

Rocket Pad Instructions

www.water-rocket-launcher.com

[email: rocketpad@water-rocket-launcher.com](mailto:rocketpad@water-rocket-launcher.com)

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1. One blast pad with latch and trigger assembly and rubber stopper

HOW TO USE:

1. You simply connect your PROPELANT TRANSFER FACILITATOR (bicycle tire pump) to the bottom of the LAUNCH PAD.

2. Fill your pop bottle about half full of water (1/3 is best) or however full you want then set it on the stopper. Some water will spill out but that's ok.

3. Put the latch down on the pop bottle then put the trigger (string is tied to it) over the latch.

NOTE: if the trigger does not fit snug on top of the latch you can take the pop bottle back off and then screw the trigger clockwise one or two turns on it's screw.

4. Then pump about 20 pumps or however much you can - CLEAR THE LAUNCH AREA and do the count down and pull the trigger!

NOTE: Pull the string perpendicular to the direction the trigger is pointing.

BEST PERFORMANCE: The report is in from a scout group that tested this pad. They determined that 1/3 full of water at 80 psi or more had the best altitude. It blasts off **100 to 200 feet** almost instantly at these pressures.

TESTS:

I have tried making a **parachute** using a grocery bag and placing it under a cardboard cone that was supposed to fall off at max altitude. The cone would fall off too soon but the parachute worked great!

WARNING: This is a rocket and requires some supervision to keep kids away from the blast zone of the rocket when you do the count down. The heavier you are the more power it has. I checked one web site and the guy **EXPLODED** his pop bottle at 135 psi so be careful.

