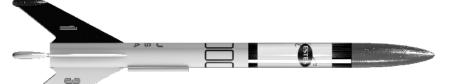


тм 1235 **K35 ASTRON CONSTELLATION**

EstesRockets.com





Skill Level INTERMEDIATE

MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

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

READ ALL INSTRUCTIONS. Make sure you have all parts and supplies. Test fit all parts before applying glue. Refer to your glue manufacturer's dry times during build.

SUPPLIES



















030224 Engine block





YELLOW GLUE

PENCIL

HOBBY KNIFE

RULER

PLASTIC CEMENT

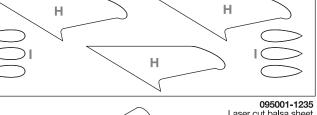
CLEAR TAPE

035021 Engine hook

FINE SANDPAPER

SANDING BLOCK







070153

Nose cone

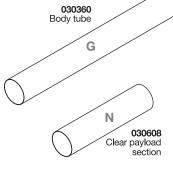
030408 Engine mount tube



030164-2

030168 Maylar retainer ring







0





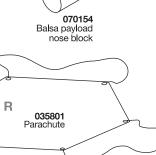
038362

Shock cord

ring

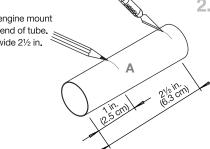




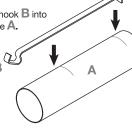




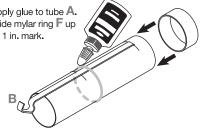
Make a mark on engine mount tube A 1 in, from end of tube. Cut a slot 1/8 in, wide 21/2 in. from end of tube.



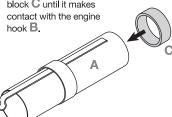
2. Insert engine hook **B** into the slot in tube A.



3. Apply glue to tube A. Slide mylar ring F up to 1 in. mark.

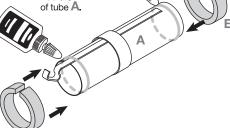


4. Apply glue to the inside of tube A. Insert engine block ${f C}$ until it makes contact with the engine hook **B**.

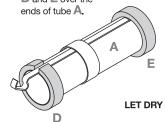


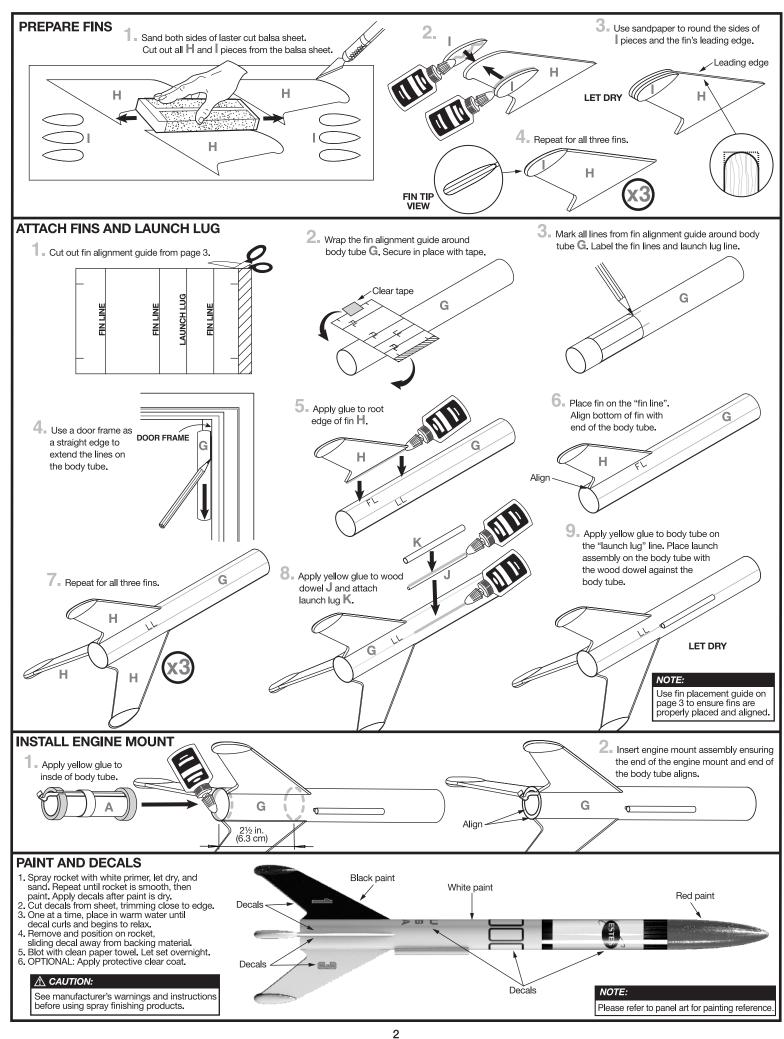
5. Apply glue to ends of tube A.

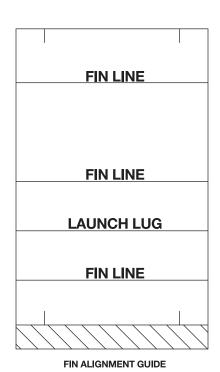
D

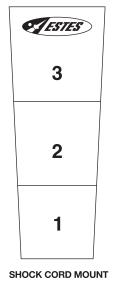


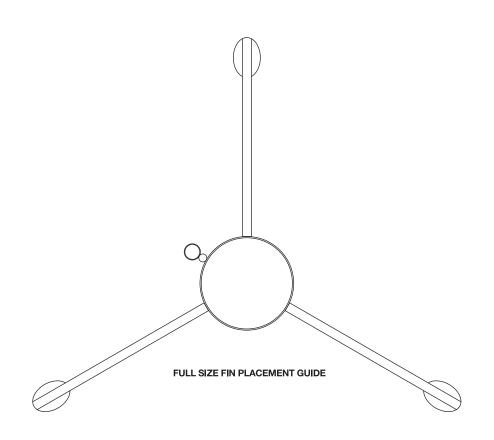
6 Place centering rings D and E over the ends of tube A.



