

Flight Information: mc2 v2.3

Flight ID: FLT:17

Rocket Name: Super-ARLISS 2-Stage XPRS 2008

Launch Site: Black Rock, NV

Motor(s) Used: N2000->M795

Notes:

Flight Date: Sep 20, 2008

Length: 14 feet

Max. Diameter: 14 feet

Weight at Liftoff: 105 lbs

Flight Summary

Maximum Airspeed 1386.4 f/sec	Maximum Airspeed 1.31 Mach
Maximum Acceleration 248.06 f/sec/sec	Maximum Acceleration 7.71 G
Altitude of Maximum Airspeed 14322.06 f	Altitude of Maximum Acceleration 168.29 f
Maximum Barometric Altitude: 24402.81 f	Maximum Integrated Altitude: 32934.65 f
Time to Apogee: 46.36 sec	Flight Time: 660.27 sec
Time to Mach: 12.61 sec	Altitude at Mach transition: 8797.84 f
Time to Booster Burnout: 5.42 sec	Altitude at Booster Burnout 2885.6 f
Time to Booster Burnout: 5.42 sec	Altitude at 2nd Stage Burnout 14364.08 f

Descent Rate: -30.75 f/sec

Recorded Maximum Altitude: 24309 f

Recorded Maximum Acceleration: 407.02 f/sec/sec Recorded Maximum Airspeed: 1393.45 f/sec

Flight Configuration

Pyro 1 Setting: Burnout 1 + 0.96 sec.

Pyro 2 Setting: Apogee + 0.0 sec.

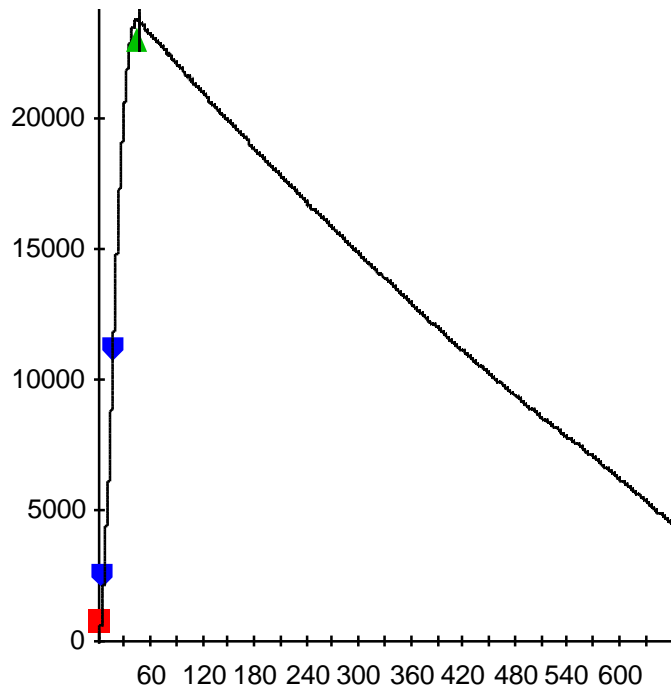
Pyro 3 Setting: Apogee + 5.952 sec.

Pyro 4 On: descend_below 1500 + 0.0 sec. Pyro 4 Off: descend_below 1500 + 11.968 sec.

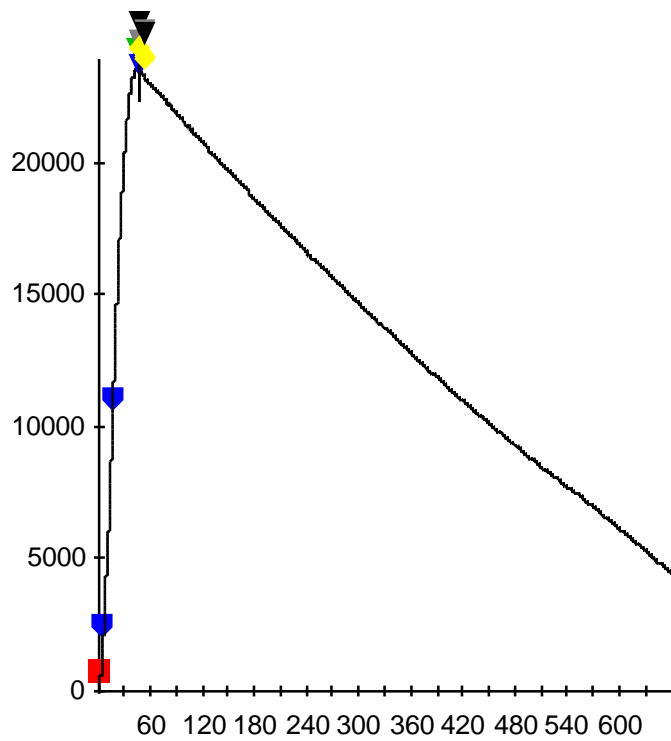
Pyro 1 Continuity: Bad Pyro 2 Continuity: Bad

