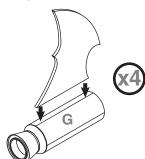




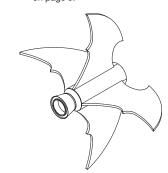
1. Apply yellow glue to inside edge of fin **H**.

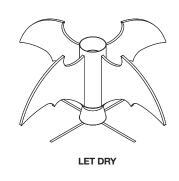


Apply fin to lines marked FL. Repeat for all fins.



3. Check alignment using Fin Guide on page 5.



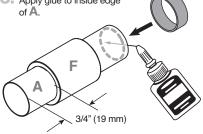


ASSEMBLE ENGINE MOUNT (UPPER STAGE)

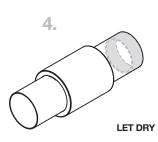
2. Push **F** to mark.



3. Apply glue to inside edge



В

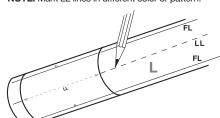


TUBE MARKING (UPPER STAGE)

1 Cut out the tube marking guides on page 5.



2. Wrap main body tube and secure with clear tape. Mark FL and LL lines on the body tubes. NOTE: Mark LL lines in different color or pattern.



3. Remove all guides and use a door frame as a straight edge to extend all the lines on body tubes.

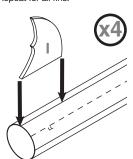


ATTACH FINS (UPPER STAGE)

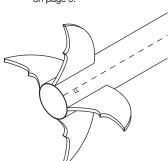
1 Apply yellow glue to inside edge of fin I.

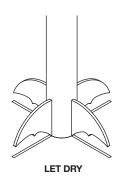


Apply fin to lines marked FL. Repeat for all fins.



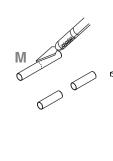
3. Check alignment using Fin Guide on page 5.



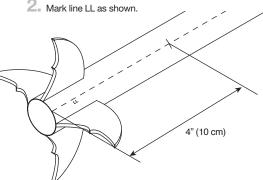


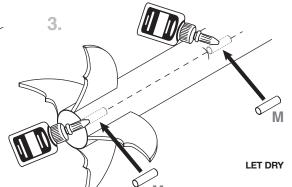
ATTACH LAUNCH LUGS

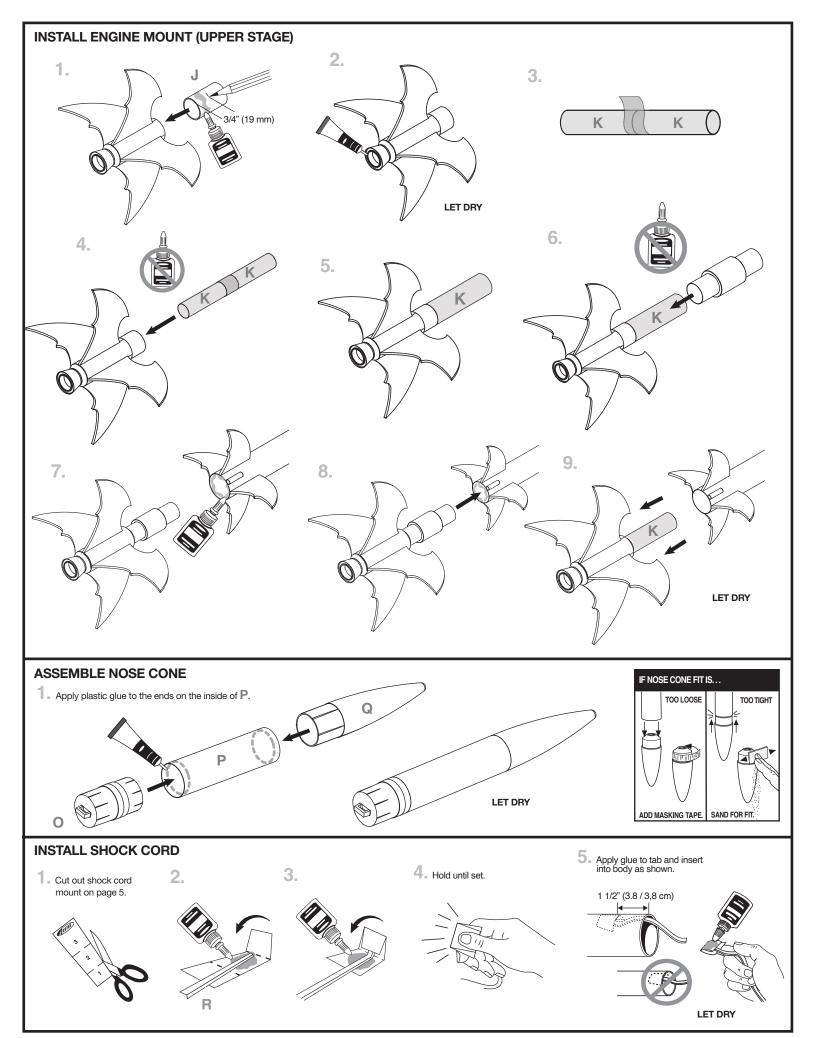
1.



