Read all instructions. Test fit before gluing.

PARTS LIST

- DECAL SHEET 37071
- DECAL SHEET 37072
- CAPSULE PARTS 34125
- FIN & MOTOR MOUNT PARTS 33107
- ACCESSORY BAG 85007
- UPPER BODY TUBE 31169
- LOWER BODY TUBE 31170
- COUPLER 31171

SUPPLIES

- SCISSORS
- PENCIL
- RULER
- HOBBY KNIFE
- CARPET GLUE

TRIMMING PLASTIC PARTS

1. ENGINE MOUNT

   A. 2 1/4" (6.4 cm)
   B. 1/8" (3 mm)
4 PARACHUTES

A
CUT

B
LARGE PARACHUTE

C
SMALL PARACHUTE

4 DECALS

A

B
FINS

C
CAPSULE

(10-00)
FLIGHT PREPARATION
LAUNCH SUPPLIES REQUIRED: -Not included. (Estes® brand name only)

ESTES® ENGINES-
ER-1 (First Flight), CB-3, CB-5

ESTES® IGNITERS

ESTES® IGNITER PLUGS

ESTES® ELECTRON BEAM
LAUNCH CONTROLLER

ESTES® PORTA-PAD® II
LAUNCH PAD

LAUNCH SITE

(No dry weeds or
brown grass)

250 ft.
(76 m)

250 ft.
(78 m)

PACK WADDING

1

PACK PARACHUTES

2

ENGINE PREPARATION

3

WARNING:
FLAMMABLE
Read Engine
Instructions and
NAR Safety Code
first. Prepare outside
at launch site only
when ready to
launch. Remove
igniter if not used.

IGNITER
MUST
TOUCH
PROPELLANT!
PRECAUTIONS
- Always follow the NAR Safety Code.
- Choose a large field (250 ft. [76 m] square) free of dry weeds and brown grass.
- Avoid power lines, trees, buildings and low-flying aircraft.
- Only launch with little or no wind with good visibility.
- Don't leave parachute packed more than a minute when colder than 40°F (4°C). Dust parachute with talcum or baby powder to avoid sticking.

KEY ALWAYS OUT UNTIL FINAL COUNTDOWN!

1...

2...

3...

4...

15 FT. (15 M)

5...

Hold key down and press button until LIFTOFF!

MISFIRES
TAKE THE KEY OUT OF THE CONTROLLER, WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

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