

PREPARE RECOVERY SYSTEM

1. Push recovery wadding down towards end of body tube.

2. 3. 4.

5.

8-9 SQUARES
ESTES®
RECOVERY WADDING

NOTE:

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

Wrap lines loosely.

PREPARE PAYLOAD SECTION FOR LAUNCH

1. Remove nose cone from payload section.

2. Use cushioning to pad egg on both ends.

3. Insert cushioning and egg into payload section.

4. Reattach nose cone to payload section.

SUGGESTIONS FOR CUSHIONING

- Paper
- Paper towels
- Tissue
- Tissue paper
- Sponge
- Foam

PREPARE ENGINE

1. STARTER

2.

3.

4.

5.

6.

7.

PLUG

Use 1 each.

TIP MUST TOUCH PROPELLANT!

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.

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LAUNCH PROCEDURE

NOTE:

Key always out until final countdown!

2. 3. 4.

5.

6.

7.

8.

9.

10.

16.4 ft. (5 m)

NOTE:

Fully extend your launch controller wire before launching.

KEY

Insert key, push down hard. Bulb will light.

NOTE:

Estimated weight: 3.5 oz. (99.2 g)

NOTE:

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

NOTE:

May also be launched from the 2215 Estes Porta-Pad® II Launch Pad.

ESTES® LAUNCH SUPPLIES NEEDED
(Sold Separately)

- Launch Pad
- Launch Controller
- 3/16 in. (5mm) Maxi™ Launch Rod
- Recovery Wadding
- Starters (with engines)
- Plugs (with engines)
- Recommended Estes® Engines

With Egg: C11-3, C11-5, D12-5

Without Egg: C11-5, D12-5, D12-7

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 (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. If the starter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new starter 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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PAP

PN 090004-1718 (6-19)

6

ESTES®

estesrockets.com

GREEN EGGS™

1718

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. Sand as necessary for precision assembly. Product color and shape may vary.

SUPPLIES

SCISSORS

PENCIL

RULER

FINE SANDPAPER

CARPENTER'S GLUE

HOBBY KNIFE

MASKING TAPE

CLEAR TAPE

PRIMER (WHITE)

CLEAR COAT (OPTIONAL)

PAINT (GREEN, WHITE)

SAND BLOCK

A 030362

Engine mount tube

B 035021

Engine hook

C 030164-2

Green engine block

D 030480

Black engine hook retainer ring

E 090052-1718

Laser cut centering rings

090001-1718

Self-stick decal

G 090051-1718

Laser cut wood sheet

F 046005

Main body tube

H 030110

Nose cone

I 030110

Adapter

L 038363

Shock cord

M 035802

Parachute

K 038166

Launch lug

J 030606

Clear payload section

SHOCK CORD MOUNT

ESTES®

3

2

1

Make a copy if you want to keep instructions.

1

PREPARE FINS

1. Sand both sides.

2. Use hobby knife to gently remove fins.

3. ROUND EDGES

BEFORE

AFTER

MARK BODY TUBE

1. Make a mark in the middle of any two fin slots.

2. Use a door frame to extend mark into line.

ASSEMBLE ENGINE MOUNT

1. Use hobby knife to remove centering rings.

2.

3. Insert B.

4.

5.

6.

7. Add glue fillets. Let dry.

INSERT ENGINE MOUNT AND ATTACH FINS

1. Apply glue inside F. Insert the engine mount.

2.

3.

4.

5. Check alignment using alignment guide below.

6. Let dry.

ATTACH LAUNCH LUG

1. Apply glue to F. Attach K as shown.

2. Apply glue fillets to both sides of all joints.

3. Smooth glue fillets with finger. Let dry.

INSTALL SHOCK CORD

1.

2.

3.

4. Hold until set.

5. Apply glue to shock cord mount.

6. Glue shock cord mount to the inside of E.

7. 1 1/2" (38 mm)

ROCKET FINISHING

1. Spray rocket with white primer, let dry, and sand. Repeat until rocket is smooth, then paint.

2. Apply self-stick decal.

ASSEMBLE PAYLOAD SECTION

1. Use hobby knife to cut nose cone into 2 sections.

2. Use hobby knife to remove excess plastic from eyelet piece.

3.

4.

ATTACH PARACHUTE

1.

2.

3.

4.

5.

2

3

4