

Nuke ProMaxx

LOC Precision

Rocket Data:

LENGTH: 3.6 Ft, DIAMETER: 2.3 IN

WEIGHT 1.2 LBS

CG: 22.73 IN, CP: 35.59IN, MARGIN: 5.59 OVERSTABLE

WEIGHT W ENGINES 2.25 LBS

CG: 29.90 IN., CP: 35.59 IN., MARGIN: 2.47

Motor:

38 MM - 4 GRAIN - 223 SM BURN = 1.9 SEC

Recovery:

"PARROT" FEATHERWEIGHT ALTIMETER, ROCKET HUNTER

Max data values (expected):

MAXIMUM ACCELERATION: VERTICAL (Y): 808.63 Ft./s/s

MAXIMUM VELOCITY: VERTICAL (Y): 1 185.7106 FT/S

MAXIMUM ALTITUDE: 5933 Ft

Time data (expected):

TIME TO BURNOUT: 1.98 SEC.

TIME TO APOGEE: 15.92 SEC.

Launch guide data (expected):

LAUNCH GUIDE LENGTH: 72 IN.

MINIMUM VELOCITY FOR STABLE FLIGHT: 44 FT/S

MINIMUM VELOCITY FOR STABLE FLIGHT REACHED AT: 17.50 IN

VELOCITY AT LAUNCH GUIDE DEPARTURE: 90.94 FT/S

THE LAUNCH GUIDE WAS CLEARED AT : 0.14 SECONDS