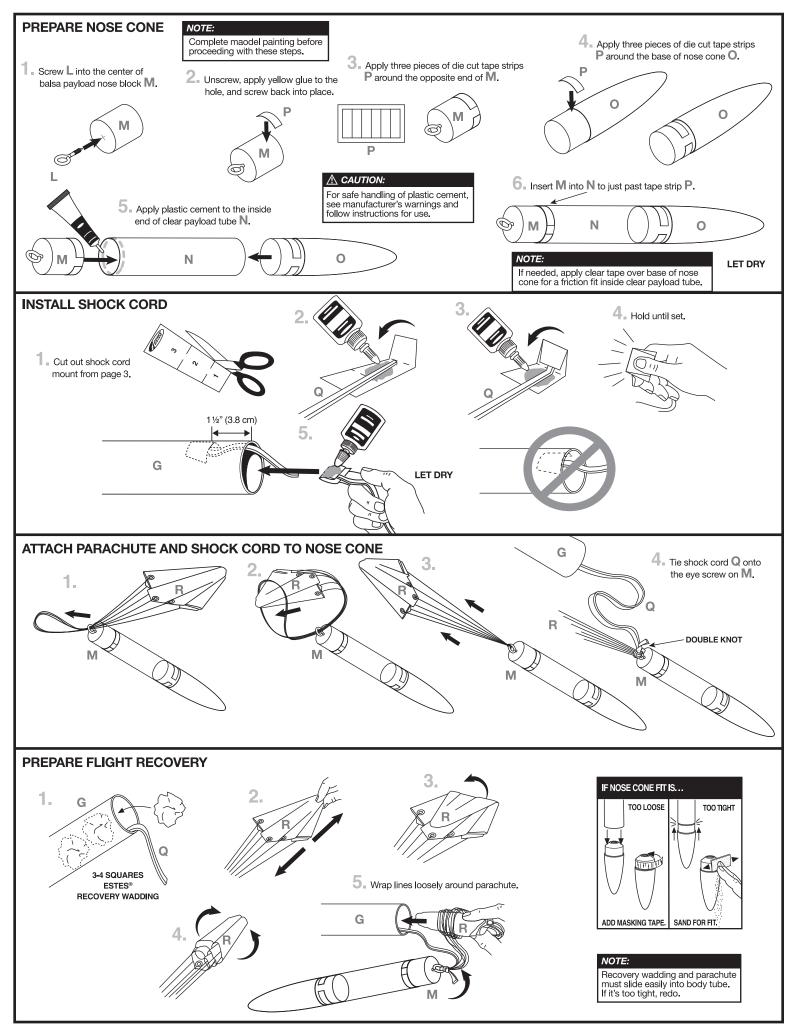


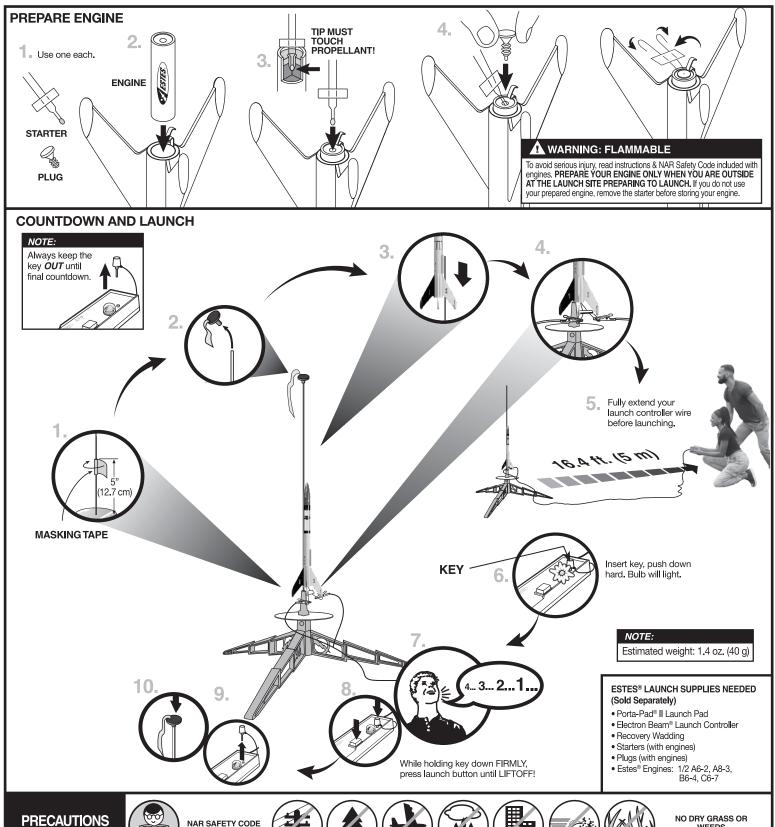














NAR SAFETY CODE













NO DRY GRASS OR WEEDS

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 (1000 ft. [305 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.

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