

QUEST QUICK KIT

Ready to launch in 15 to 45 minutes.

SUPER EAGLE

No. 1619

ASSEMBLY INSTRUCTIONS

TOOLS YOU'LL NEED TO ASSEMBLE THIS ROCKET

Tube Type Plastic Cement

Hobby Knife



Nose Cone
20207

Payload Tube
11516

Coupler
21086

Coupler
21086

Body Tube
11517

White Shock Cord
50012

Yellow Shock Cord
50053

Coupler Base
20217

Body Tube
11517

Motor Housing
20708/20709

Fin
20831 (4)

Gray Motor Mount Tube
10301

26" Shroud Lines
50100 (2)

Gripper Tabs
00500 (2)

14" Parachute
28107 (2)

Fin Locking Ring
20026

Decal Sheet
3-01619-1030

Motor Lock Ring
20027

Display Stand
24208/24209

PARTS NOT TO SCALE

1

Yellow Kevlar Shock Cord

White Elastic 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.

D. Tie a figure "8" knot in the loose end of the White Shock Cord with a 1 inch loop as shown.

Check Fin alignment

4

A. Apply glue around inside edge of Coupler.

B. Push Coupler Base into Coupler.

C. Apply glue around inside edge of short Payload Tube. Push Coupler into Tube.

D. Position Nose Cone in end of Tube.

E. Apply glue to inside of Body Tube and push Coupler into Tube.

F. Apply glue to inside of Payload Tube and push Coupler into Tube.

Align launch lug between fins with lug in coupler

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 ONE Parachute to eyelet in Coupler Base.

E. Attach ONE Parachute to loop in White Shock Cord.

Repeat A-C for second Parachute

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.