

GENERAL ROCKET DATA

Rocket name: Display Ad Printed on 25.09.2002
Rocket file: D:\Eigene Dateien\My Rockets\Display Ad.roc
Created by: Andreas Firnau ()
Cd-value: 0,75

WEIGHT

Launch weight: 545,69 g
Empty weight: 448,89 g

ENGINE CONFIGURATION

Stage 1
Engines: 4 * Estes C6 (96,80 g)
Stage 2 n/a
Stage 3 n/a

SPACECAD FLIGHT PREDICTION RESULTS

Max. height: 110,13 m

BURNOUT ALTITUDES

Max. velocity: 42,89 m/s
Max. acceleration: 93,66 m/s²
Best delay: 3,37 s

Stage 1 at 47,20 m

PARACHUTE

For a descent flight of 3,00 m/s the best parachute diameter is 1,03 m.
For a cutout parachute use a diameter of 1,29 m.

SPACECAD STABILITY RESULTS

Center Of Pressure (CP) : 619,40 mm behind nose cone
Center Of Gravity (CG) : 478,78 mm behind nose cone

Rocket is stable (1,56 calibers)

PER-STAGE STABILITY

n/a

