

Level 1 Cert Flight

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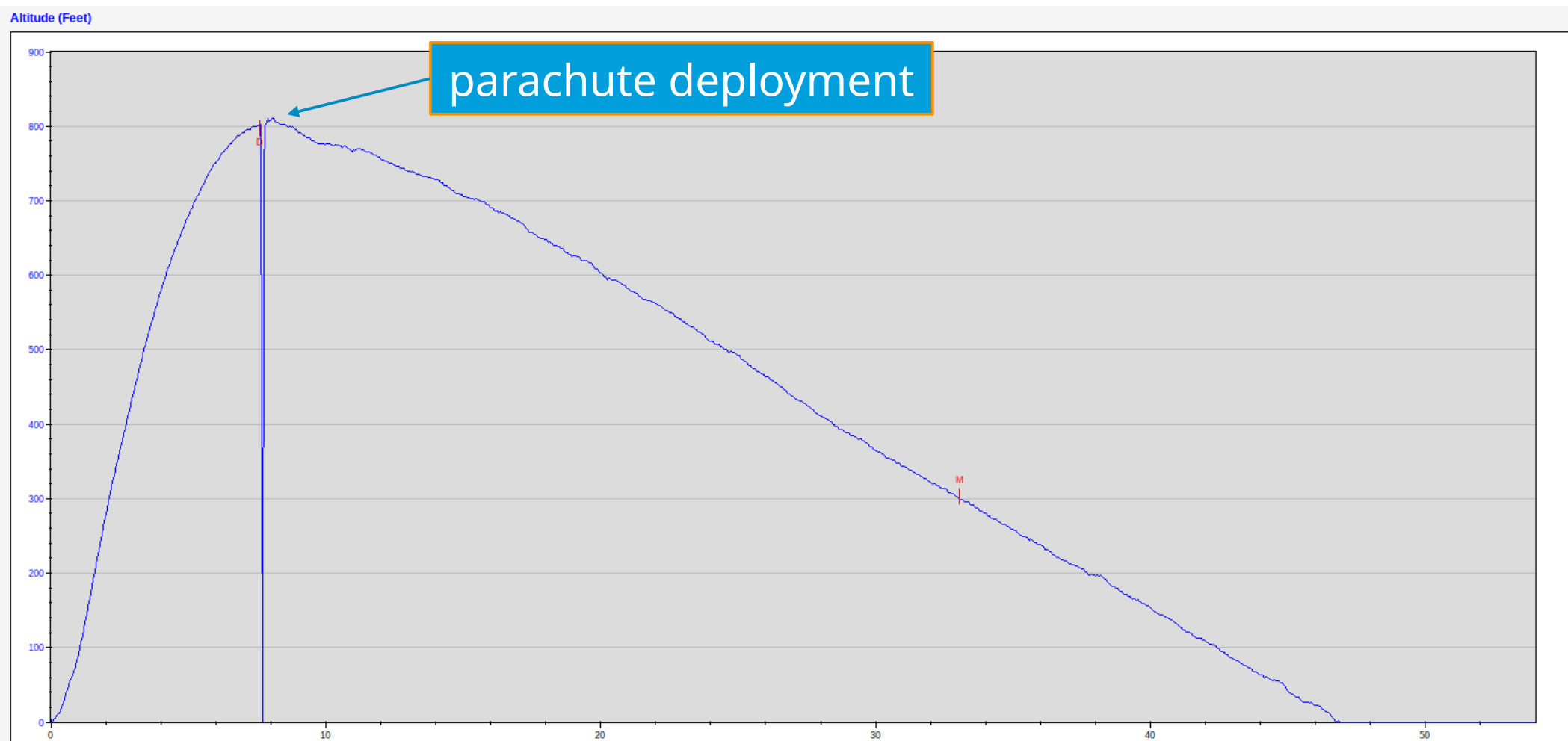


In Short

- A Total Success!
- Apogee at 800 ft
- 47 seconds of flight time
- Landed on the green 174m from the launch pad
- Many Thanks to Steve Pass!
- Worked together to complete launch checklist, took great photos, and helped recover the rocket.



- Barometric altitude graph



Nominal Takeoff

Nominal motor ignition. No early deployment like last time.

Parachute deployment system used beep codes to confirm continuity of parachute deployment charges.

Rail Buttons (Launch rail guides) were a bit loose considering the weight of the rocket. Next launch will use some reinforcement.



Nominal Ascent

Rocket was tilted ~ 5 degrees up
wind to compensate for drift
under parachute.



Perfect deployment timing



- Rocket was rotating under parachute, reduced chances of component collision. ~30 rpm.

Recovery

- Rocket landed on the mowed airstrip, quick recovery
- Location telemetry was somewhat accurate, more so as the rocket approached the ground
 - Updates for telemetry app forthcoming
 - Full data export
 - Packet reception chime
 - Compass heading and distance to rocket

