ESTES INDUSTRIES 1295 H Street Penrose, CO 81240

B. Test fit the remaining

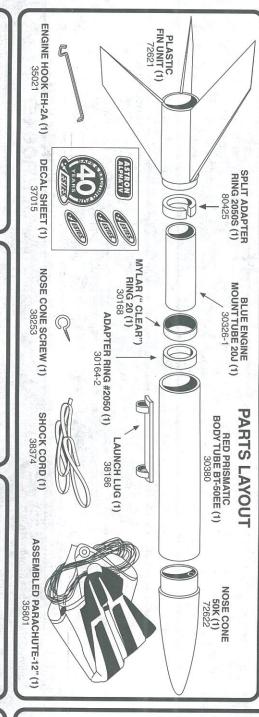
green adapter ring

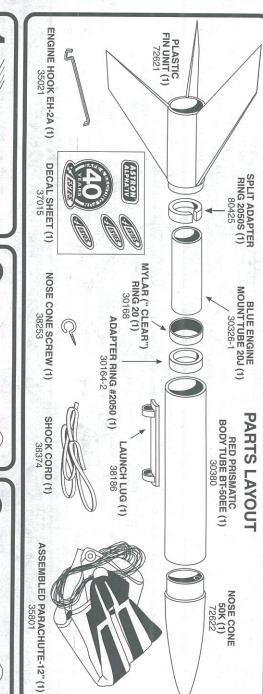
onto the front of the engine tube and sand the inside of the ring until it slides on easily.

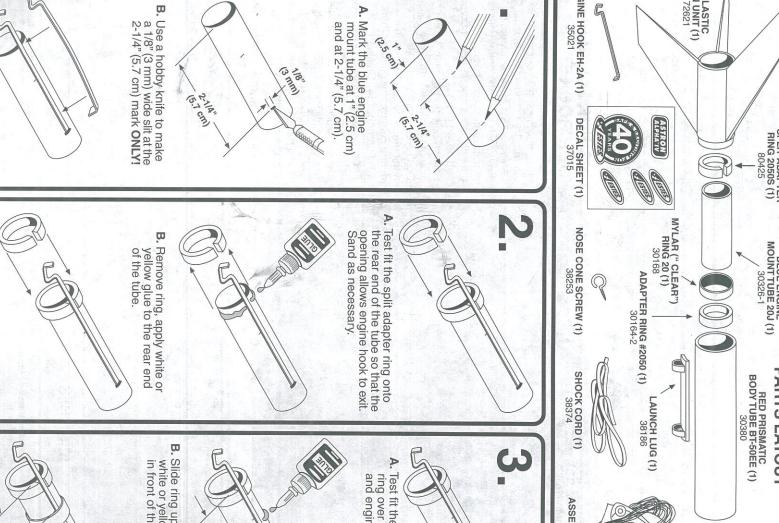
ALMOST READY TO FLY Flying Model Rocket Kit Instructions (6-98) 83103

MATERIALS REQUIRED: PENCIL, HOBBY KNIFE, SCISSORS, WHITE OR YELLOW GLUE, TUBE-TYPE PLASTIC CEMENT, SANDPAPER, RULER ALL GLUED AREAS ARE SHADED IN GRAY

Be sure to read all instructions, test fit all parts, and sand if necessary before gluing.







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Insert the engine hook into the slit as shown.

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Slide ring back onto tube until ends are even and CLAMP TIGHTLY until glue dries.

Slide ring down until it is even with the mark. Let dry **COMPLETELY**.

