

Flight Information: mc2 v2.5

Flight ID: FLT:34
Rocket Name: Totally Stable
Launch Site: October Skies, Helm, CA
Motor(s) Used: K480W
Notes:

Flight Date: Oct 17, 2010
Length: 102"
Max. Diameter: 4"
Weight at Liftoff: 20 lbs

Flight Summary

Maximum Airspeed	755.41 f/sec	Maximum Airspeed	0.68 Mach
Maximum Acceleration	294.38 f/sec/sec	Maximum Acceleration	9.15 G
Altitude of Maximum Airspeed	1675.76 f	Altitude of Maximum Acceleration	47.36 f
Maximum Barometric Altitude	5597.6 f	Maximum Integrated Altitude	7672.41 f
Time to Apogee	21.21 sec	Flight Time	207.12 sec
Time to Booster Burnout	3.73 sec	Altitude at Booster Burnout	1698.64 f
Time to Booster Burnout	3.73 sec	Altitude at 2nd Stage Burnout	7650.47 f

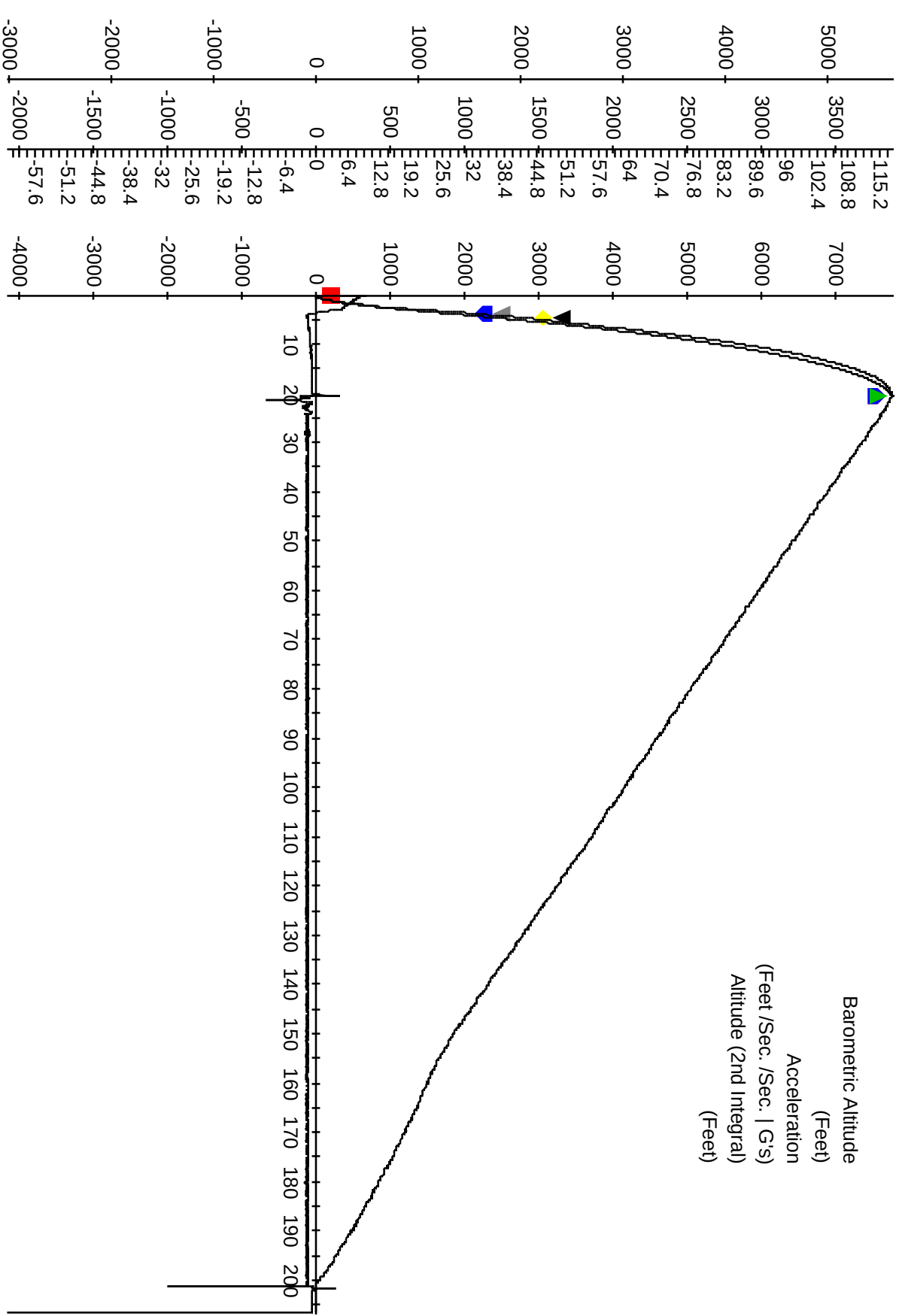
Descent Rate:-31.24 f/sec

Recorded Maximum Altitude:5596 f

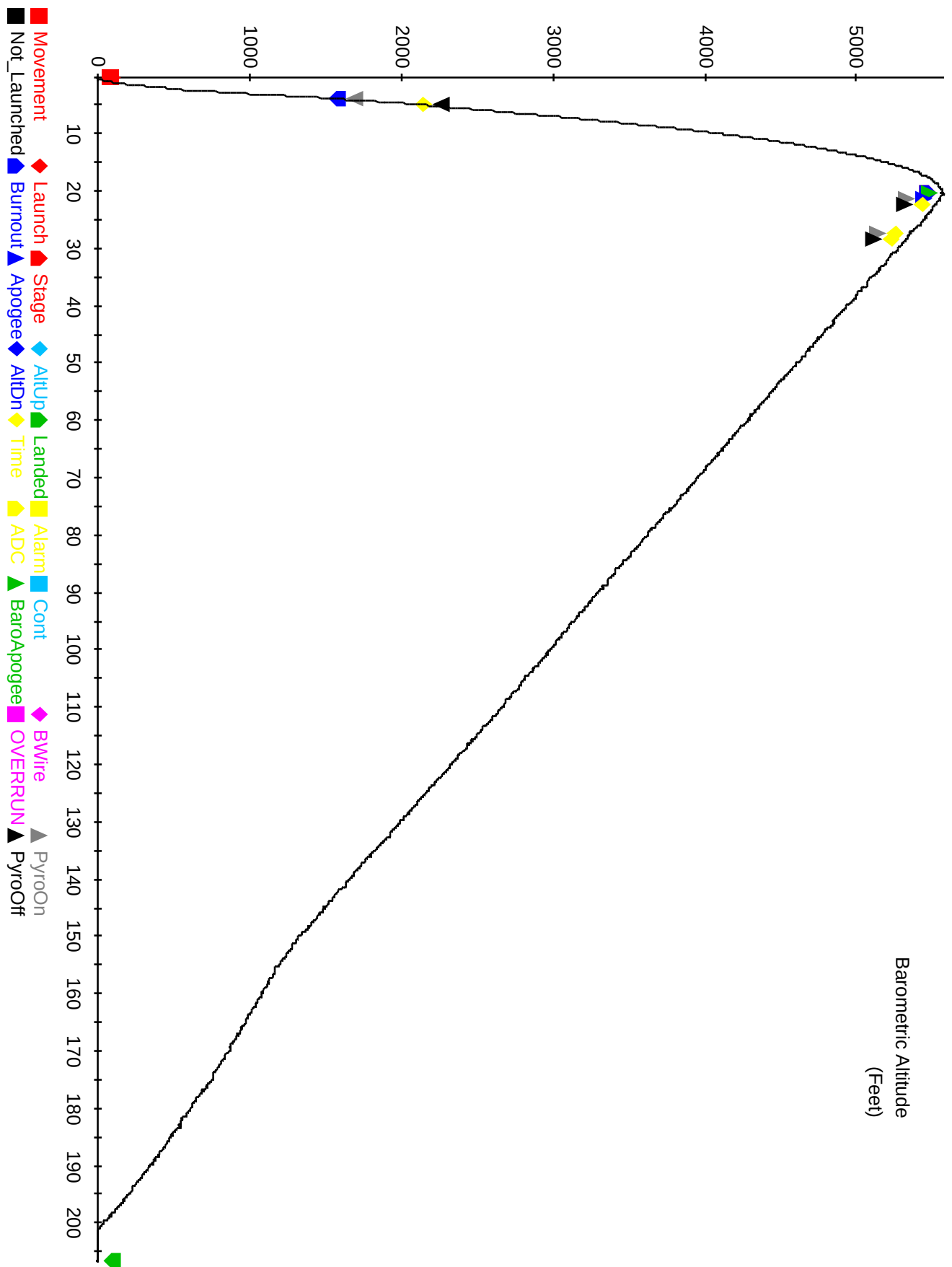
Recorded Maximum Acceleration:445.72 f/sec/sec Recorded Maximum Airspeed:777.05 f/sec

