

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 1.88 LBS

CG: 28.3 IN., CP: 35.6 IN., MARGIN: 3.18 OVERSTABLE

Motor:

38 MM TO 29 MM ADAPTER - 4 GRAIN - H175 **SMOKY SAM** BURN = 1.0 SEC

Recovery:

"PARROT" FEATHERWEIGHT ALTIMETER, ROCKET HUNTER

Max data values (expected):

MAXIMUM ACCELERATION:VERTICAL (Y): 915.28 Ft./s/s

MAXIMUM VELOCITY:VERTICAL (Y): 621.87 FT/S

MAXIMUM ALTITUDE: 2991 Ft

Time data (expected):

TIME TO BURNOUT: 1.0 SEC.

TIME TO APOGEE: 12.5 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: 17.3 IN.

VELOCITY AT LAUNCH GUIDE DEPARTURE: 89.8 FT/S

THE LAUNCH GUIDE WAS CLEARED AT : 0.158 SECONDS