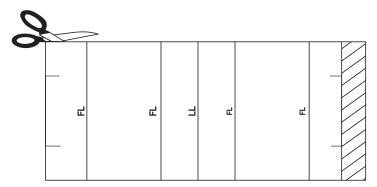
2. Mark line LL as shown.



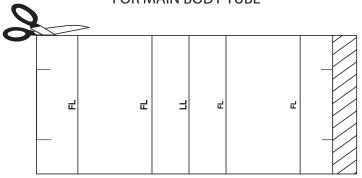




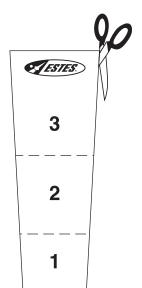
TUBE MARKING GUIDE



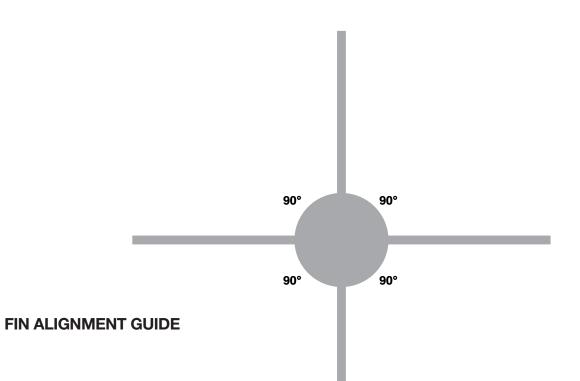
FOR MAIN BODY TUBE

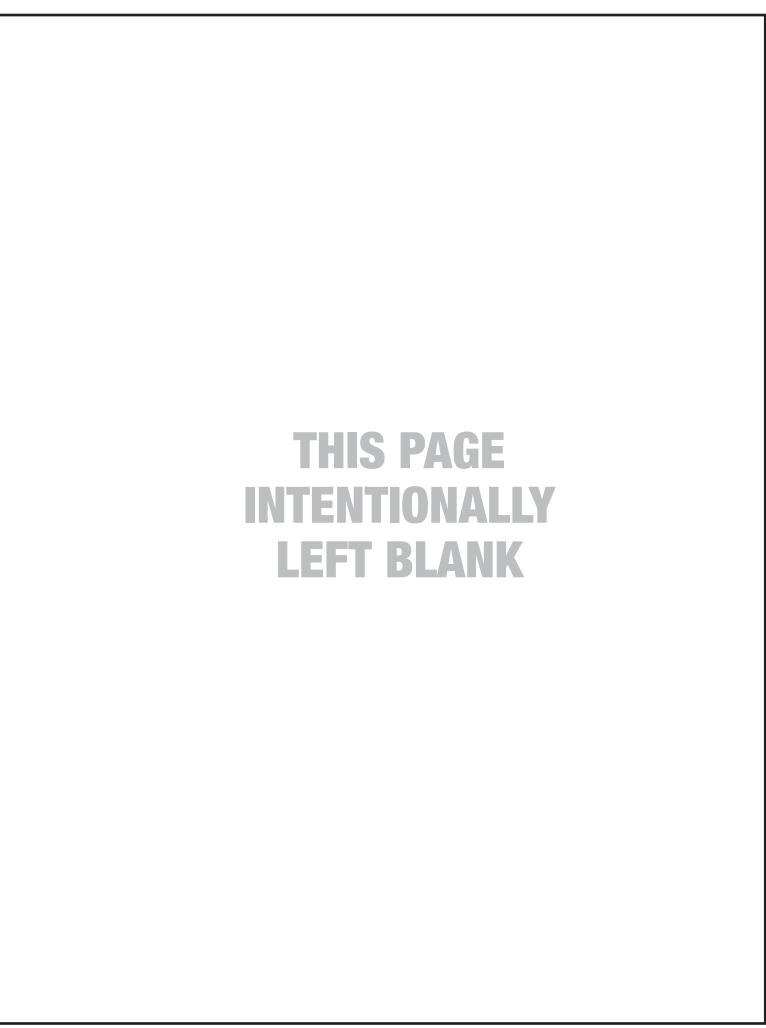


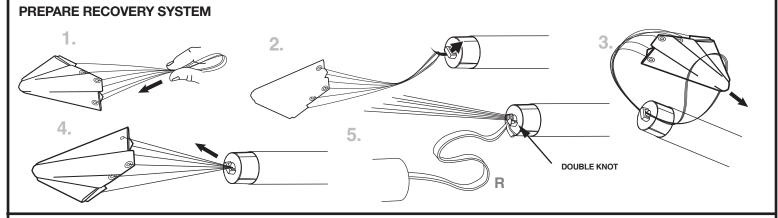
FOR BOOSTER BODY TUBE



SHOCK CORD MOUNT

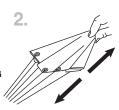


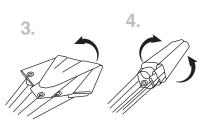


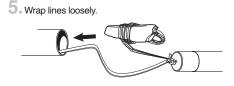


PREPARE FLIGHT RECOVERY









NOTE:

Recovery wadding and parachute must slide easily into body tube. If too tight, redo.

