



# Orbitron

## MINIJET PARASITE BOOST GLIDER

### ASSEMBLY INSTRUCTIONS:

Start assembly of nose cone by inserting shock cord through hole in bottom of nose cone adapter. Tie knot large enough to keep cord in place.

Put a thin coat of plastic (styrene) cement around inside of nose cone. Rub cement with the end of your finger to smooth it out and remove excess. Use cement sparingly as it will melt nose cone.

Insert adapter into nose cone then slip nose cone into body tube to insure alignment. With a twisting motion, carefully remove nose cone from body tube and allow to dry.

Punch two holes with a pencil 1/2" apart in the gauze shock cord anchor and thread cord into anchor as shown. Smear glue with a brush or "Q" Tip in body tube about the size of the anchor 3/4" from end. Insert shock cord and anchor into body tube and push into glue with a pencil until securely set in place.

The rocket is recovered by streamer which is taped to the center of the shock cord with masking tape.

Sand body tube and junction of nose cone lightly with fine sandpaper to remove all irregularities. This also provides a good bond for gluing fin and cradle.

Glue launch lug flush with rear and parallel to body tube.

Sand fin to an airfoil shape and glue along top of launch lug perpendicular to body. When dry apply a glue fillet on each side of fin.

Using a "Q" Tip or brush, smear white glue around inside of body 2" from end. Insert engine block and push it forward with an engine until 1/8" of engine protrudes. Remove engine as soon as stop is positioned.

Build glider (see glider assembly instructions).

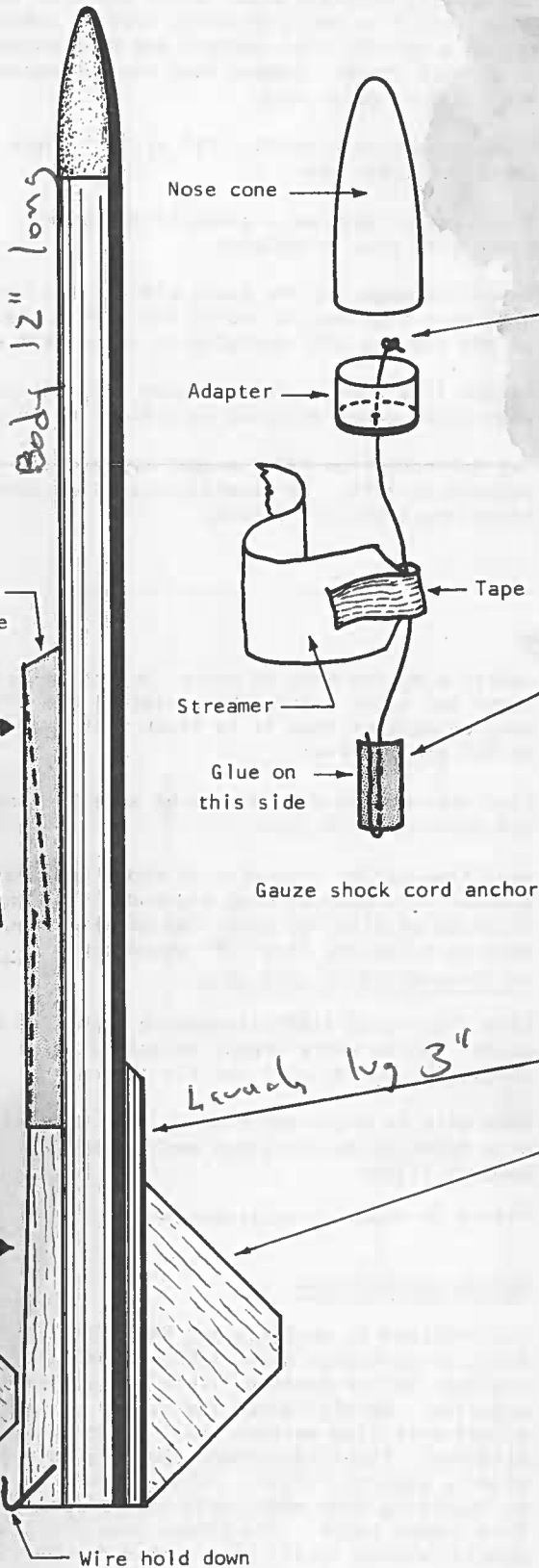
Attach glider cradle to body tube by gluing flush with bottom and directly opposite launch lug and fin as shown. Make sure it is parallel to body by sighting along body tube.

### FINISHING INSTRUCTIONS:

Since the glider is made from 1/32" balsa, special precautions must be taken to prevent it from warping. One way to minimize warping is to paint a small section of the wing on one side and turn it over and paint the opposite side. Continue this procedure until completely painted.

All balsa and paper surfaces should be given at least 2 coats of sanding sealer or clear dope, fine sanding between coats. Do not get any dope on plastic parts.

The leading edge of the wing can be reinforced with adhesive backed aluminized mylar. CMR Cat.No. AM1.



Glider cradle  
round front edge

Glider

Flap

Wire hold down

Nose cone

Adapter

Streamer

Glue on  
this side

Tape

Gauze shock cord anchor

Launch lug 3"

Cradle

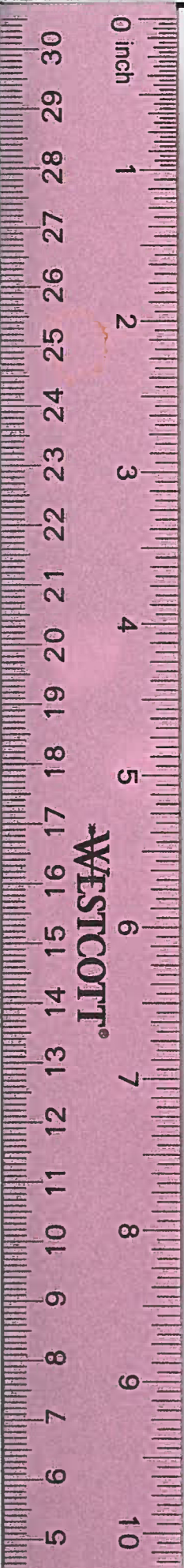
Fin

Body tube

Launch lug

### REAR VIEW

Glider not shown



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A new parasite Micro-Manta boost glider. The glider attaches to the side of a special carrier rocket which detaches upon ejection and returns by streamer. A real performer. Has been officially timed at 306 sec. using a 1/2A3-3m.

## Recommended Engines:

1/2A3-3m    A3-4m    B3-5m

## Specifications:

### Glider:

Wing Span: 5.5"  
Length: 7.75"  
Wt: 4 gms

### Carrier Rocket:

Length: 13.5"  
Dia: RB50 .558"

Cat. No. BG3

\$2.25

