

Flight ID: AllensL3

Rocket Name: Big Yellow Crayon

Launch Site: BlackRock ARLISS

Motor(s) Used: M1419-W

Notes:

### Flight Information

Flight Date: Sep 13, 2007

### Flight Summary

Maximum Airspeed 882.7 f/sec    Maximum Airspeed 0.8 Mach  
Maximum Acceleration 221.58 f/sec/sec    Maximum Acceleration 6.89 G  
Altitude of Maximum Airspeed 3199.62 f    Altitude of Maximum Acceleration 240.59 f  
Maximum Barometric Altitude: 8419.52 f    Maximum Integrated Altitude: 11040.52 f  
Time to Apogee: 26.12 sec    Flight Time: 26.58 sec  
Time to Booster Burnout: 6.03 sec    Altitude at Booster Burnout 3253.12 f

Descent Rate: 0 f/sec

Recorded Maximum Altitude: 8420 f

Recorded Maximum Acceleration: 399.04 f/sec/sec    Recorded Maximum Airspeed: 876.69 f/sec  
Flight Configuration

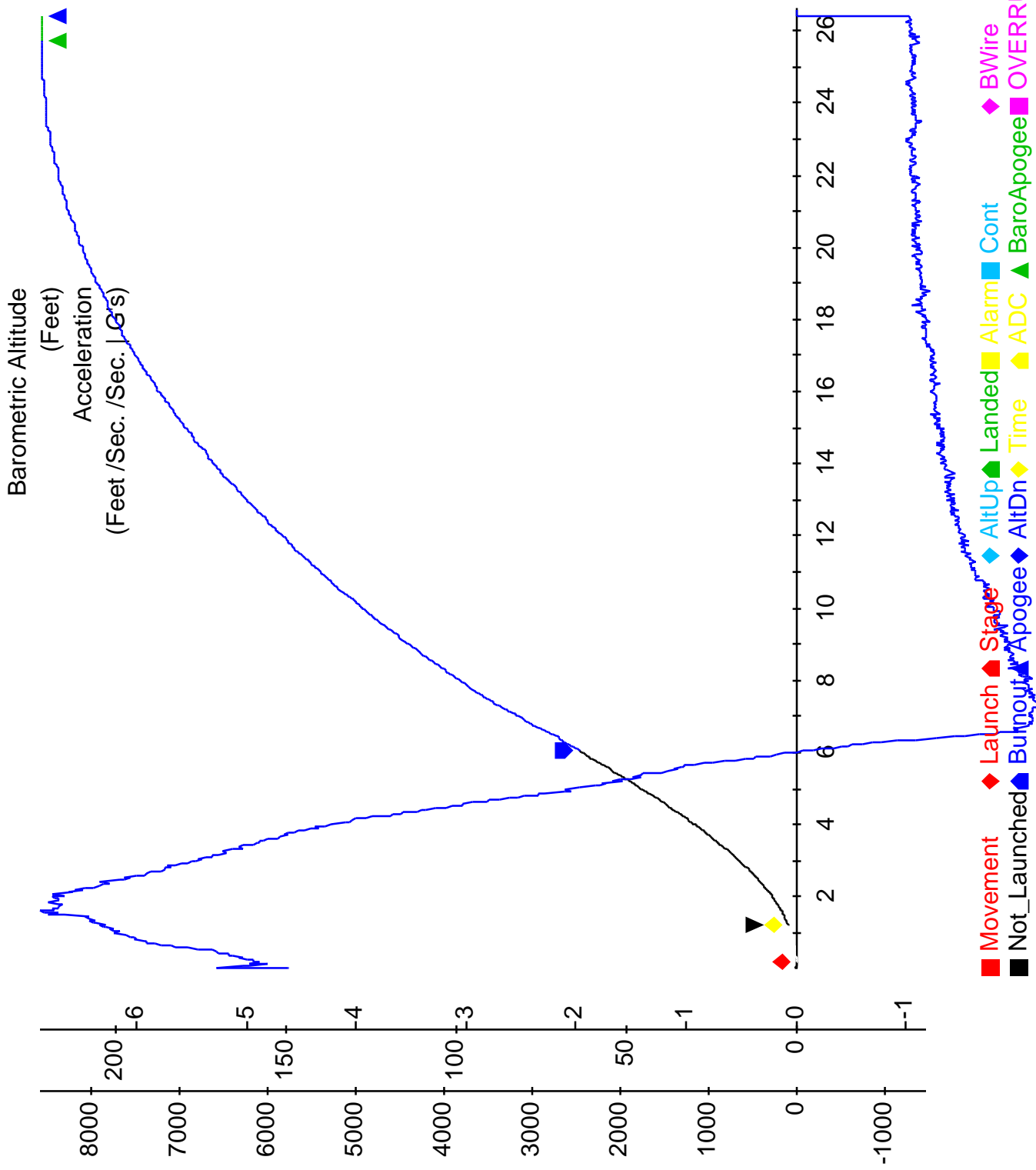
Pyro 1 Setting: Launch + 0.0 sec.    Pyro 2 Setting: Apogee + 0.0 sec.    Pyro 3 Setting: Apogee + 5.952 sec.