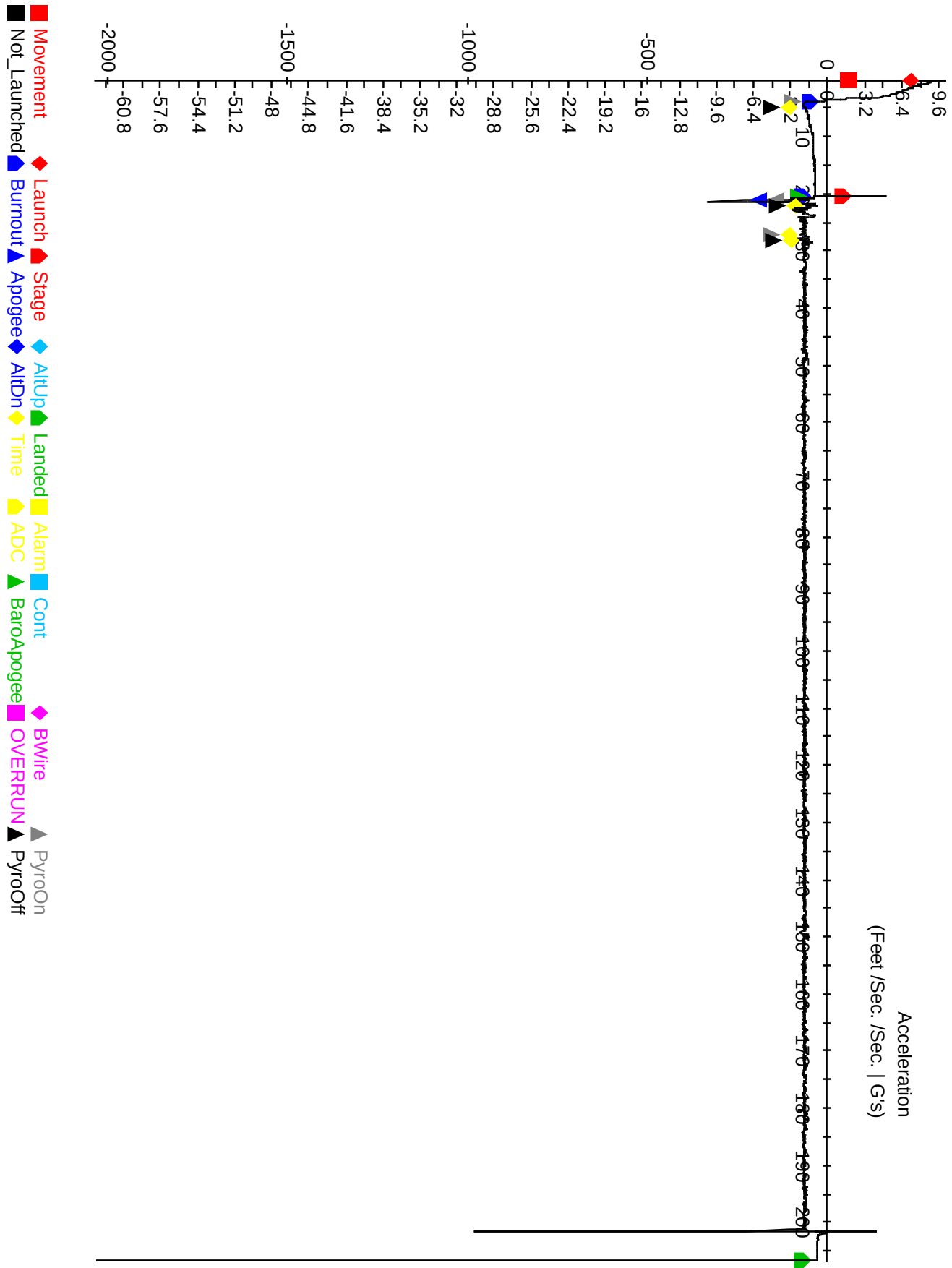
Flight Configuration

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 + 11.968 sec.
Pyro 1 Continuity: Bad	Pyro 2 Continuity: Good
Pyro 3 Continuity: Bad	Pyro 4 Continuity: Bad
Pyro Battery Value: 7.8 volts	CPU Battery Value: 7.8 volts



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





Vertical Speed (1st Integral)
(Feet/Sec.)