BE SURE THE LAUNCH

D. Apply glue to

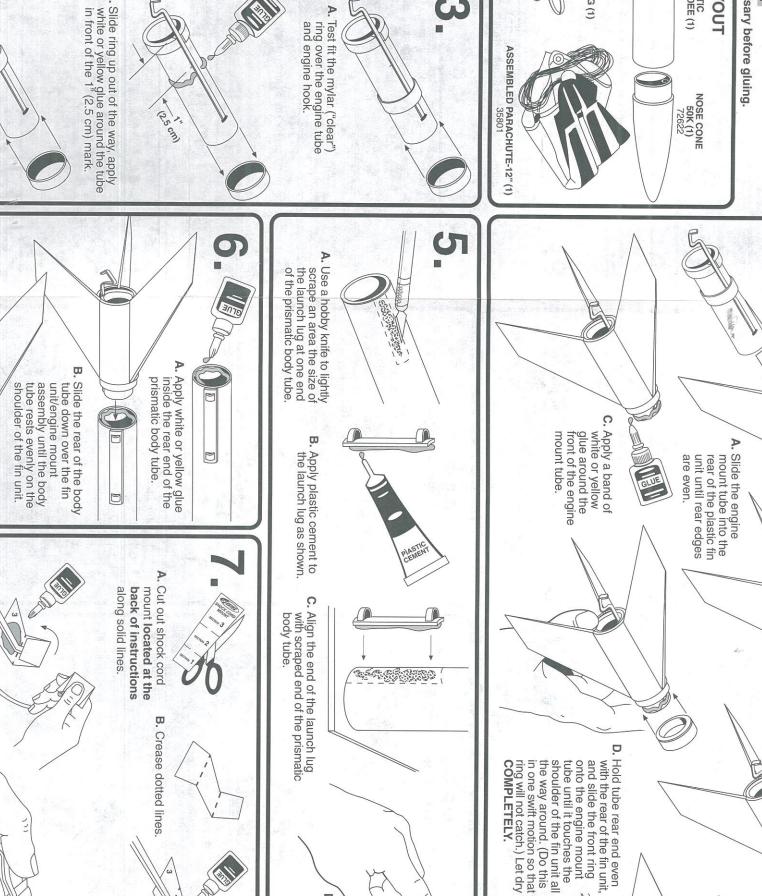
9

into place.

body tube, and press firmly

Glue the shock cord mount inside the front end of the about 1-1/2" (3.8cm) down

section 3. Fold forward again. Clamp firmly



Press into place making sure that the launch lug is straight (parallel to the tube centerline). his is now the rear of the tube.

REAR

dry.

