



ASTRA III™

No. 1610

ASSEMBLY INSTRUCTIONS

TOOLS YOU'LL NEED TO ASSEMBLE THIS ROCKET

Tube Type Plastic Cement

Hobby Knife



Body Tube
11417

Motor Housing
20606/20609

Fin
20853 (4)

Gray Motor Mount Tube
10301

Fin Locking Ring
20023

Motor Lock Ring
20024

PARTS NOT TO SCALE

Nose Cone
20310

Nose Cone Base
20311

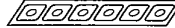
White Shock Cord
50011

Yellow Shock Cord
50050

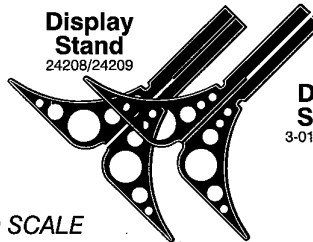
26" Shroud Lines
50100



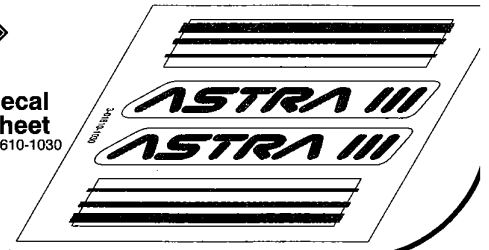
Gripper Tabs
00500



Display Stand
24208/24209



Decal Sheet
3-01610-1030



14" Parachute
28107

1

White Elastic Shock Cord

Yellow Kevlar Shock Cord

A. Hold the Yellow and White Cords side by side with the ends even.

B. Tie an over-hand knot to join the cords.

C. Pass Yellow Cord through loop in Motor Housing.

D. Tie a double knot.

2

Plastic Cement

A. Position slot in Gray Motor Mount Tube over tab on Motor Housing.

B. Glue the two Motor Housing halves together.

C. Feed Yellow and White Cord through the Body Tube.

D. Apply glue around inside of Body Tube and insert Motor Housing until it seats against the Body Tube.

3

A. Test fit all four Fins into the slots.

B. Remove each one, add glue and replace.

C. Twist Fin Locking Ring onto rear of Motor Housing.

Check Fin alignment

4

A. Apply glue around inside of Nose Cone.

B. Push base into Nose Cone.

C. Tie White Cord to Nose Cone with a double knot.

5

A. Place one Gripper Tab on each of the six corners on Parachute.

B. Firmly squeeze each Gripper to the Parachute with your fingers.

C. Tie Shroud Line with a double knot.

D. Attach Parachute to eyelet in Nose Cone.

6

A. Grab Parachute at center - pull gently.

B. Fold.

C. Roll.

D. Insert rolled Parachutes, then Shock Cord and slide Payload section in place.

PARACHUTES MUST SLIDE EASILY INTO THE TUBE.

7

A. Remove the self-adhesive decals one at a time.

B. Position on rocket.

C. Rub gently.