Pyro 3 Continuity: Bad Pyro 4 Continuity: Good

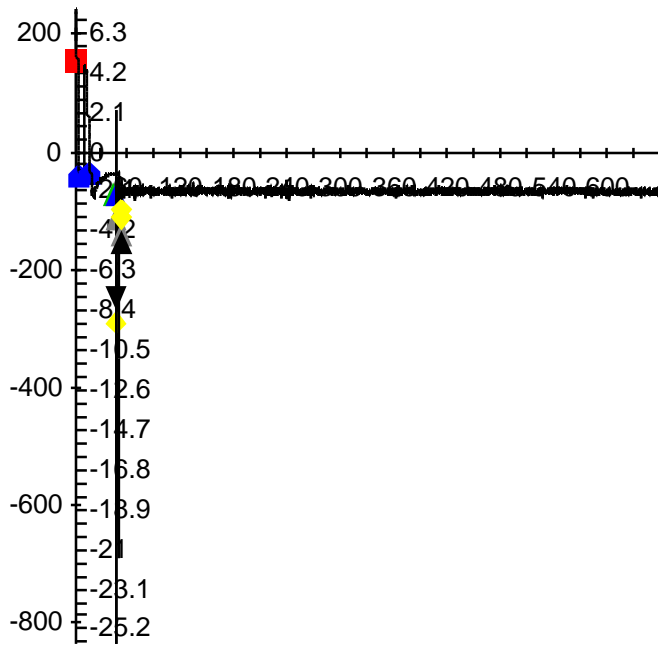
Pyro Battery Value: 7.9 volts CPU Battery Value: 8 volts



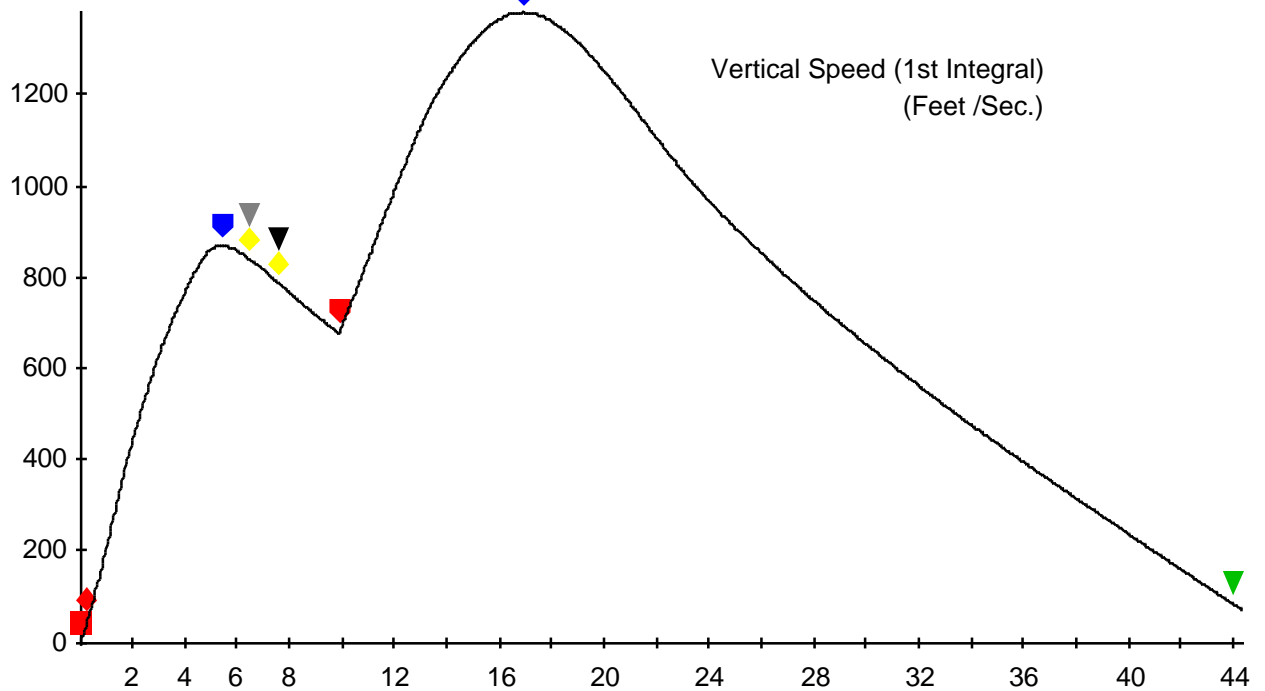
- Movement
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 ◆ AltUp
 ▲ Landed
 ■ Alarm
 ■ Cont
 ◆ BWire
 ▲ PyroOn
- Not_Launched
 ▼ Burnout
 ▲ Apogee
 ◆ AltDn
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