Pyro 4 On: apogee + 5.952 sec.    Pyro 4 Off: apogee + 6.976 sec.

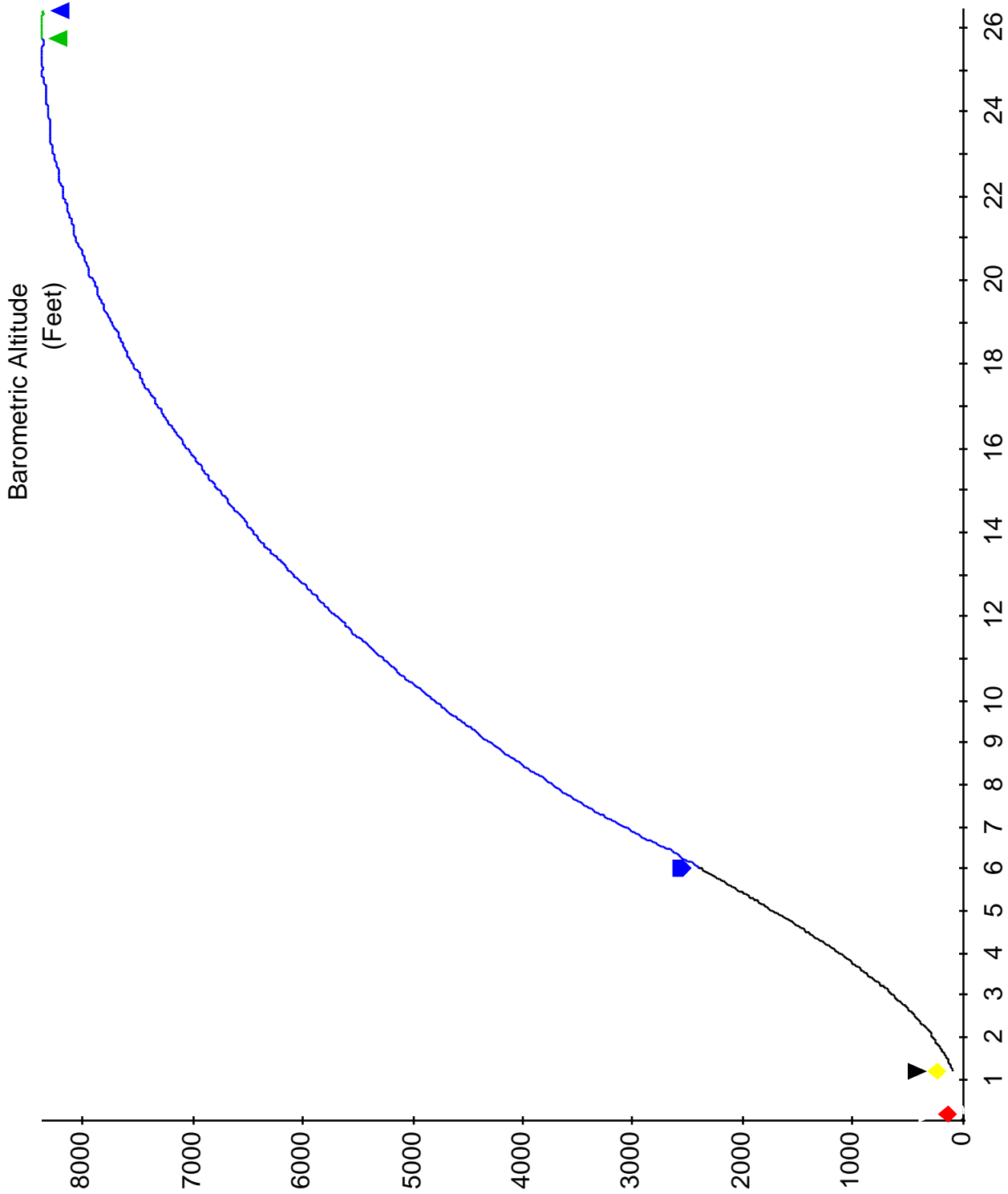
Pyro 1 Continuity: Bad    Pyro 2 Continuity: Good

