MASA PLANET

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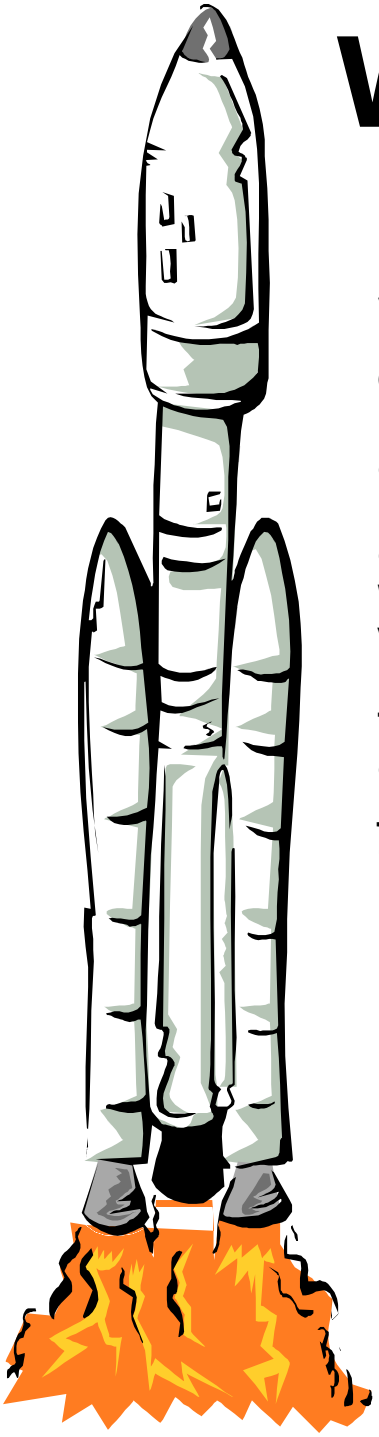


What the Prez Says

Rocketeers,

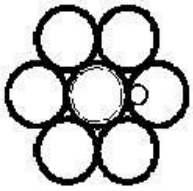
Spring has sprung and our first big launch of the year is proof! More people helped out at the April launch than almost any other event in the past. Many of those rockets would have remained on the ground, without the hard work of our LCOs and RSOs. The future of our club depends upon this kind of participation. If you cannot volunteer for RSO/LCO duty during a launch, you can still help keep the launch running smoothly with just a little extra effort. Don't forget to introduce yourself to visitors and new members. Take a minute to show new rocketeers how to sign up for a pad. Help a young rocketeer fold a parachute or attach igniter clips. This is just as important as being RSO or LCO during a launch. If everyone pitches in just a bit, our events will continue to be as safe and fun for everyone as they can be.

Fly High,
Russ

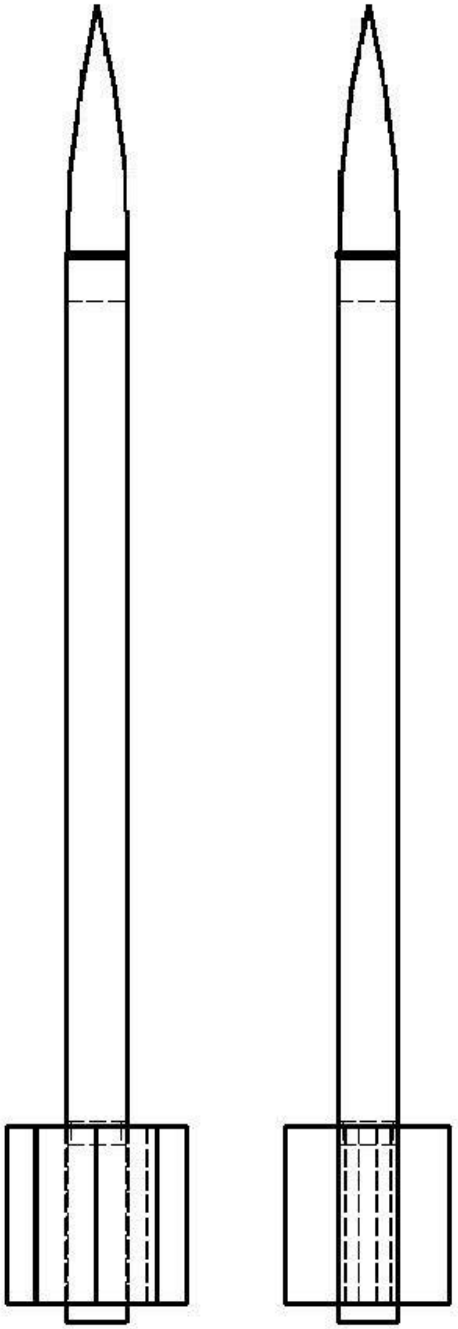
Damian Kostron
3023 Copper Oaks Alcove
Woodbury, MN 55125

“Golly” Plans

“Golly”
A mini-engine, tubular fin rocket
that’s inexpensive and easy-to-build.
An original design (MH-01)
by Alan Estenson, NAR 69539 SR



Length: 280mm (11.125 in.)
Diameter: 13.8mm (0.54 in.)
Weight: 11.3 grams (0.4 oz.)
Break-apart or (optional) streamer recovery
Recommended engines:
1/4A3-3t: 50 m (160 ft.)
1/2A3-4t: 120 m (400 ft.)
(use friction-fit motor retention)



Parts list:

A. bt-5 tube, 457mm (18 in.) long
B. appropriate nosecone to fit bt-5 tubing
C. engine block to fit bt-5 tubing (may be cut from an expended mini-engine casing)
D. 1/8 in. launch lug, 38mm (1.5 in.) long
E. shock cord - 457mm (18 in.) of 1/8 in. elastic or Kevlar
F. streamer (optional)

Construction notes:

A. Cut bt-5 tube into one piece 229mm (9 in.) long and six pieces 38mm (1.5 in.) long.
B. The tube fins are located 4mm (3/16 in.) from the bottom end of the main body tube.
C. Use a traditional paper-style shock cord mount or use a mount style of your own preference for elastic shock cord. A Kevlar cord may be attached to the engine block.
D. Glue the engine block inside the body tube, 38mm (1.5 in.) up from the bottom end.
E. The launch lug may be glued either inside one of the tube fins or in the outside “valley” between two adjacent tube fins.