9

Spread white or

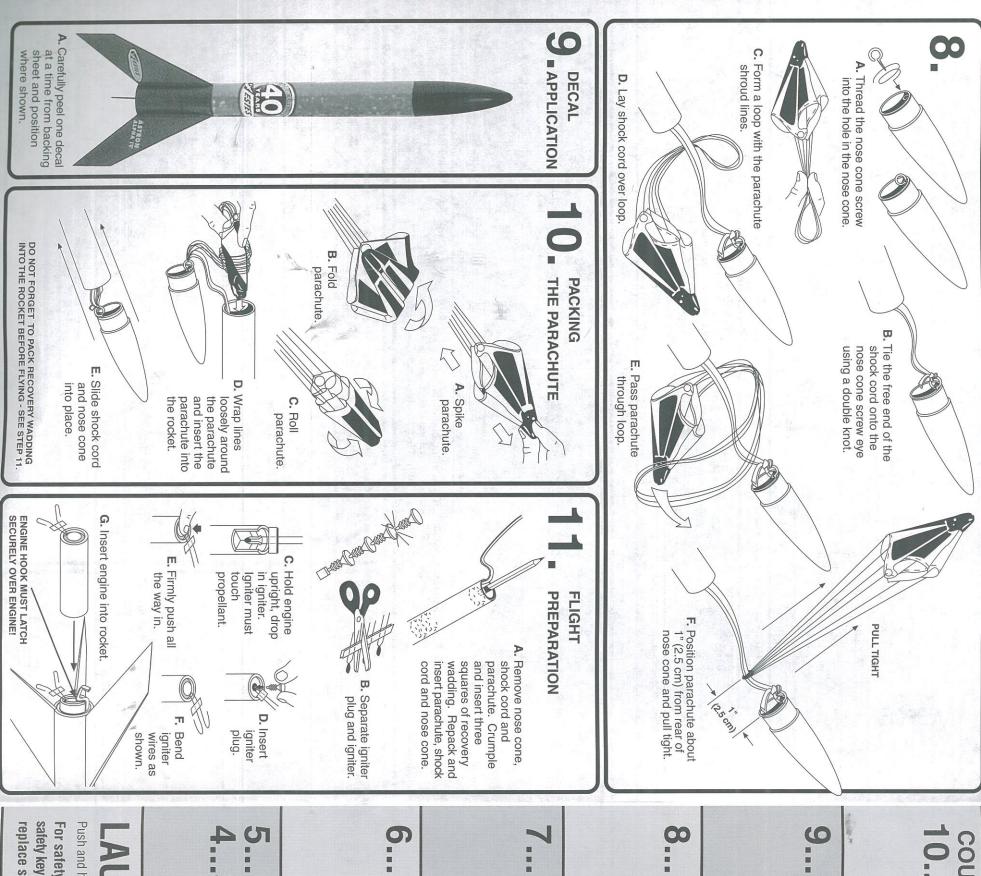
section 2 and lay

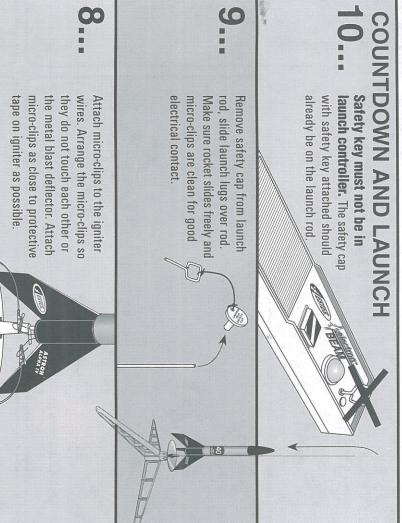
yellow glue on

shock cord into glue at a slight

angle as shown. Fold section 1 over.

1-1/2" (3.8cm)





at least 15 feet - (5 meters) as far as launch wire will permit Move everyone back from your rocket 5 feet (5 meters)

Insert safety key to arm the launch

controller.

Start audible countdown

Push and hold button until engine ignites

For safety, immediately remove safety key from launch controller and replace safety cap on launch rod

MISFIRES

Broken or chipped coati of the igniter. Reinstall th igniter from the engine and install a new one. Be certain the coated tip is in direct contact with the engine propellant. before approaching the When an ignition failure occurs, remove the safety ke from the launch control system and wait one minute previously. Repeat the countdown and launch procedure he igniter plug as illustrated occurs, remove the safety key ng will not affect the performance rocket. Remove the expended

LAUNCH SUPPLIES

To launch your rocket, you will need

the following:

Launch Pad (Estes Porta-Pad® II)

- Recommended Estes Engines: 1/2A6-2, A8-3, B4-4, B6-4, B6-6, C6-5, or C6-7. Launch Controller (Electron Beam®) become familiar with your rocket's flight Use an A8-3 engine for your first flight to
- Recovery Wadding (EST 302274)
 Igniters and Igniter Plugs (included with Estes engines)
- Use only Estes products to launch this

	B4-4.	A8-3.	1/2		EN
B6-4/B6-6 C6-5/C6-7	4	3	1/2A6-2		ENGINE
592	565	255	77	Feet	PROJECTI
180 305	172	78	23	Meters	PROJECTED ALTITUDE

YOUR ROCKET TIPS FOR FLYING

- of recovering your rocket. 250 feet (76 meters) square. The larger the launch area, the better your chance lines, buildings, tall trees, and low flying aircraft. Try to find a field at least Choose a large field away from power
- Launch area must be free of dry weeds and brown grass.
- Launch only during calm weather with a minute or so before launch Don't leave parachute packed more than little or no wind and good visibility.
- Always follow the National Association of model rocketry activities. The safety code Rocketry (NAR) MODEL ROCKETRY SAFETY CODE while participating in any Parachute may be dusted with talcum or 40° Fahrenheit [4° Celsius]) during cold weather (colder than baby powder to avoid sticking.

CUT OUT SHOCK CORD MOUNT

is enclosed with this kit.

	163 200	15	•
SEC	SEC	≥ 00	1
SECTION	SECTION 3	SHOCK CO	53)
N	ြယ	CORD	15

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SECTION