PAINT AND APPLY DECALS

PAINT COLORS

Black Paint

- 1. Spray rocket with white primer, let dry, and sand. Repeat until rocket is smooth.
- 2. Paint entire rocket white.
- 3. Paint nose cone and transition black.
- 4. Mask off rocket and paint back fins red.
- 5. Apply decals only after paint is dry.
- 6. Cut decals from sheet, trimming close to edge.
- 7. One at a time, place in warm water until decal curls and begins to relax.
- 8. Remove and position on rocket, sliding decal away from backing material.
- 9. Blot with clean paper towel. Let set overnight.
- 10. OPTIONAL: Apply protective clear coat.

NOTE:

Please refer to packaging for suggested paint scheme and/or decal placement.

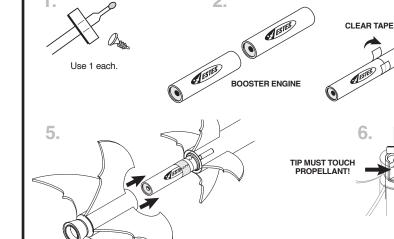




DECAL



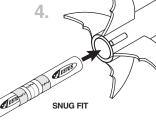
PREPARE TWO-STAGE ENGINE

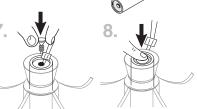








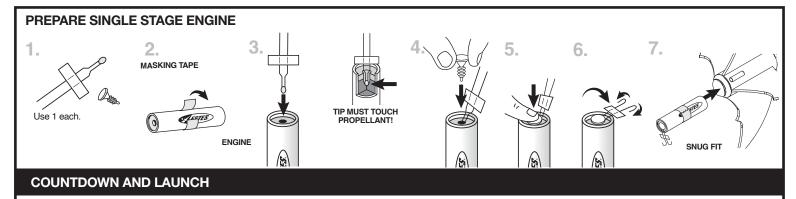


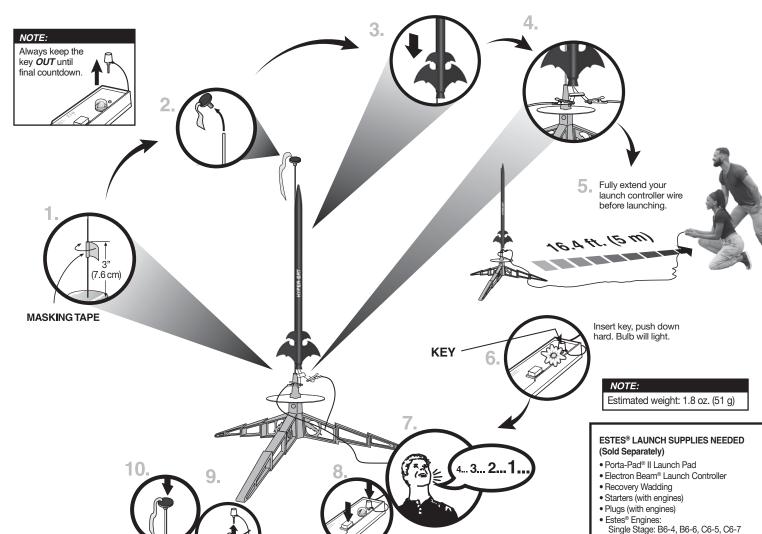




⚠ WARNING: FLAMMABLE

To avoid serious injury, read instructions & NAR Safety Code included with engines. PREPARE YOUR ENGINE ONLY WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH. If you do not use your prepared engine, remove the starter before storing your engine.





PRECAUTIONS



NAR SAFETY CODE









While holding key down FIRMLY, press launch button until LIFTOFF!







NO DRY GRASS OR WEEDS

2 Stage: Booster Stage: A8-0, B6-0, C6-0

Upper stage: A8-5, B6-6, C6-5, C6-7

PRE-LAUNCH CHECK For safety, never launch a damaged rocket. Check the rocket's body, nose cone and fins. Also, check the engine mount, recovery system and launch lug(s). Repair any damage before launching the rocket.

FLYING YOUR ROCKET Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE (enclosed).

MISFIRES TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET. Disconnect the micro-clips and remove the engine. Take the plug and starter out of the engine. A burned starter means the starter tip was not touching engine 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.

PN 090004-7217 (5-25)