Pyro 3 Continuity: Good    Pyro 4 Continuity: Bad

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

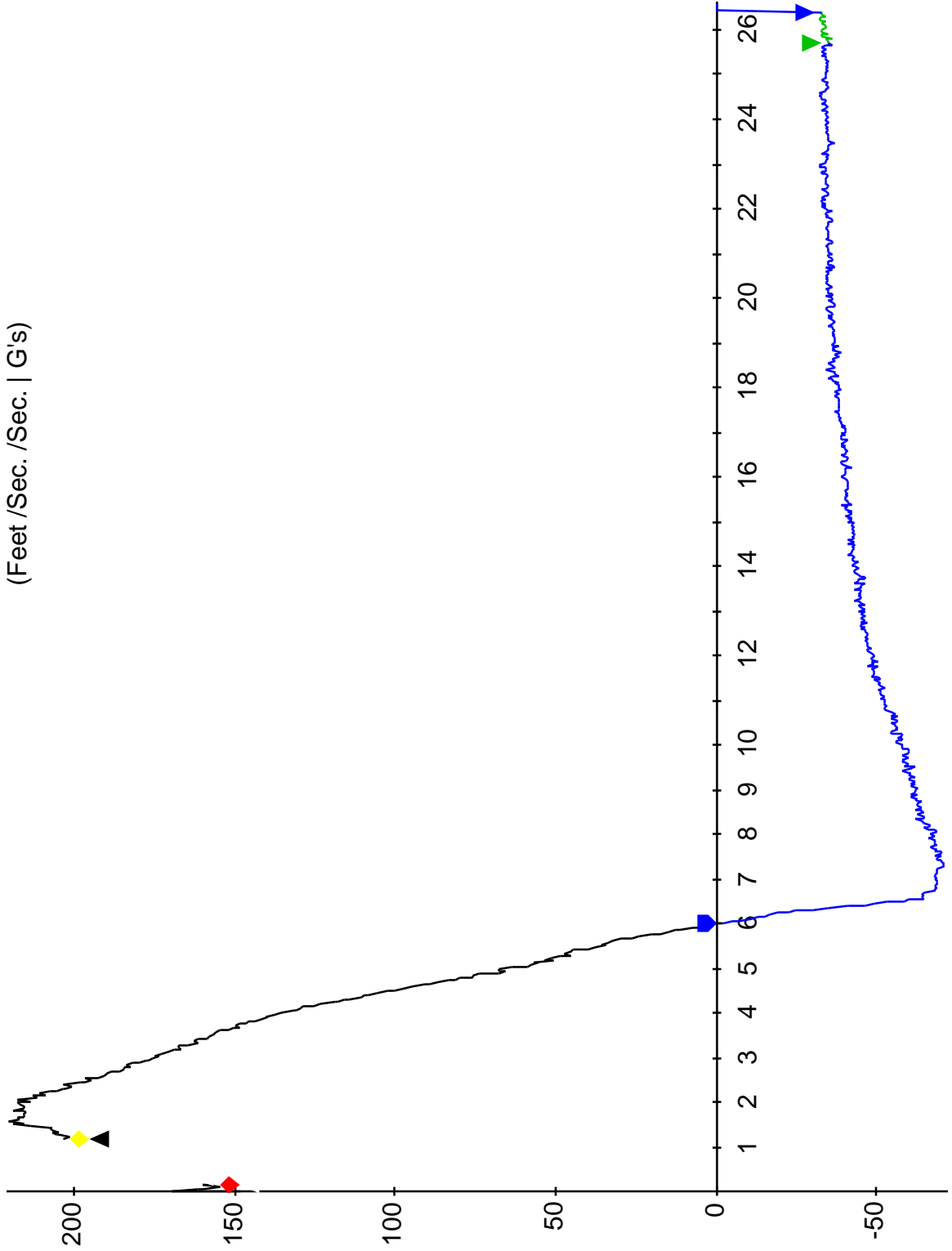


- Movement
- ◆ Launch
- ▲ Stage
- ◆ AltUp
- ▲ Landed
- Alarm
- Cont
- Not\_Launched
- ▲ Apogee
- ◆ AltDn
- ◆ Time
- ▲ ADC
- ▲ BaroApogee
- OVERRUN
- ◆ BWire
- ▲ PyroC



