Seal all exposed fibre-fin edges with a thin film of glue for best appearance and strength.

Reinforce all fin and luglet glue joints with glue "fillets". Run a bead of glue along each joint and smooth into neat fillets with your finger. Use glue sparingly and wipe away excess. Allow to dry thoroughly before painting, but don’t let any fins sag.

Peel the backing off the small pressure-sensitive tab and rub the tab onto the nose cone base (the paper tab allows you to glue the plastic nose cone with ordinary white glue or Centuri Superbond). Apply a bead of glue just inside the body tube and insert the cone with a firm, turning motion.

TIP: You may save this step until after painting the rocket if you want to keep the original nose cone color.

NEVER USE "DOPE" ON PLASTIC PARTS:

Spray painting your finished model with a fast-drying enamel will produce the best results, . . . IF IT IS DONE PROPERLY!!! Most important is the number of coats of paint. DO NOT try to paint your model with one heavy coat! Instead, give it a couple of quick, light coats first and THEN a finish coat. Let each coat dry before applying the next.

When all glue joints are thoroughly dry, the model is ready to be painted.

RECOMMENDED COLOR SCHEME

DARK COLOR
Royal blue, red or black.

LIGHT COLOR
White, yellow or silver.

ENGINES

Igniters and complete engine installation instructions are included in "Engine Operating Instructions" which accompany all Centuri Engines.

The Moonraker can be launched with the following engines:

<table>
<thead>
<tr>
<th>ENGINE</th>
<th>APPROXIMATE ALTITUDE</th>
<th>PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>½A6.4</td>
<td>200-300 feet</td>
<td>LOW ALTITUDE - for first test flights and small launch areas.</td>
</tr>
<tr>
<td>A5.4</td>
<td>350-450 feet</td>
<td>MEDIUM ALTITUDES - for general flying and medium size launch areas.</td>
</tr>
<tr>
<td>A8.5</td>
<td>400-600 feet</td>
<td>HIGH ALTITUDES - for extremely high flights and large launch areas.</td>
</tr>
</tbody>
</table>

More powerful engines (B4-6, B6-6, C6-7) may be used, but there is little chance of seeing and recovering the tiny Moonraker with those extreme altitudes.

FLIGHT PREPPING

1. Prepare a recommended engine with an igniter.
2. Insert the engine (the lower unit may point either way).
3. Bend the end of the wire retainer across the engine to hold the rocket together. Be sure the wire does not short circuit the igniter wire or the micro-clips.

Carefully prepare and check your rocket before each flight.

Launch the Moonraker from any standard model rocket launcher having a 1 1/8” diameter x 36” long steel launch rod.

Do not leave the rocket sitting in the sun for long periods as this may soften the adhesives.

Referring to the specific instructions which accompany Centuri launchers and firing panels, mount the rocket on the launcher and prepare for ignition. Avoid eye injury by capping the exposed tip of the launch rod when not actually launching!

The Centuri MOONRAKER is not just the average model rocket! Built as two separate components, the rocket does not hold itself together until you insert an engine.

The rear unit may be pointed in either direction when prepared for flight. Both configurations are very stable in upward flight.

When properly built and prepared, the MOONRAKER has an engine (not included) inside, and the retainer wire outside, thus holding the front and rear units together. After rocketing hundreds of feet into the air, the engine's ejection charge ignites, pushing the engine out the rear and releasing the retainer wire. The two units are now separate, and are aerodynamically unstable. They drift gently to earth, spinning rapidly... very much like a gyro copter. The light weight expended engine casing tumbles harmlessly to earth also. The MOONRAKER is very durable and will survive countless flights.

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MOONRAKER

SPIN-TUMBLE RECOVERY

- Great Beginner Rocket
- Fun and Safe to Fly
- Dual Configuration

CONCEPT

FLYING MODEL ROCKET KIT

ASSEMBLED 10.7" HI 5.5" RECOMMENDED AGE: 10 TO ADULT

Made in U.S.A.

Contemporary Engineering Co., Inc., Phoenix, Arizona 85014