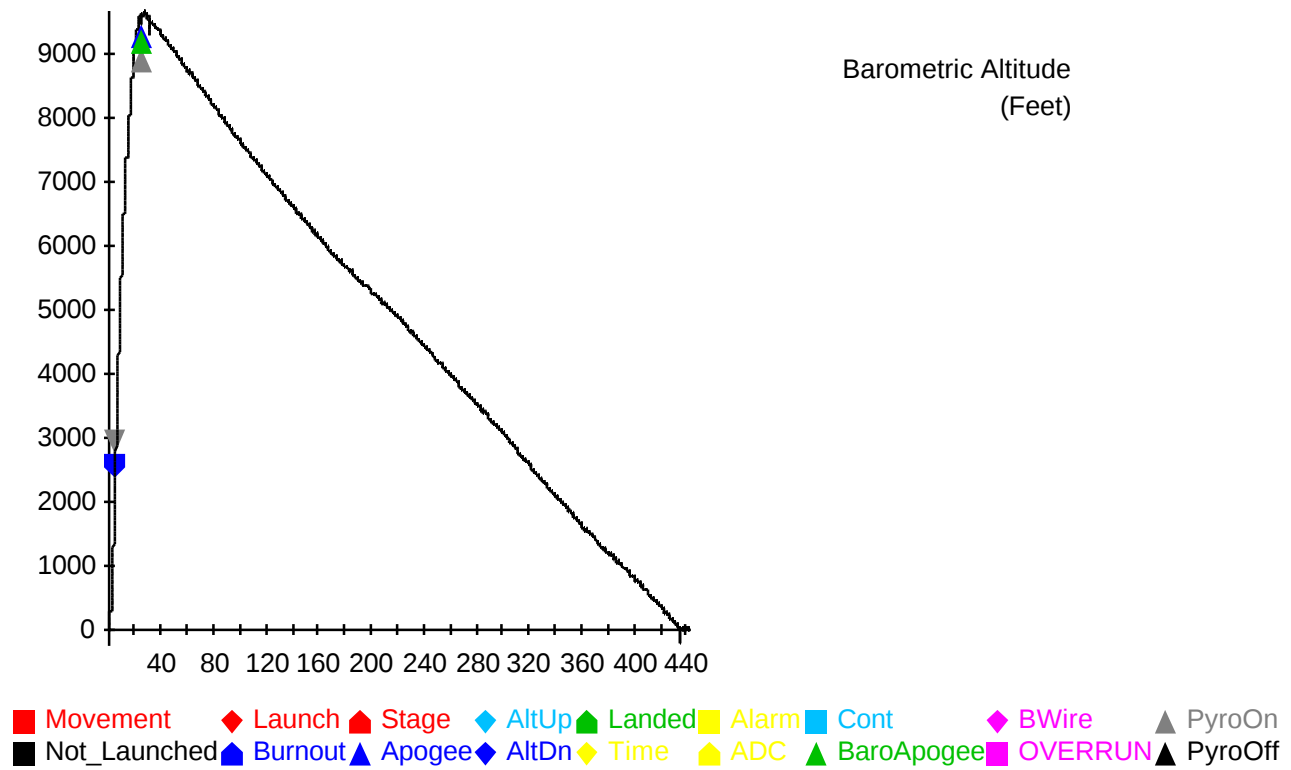
Pyro 3 Setting: Apogee + 5.952 sec.

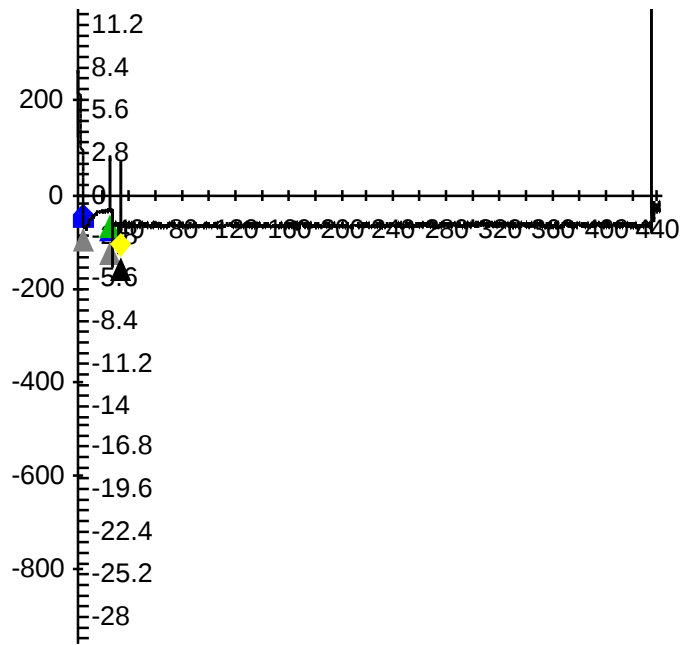
Pyro 4 On: none + 0.0 sec. Pyro 4 Off: none + 0.0 sec.

