

# IMPORTANT LEGAL AGREEMENT

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The following terms form a legal agreement between you ("Consumer") and AntiGravity Research Corporation ("AntiGravity"). By using this product and/or its documentation (hereinafter referred to as "product") as provided or in any subsequent form, you acknowledge that you have read, understood, and agree, to be bound by these terms and to comply with all applicable laws and regulations. If you do not agree to these terms, do not use this product and return it, for a full refund, to the original place of purchase.

## PRODUCT LIABILITY LIMITATION

AntiGravity shall not be liable for any consequential or incidental damages, injury, loss or expenses arising from the use or inability to use this product for any purposes whatsoever, or for any willful or accidental misuse of the product. By using the product, the consumer acknowledges that the product is intended for specific educational and recreational purposes and that adult supervision, caution and reasonable care should be exercised in its use. Unacceptable uses include but are not limited to, launching the product into the flight path of aircraft, launching the product toward people or vehicles, or using the product to create an explosive device or using the product in any way which may cause injury to self or others. The consumer agrees to release AntiGravity, its owners, employees, heirs, assigns, officers, agents and associates from any and all liability, claims, demands or actions or causes of actions arising from or blame whatever arising out of any damage, injury, loss or death resulting from any cause whatever, whether the result of misuse, the fault of the user, a defect in the product or from any other cause whatever, regardless of intention. No action or representation written or verbal on the part of AntiGravity or any other can amend, make void, or alter this product liability limitation in any way at all. The consumer agrees to all of the terms of this limitation when using the product. If you do not agree to these terms, then do NOT use the product and return it, for a full refund, to the original place of purchase.

## DISCLAIMERS

AntiGravity explicitly states that this product is not meant for use by unsupervised children and is not meant for use with any air pump other than a standard low pressure hand-powered bicycle air pump, nor is it meant for use with any bottle other than a plastic bottle that previously contained fizzy pop. Using any air pump capable of applying more than 80 pounds per square inch of pressure or using anything other than a pop bottle is strongly DISCOURAGED.

## JURISDICTION

AntiGravity is located in and operates from Chilliwack in the province of British Columbia, Canada and no other location. The laws of the province of British Columbia shall govern these terms and conditions and any dispute related thereto without regard to choice of law rules. Consumer hereby consents and agrees to exclusive jurisdiction and venue of courts in New Westminster, British Columbia, Canada. Use of this product is unauthorized in any jurisdiction that does not give effect to all of these terms including, without limitation, this paragraph.

## SEVERABILITY

If any part of this agreement is deemed to be invalid or unenforceable for any reason, then such invalid or unenforceable provision shall be deemed superceded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in effect.

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www.antigravityresearch.com email: sales@antigravityresearch.com toll-free: 1-866-546-8633  
phone 604-824-9021 fax 604-648-8192



Take a closer look at the AntiGravity Payload Rocket Super-thrust lifter nozzle so powerful

it pushes the earth away from your payload!



Flexible harness holds firm but gentle, just in case your egg hatches.



Load pod has aero-fingers for reliable separation and chute deployment.



Plenty of spare elastic bands to help you keep everything together.



Resilient expanded polystyrene triple stabilizer fins with special shock-mount system.



All the instructions you could ever want to look at, and less.



AntiGravity's expanding-bulb launcher keeps you 25 feet away from the pressurized bottle.



When you get tired of sending eggs up, try a digital camera.



When the rocket stops pushing, the pod falls up and dumps, hundreds of feet off the ground.



Guide rod for vertical liftoffs.



Not included in this kit: egg, camera, bottle, pump.

**AntiGravity**  
Research Corporation

# Eggs, anyone?

Let's face it, having eggs prepared the same way every day can get pretty predictable: over easy, soft boiled, hard boiled, devilled, scrambled, microwave flambe'. Isn't it about time for something new? How about Eggs Altitude? Lift the humble egg way up where it was meant to be. Just follow this simple recipe:

To one AntiGravity Payload water rocket, add 200 ml of water, top with egg, parachute and passive deployment pod. Season lightly with air from your bicycle pump and voila! Eggs just got exciting again. For variety, try using a digital camera instead of an egg. AntiGravity's new Payload Rocket.

www.antigravityresearch.com email: sales@antigravityresearch.com toll-free: 1-866-546-8633  
phone 604-824-9021 fax 604-648-8192 Price and product are subject to change without notice.

