ROCKET FINISHING

NOTE: We have found Testors One Coat Lacquer, Testors Model Master spray paints and Testors Gloss Lacquer to be excellent for providing a long lasting and durable finish on your rocket. Always be sure to spray your models outside in a well ventilated area.

STEPS FOR A QUALITY FINISH:

1. Insert shock cord into body tube and knot in place with paper.
2. Lightly sand rocket with fine sandpaper.
3. Apply glue fillets to all glued areas.
4. Use 2 light coats of white primer to rocket body and nose cone. Lightly sanding with fine sandpaper between coats.
5. Hold nose cone by eyelet for painting. Cover shoulder with masking tape.
6. Apply 2 light coats of white primer to rocket body and nose cone.
7. Spray paint nose cone red. Let dry overnight.
8. Spray paint bottom of rocket, leaving upper 8" (20.3 cm) exposed. Spray paint gray.
9. Mask off bottom of rocket, leaving upper 8" (20.3 cm) exposed. Spray paint black.
10. Spray paint W white. Let dry overnight.

ENGINE PREPARATION

1. Remove decal, position in place and slide decal off of backing material and onto the model as close to final position as possible.
2. Cut decals to be applied from decal sheet, trimming close to the decal edge.
3. Gently blot excess water with a clean paper towel. Allow decals to set overnight.
4. Apply protective clear coat, optional. This will provide added protection and shine to your QCC Explorer™ rocket!
5. Let dry overnight.

FLIGHT RECOVERY PREPARATION

NOTE: Only Estes Rescue Wanding (WDM) recommended.

1. Waterslide Decal (not shown) 066360
2. Red Tube Coupler 031777
3. Shock Cord 038370
4. Parachute 035802
5. Plastic Parts set includes: 072665
6. Laser Cut Centering Ring Set 030119
7. Lower Body Tube 030396
8. Green Engine Block 030164-2
9. Engine Mount Tube 031320
10. I-R 4 Balsa Pieces
11. H 4 Laser Cut Balsa Fins 066359
12. G 1 Launch Lug 038166
13. F 1 Laser Cut Balsa Sheet includes: 066358
14. E 2 Laser Cut Centering Ring Set 030119
15. D 1 Laser Cut Centering Ring Set 030119
16. C 1 Laser Cut Centering Ring Set 030119
17. B 1 Laser Cut Centering Ring Set 030119
18. A 1 Laser Cut Centering Ring Set 030119
19. SCISSORS SPRAY PAINT
20. ASSEMBLY TIP:
21. T 1 Waterslide Decal (not shown) 066360
22. Y 1 Parachute 035802
23. X 1 Shock Cord 038370
24. U 1 Red Tube Coupler 031777
25. V 1 Waterslide Decal (not shown) 066360
26. W 1 Waterslide Decal (not shown) 066360
27. S 1 WDM 073800
28. R 1 WDM 073800
29. Q 1 WDM 073800
30. P 1 WDM 073800
31. O 1 WDM 073800
32. N 1 WDM 073800
33. M 1 WDM 073800
34. L 1 WDM 073800
35. K 1 WDM 073800
36. J 1 WDM 073800
37. I 1 WDM 073800
38. H 1 WDM 073800
39. G 1 WDM 073800
40. F 1 WDM 073800
41. E 1 WDM 073800
42. D 1 WDM 073800
43. C 1 WDM 073800
44. B 1 WDM 073800
45. A 1 WDM 073800
46. PLASTIC PARTS SET

FLYING MODEL ROCKET KIT INSTRUCTIONS

PRE-LAUNCH CHECK

1. Hold key in Launch Pad. Press Launch button (or Launch button on cordless igniter) and let go of ignition button. Repeat any necessary number of times. If rocket does not fly it has not been ignited properly. Correct any mistakes and try again.

FLIGHT RECOVERY

1. After coasting, shut off engine and apply recovery system by pulling out the pull cord. Holding the key in the Launch Pad, let go of ignition button. If rocket does not land properly, check and correct recovery system. 

ASSEMBLY TIP: Read all instructions, make sure you have all necessary parts before starting your project. If you don’t fit properly, sand as necessary to proper assembly.

NOTE: Recovery wadding and parachute must slide easily into body tube. If too tight, remove and reassemble.
GLUE TUBE MARKING GUIDE

Section 1

- Let dry.

Section 2

- Use W to set engine mount distance.

Section 3

- Do not glue.

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TUBE MARKING GUIDE

(Take a copy if you want to keep instructions)

FIN PREPARATION

- Lead edge
- Root edge

ENGINE MOUNT ASSEMBLY

- Mark
- Sand end round
- Sand piece to match angle
- Sand inside joints & seams

TUBE MARKING

- Tape
- Mark all lines:
  - 1. 2. 3. 4.
  - 5. 6. 7. 8.
  - 9. 10. 11. 12.

INTAKE ASSEMBLY (repeat 4 times)

- All gluing should be done on a flat surface
- Mark
- Use fin alignment guide for reference

INTAKE ATTACHMENT (repeat 4 times)

- Flush with end
- Use fin alignment guide for reference

FINAL ASSEMBLY

- Do not glue

SHOCK CORD INSTALLATION

- Hold until glue sets. Let dry.

FIN ASSEMBLY (repeat 4 times)

- Mark all lines.