COUNCWD AND LAUNCH

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

UNITED STATES OF AMERICA ANTON PHOTOGRAPHIC SERVICES

PRECAUTIONS

NO SAFETY CODE

KEEP FOR FUTURE REFERENCE

MODEL ROCKET INSTRUCTIONS

IMPORTANT: Please record date found on package and keep for future reference.

READ ALL INSTRUCTIONS. Make sure you have all parts and supplies.

ASSEMBLE ENGINE MOUNT FIN CAN UNIT

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

ESTES® Launch Supplies Needed

- (See diagram)
  - Launch Pad
  - Launch Controller
  - Recovery Wadding
  - Starters (with engine)
  - Rags (with engine)
  - Estes® Engines:
    - A4-3, B4-4, B6-4, C6-7

NOTE: Always read and follow the instructions before using.

FLYING YOUR ROCKETS: Choose a large field (300 ft [91 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Footed hills and playgrounds are great. Launch only with a clear sky and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE (enclosed). WHENEVER THE KEY OUT OF THE CONTROLLER, WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET. Disconnect the micro-drag and remove the engine. Take the plug and starter out of the engine. A blown starter means the starter tip was not touching the propellant. Install a new starter. Be sure the tip is touching propellant inside the engine. Push the plug in place. Repeat steps under Countdown and Launch.

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ATTACH BODY TUBE
1. Align slots in body tube with notches on the vacuum tube. Use a body tube lock pin to keep the tube centered in the body tube. Snip off the excess at the front so the body tube locks up with slots in body tube.

ATTACH SHOCK CORD MOUNT
1. Insert mount through square tube.
2. Orient anchor as shown and slide it down the inside of body tube until it drops into place.

INSTALL SHOCK CORD
1. Tie double knot in end of shock cord.
2. Insert tailstocked end of shock cord through opening of shock cord mount.
3. Pull shock cord to confirm shock cord is snug and equal tightness through shock cord mount.

ATTACH PARACHUTE AND SHOCK CORD
1.
2.
3. 4. DOUBLE KNOT

PREPARE FLIGHT RECOVERY
1. Push recovery wadding down towards and into body tube.
2. 3. 4. 5. 6. 7. 8. SLOW SQUARE TIP RECOVERY WADDNG
Wrap shock cord around and insert parachute into body tube.
Insert nose cone into body tube.

APPLY DECALS

PREPARE ENGINE
1. 2. 3. 4. 5. 6. 7. 8. STARTER USE 1 EACH.

WARNING: FLAMMABLE

When lighting engine cap, make sure launch caps are removed. Use a lighter or other non-flammable method to light engine. Always remove the label before firing your engine.

NOTE:
- You may need a pen or pencil to help push anchor in place.
- Recovery wadding and parachute must slide easily into body tube. If too tight, wick.
- You may add clear tape as reinforcement around body tube where it sheets to top of tube.