Pyro 1 Continuity: Bad Pyro 2 Continuity: Good

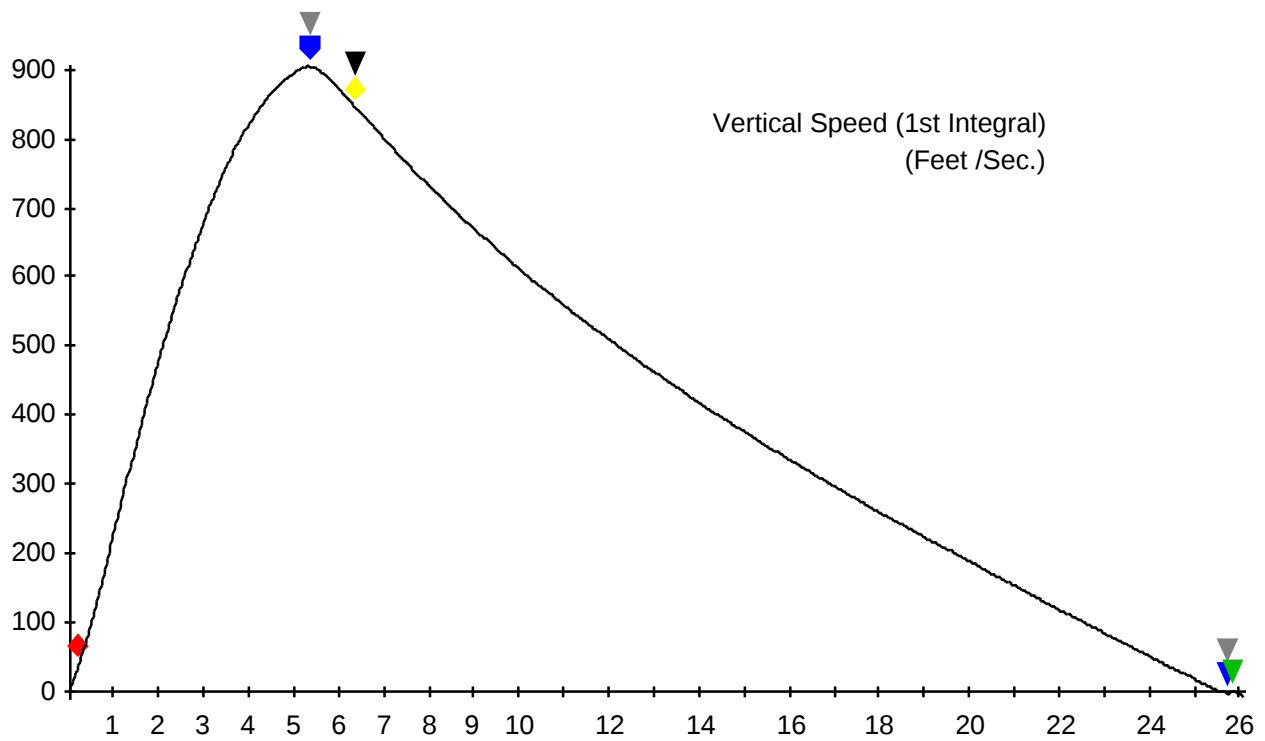
Pyro 3 Continuity: Good Pyro 4 Continuity: Bad

Pyro Battery Value: 9.1 volts CPU Battery Value: 8.8 volts





■ Movement
 ◆ Launch
 ▲ Stage
 ◆ AltUp
 ▲ Landed
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 ■ Cont
 ◆ BWire
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 ▲ Apogee
 ◆ AltDn
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