

# SKYBLAZER

## BODY KIT 1.6" #RB1

This is a Component System Rocket  
Kit.

Height 23"

Diameter 1.6"

Weight 2 oz

Power  
see LIFT KIT specs

A MACH-I LIFT KIT  
is required to launch  
this kit.

This BODY KIT is designed to work with  
all MACH-I 1.6" LIFT KITS.

No recovery wadding is needed.

pub. # 513121

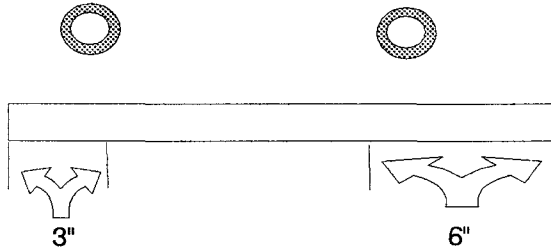


# SKYBLAZER BODY-KIT ASSEMBLY INSTRUCTIONS

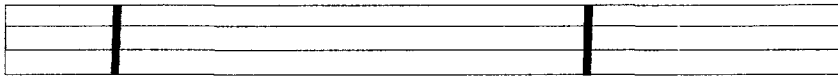
Items required: fine sand paper (220 or finer), ruler, CA glue, epoxy, and paint.

1) Sand nose cone smooth.

2) Mark two lines around the .975" diameter tube, 3" from from one end (bottom), and 6" from the other end (top). Glue the centering rings on these marks.



3) Glue the inner tube assembly into the body tube. The inner and outer tubes should be flush top and bottom.



4) Tie the recovery line to the nose cone. **(If you forget to tie it on now it will be a BIG pain later.)** A drop of CA on the knot is cheap insurance. Tie the shock cord to the nose cone and to a loop in the recovery line 8" down.

5) Reinforce the the outer chamber of the bottom of the body kit with a coat of epoxy.

As illustrated by the gray area.



6) Drop the recovery line through the inner tube, then glue the nose cone into place.

(trim inside of nose cone if necessary)

7) Tie a loop at the end of the recovery line, the line should hang out about 12\".

8) Finish as desired.

Always inspect your rocket before each launch.

Always launch in accordance with NAR safety codes.

**SAFETY BEGINS WITH YOU!**

Contents: 2- BALSAPLY™ centering rings, 1- .975" inner tube, 1- 1.6" body tube, 1- nose cone, 1- length of line, 1- piece of shock cord.



MACH-I pub. # RB1A

## **LAUNCH INSTRUCTIONS**

**ALWAYS REFER TO NAR SAFETY INSTRUCTIONS!**

**This is not a toy!**

**This model rocket should only be used in accordance with NAR safety codes!**

**If you are not familiar with the NAR or it's safety codes write to:**

**National Association of Rocketry PO Box 117, Altoona, WI 54720.**

**Snap the parachute shrouds and the body recovery line to the lift kit swivel.**

**Put parachute and extra lines loosely into the body kit inner tube.**

**Gently slide the lift kit couplers into the body kit. DO NOT FORCE!**

**If the lift kit and body kit are snug work the parts together or sand with very fine sandpaper until they are easily put together and separated. Soap the couplers if necessary.**

**Now load the engine and proceed as specified by the engine manufacturer, and NAR safety codes.**

**MACH-I pub. #WI**

Mach-I Industries Skyblazer Body Kit  
Parts List

1. 2 Balsa-Ply Centering Rings (CR50-60)
2. 1 .975 Inner Body Tube (BT-50, 18" long.)
3. 1 1.6" Body Tube (BT-60, 18" long)
4. 1 nose cone (Ogive, 4.75" long, similar to BNC-60NA)
5. 1 piece of line (Use Kevlar, 24" long)
6. 1 piece of shock cord (use 1/4 X 18" elastic)

Notes concerning the build.

1. A cloned nosecone will need to be cut to fit the end of BTs since the tubes are flush. Obviously, a plastic nose cone will work better than a balsa cone for this application. If you use a balsa cone, cut the inside tube short enough to accommodate the nose cone. Keep the aft end of the BTs flush.
2. Be sure your shock cord and line hangs out the aft end BEFORE gluing the nose cone in place.