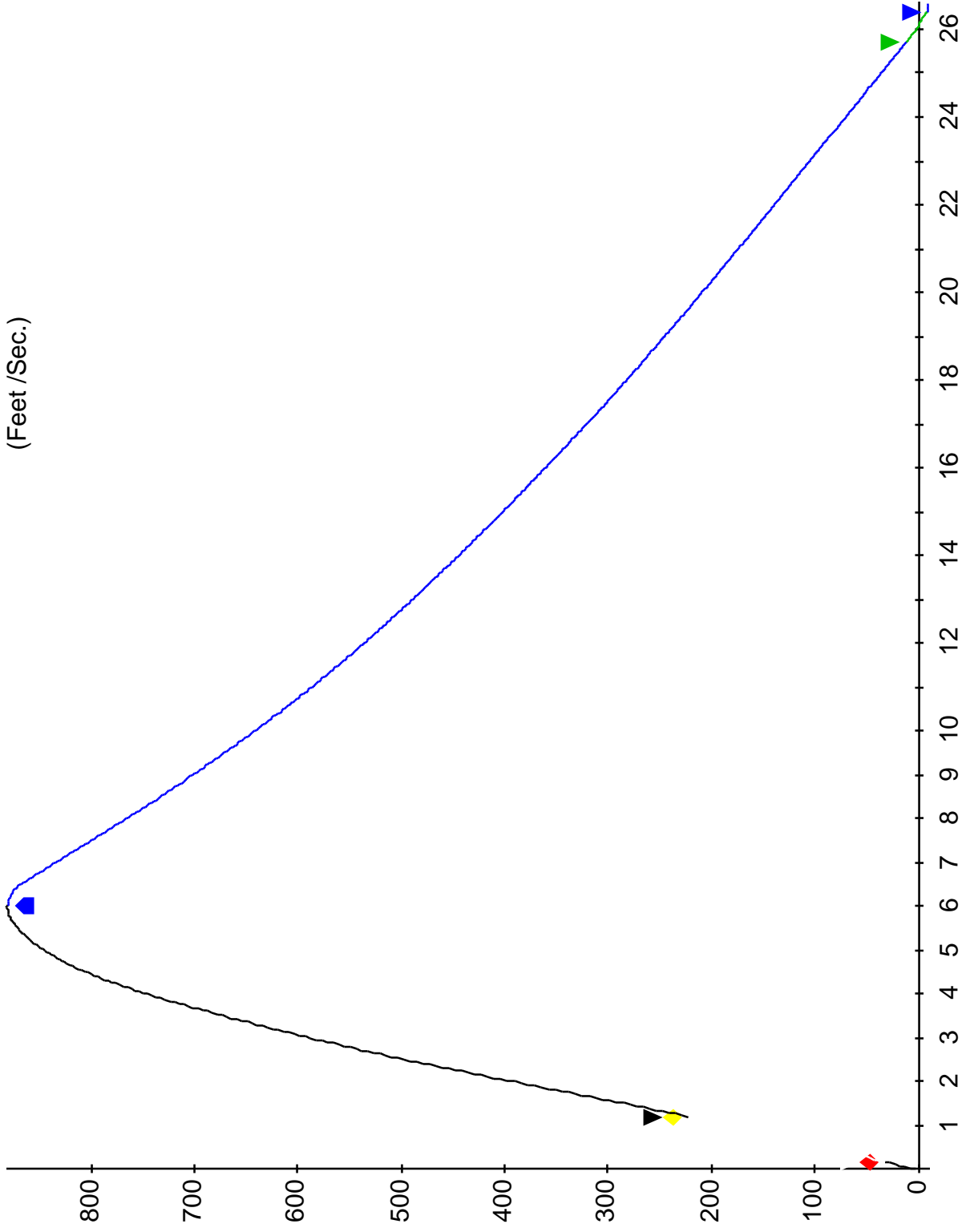
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- OVERRUN
- ▲ PyroOff

