

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 1.55 LBS

CG: 26.4 IN., CP: 35.6 IN., MARGIN: 3.99 OVERSTABLE

Motor:

38 MM TO 29 MM ADAPTER - 1 GRAIN - F59 WHITE THUNDER BURN = .971 SEC

Recovery:

"PARROT" FEATHERWEIGHT ALTIMETER, ROCKET HUNTER

Max data values (expected):

MAXIMUM ACCELERATION:VERTICAL (Y): 298.4 FT./S/

MAXIMUM VELOCITY:VERTICAL (Y): 232.6 FT/S

MAXIMUM ALTITUDE: 802 Ft.

Time data (expected):

TIME TO BURNOUT: 0.971 SEC.

TIME TO APOGEE: 7.2 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: 44.2 IN.

VELOCITY AT LAUNCH GUIDE DEPARTURE: 57.22 FT/S

THE LAUNCH GUIDE WAS CLEARED AT : 0.22 SECONDS

