



EstesRockets.com

BLUE ORIGIN NEW SHEPARD

2198



1:66 Scale

READY TO FLY MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

IMPORTANT: Please record date found on box near barcode, and keep for future reference. _____

Read all instructions carefully.

PREPARE RECOVERY SYSTEM

1. SHOCK CORD → DOUBLE KNOT

2. PARACHUTE → SHOCK CORD →

3. PARACHUTE → SHOCK CORD →

NOTE: Remove and discard tape on capsule.

PREPARE FLIGHT RECOVERY

1. 6-7 SQUARES → RECOVERY WADDING

2. →

3. →

4. →

5. Wrap lines loosely.

NOTE: Only Estes® recovery wadding recommended.

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

TO ACCESS PAYLOAD COMPARTMENT

1. Twist top cover counter clockwise to remove.

2. →

3. Insert your favorite payload. (Altimeter shown for reference only - sold separately)

4. →

PREPARE ENGINE

1. CLEAR FIN UNIT → ENGINE RETAINER CAP → ENGINE

2. →

3. Tighten until stops.

STARTER PLUG Use 1 each.

4. →

TIP MUST TOUCH PROPELLANT!

5. →

6. →

7. →

NOTE: If clear fin unit wobbles, retighten engine retainer cap.

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.

COUNTDOWN AND LAUNCH

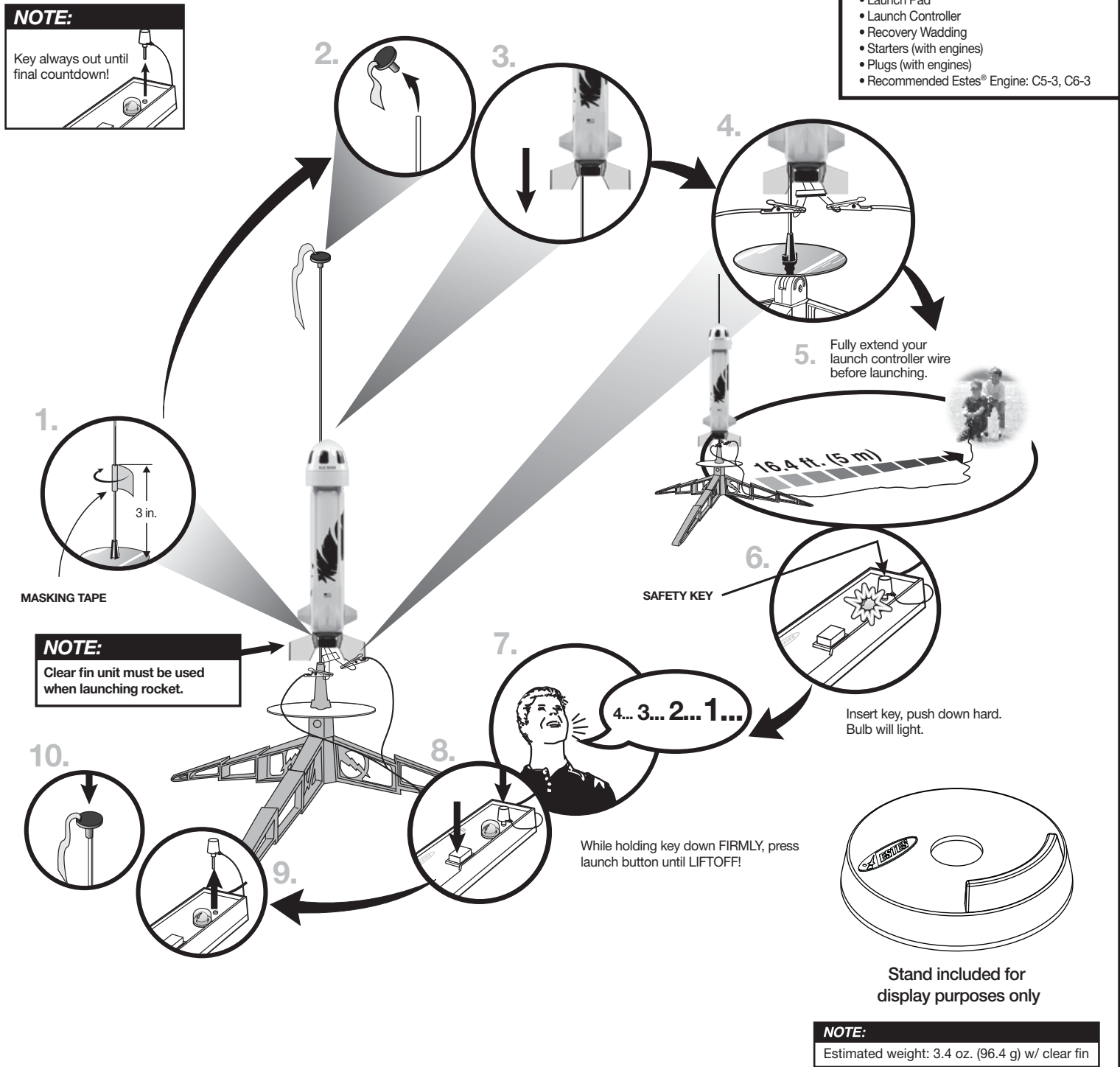
ESTES LAUNCH SUPPLIES NEEDED

(Sold Separately)

- Launch Pad
- Launch Controller
- Recovery Wadding
- Starters (with engines)
- Plugs (with engines)
- Recommended Estes® Engine: C5-3, C6-3

NOTE:

Key always out until final countdown!



MASKING TAPE

NOTE:

Clear fin unit must be used when launching rocket.

SAFETY KEY

4... 3... 2... 1...

Insert key, push down hard. Bulb will light.

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

Stand included for display purposes only

NOTE:

Estimated weight: 3.4 oz. (96.4 g) w/ clear fin

PRECAUTIONS



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 (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. Football fields and playgrounds are great. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE.

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.