Acceleration  
(Feet /Sec. /Sec. | G's)

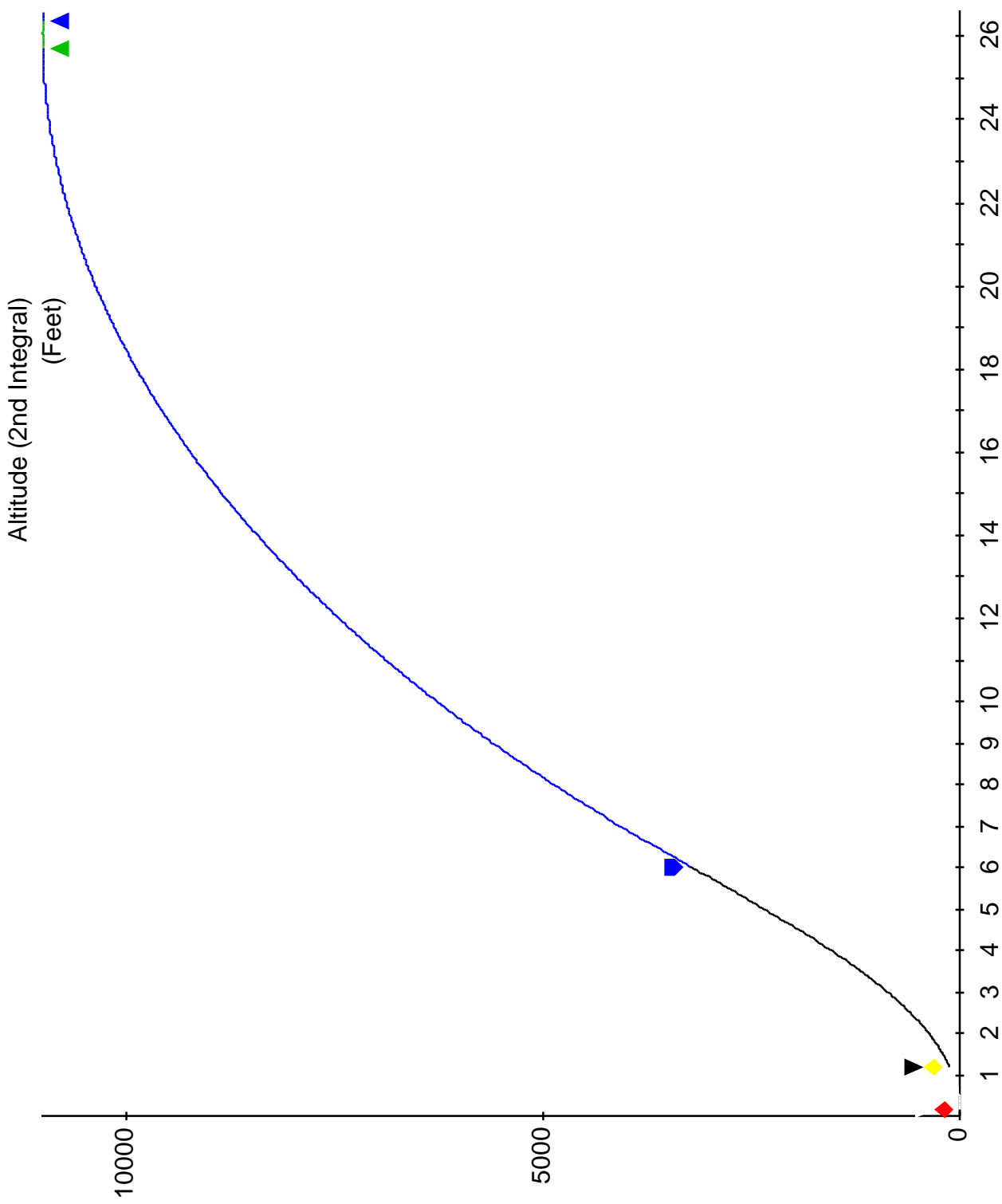


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Vertical Speed (1st Integral)  
(Feet /Sec.)



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