# Payload Rocket: Step by Step Instructions

On each of the panels below, begin at the left and work to the right. Relax, and take your time, and before you know it, you'll be a real rocket scientist! Assembly time: 5 minutes.

## Boing!

This is your supply of elastic bands. There are 2 different types: thin and thick. Keep the extras as spares.



## Parachute

Carefully install the egg in the harness.



Fan-fold the parachute starting at the pod end. Fold it small enough to fit in the blue pod, parachute first.

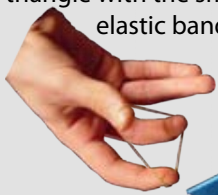


Loosely stuff the parachute into the pod and place the egg carefully on top in the very center.



## The Fins

Use your thumb and two fingers to make a triangle with the small elastic band.



With the other hand, hold the fins in an assembled position with the points up, around your middle finger.



Install the small elastic on the bottom of the fins.

Transfer the fins to your other hand. Use your thumb and two fingers to make a triangle with the fat elastic.



Install the fat elastic on the top of the fins. Make sure there are no twists in it.



## The bottle

Bring a 2-liter plastic pop bottle full of water with you to the field. From it, fill your rocket bottle with about 1 inch of water. (200 ml).



If the retainer ring is still on, snip it off.

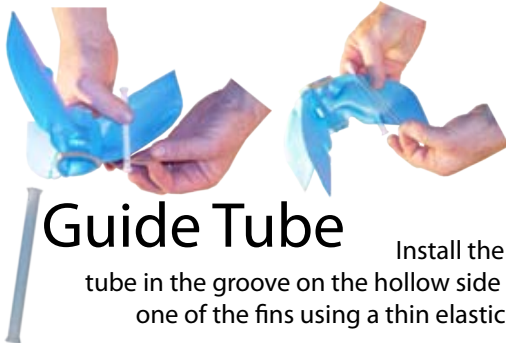


Push the fins onto the bottle until they click into position. Try not to spill any water!



## Guide Tube

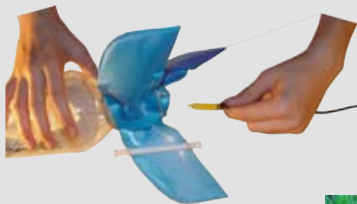
Install the guide tube in the groove on the hollow side of any one of the fins using a thin elastic band.



Once your rocket bottle has water in it, install the nozzle-cap on the mouth of the bottle. Screw it on firmly.

## Countdown!

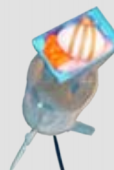
Push the yellow bulb on one end of the launcher hose into the nozzle cap.



Press the guide rod through the red safety marker 2 inches into the ground in a big open field.



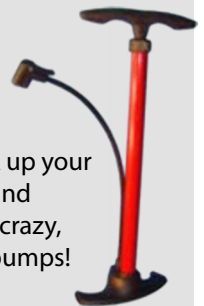
Then slide the rocket's guide tube over the rod.



Carefully place the parachute pod on top of the rocket.

Uncoil the hose so you can stay 25 feet away.

Then hook up your air pump and pump like crazy, about 50 pumps!



## Safety!

Adult supervision required.

Make sure to stay at least 20 feet away from the rocket while pumping.

Don't launch around crowds of people. They might get hit by falling objects.

Don't climb up high or dangerous places to retrieve your parachute or rocket. Be safe!



A view from the parachute.

Suffocation hazard: Keep the parachute away from small children.

## Launch!

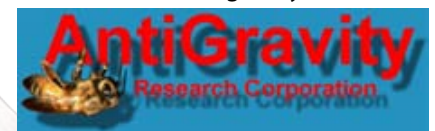
Pump until the rocket launches. If you want to launch sooner, disconnect from the bicycle pump. The rocket travels as high as 200 feet!

Never send anything up that might hurt when it comes down.

For extra protection, wear a helmet with face shield. Also, get one for all your spectators!

The reusable Payload Rocket can be launched over and over!

For additional ideas, application information, and troubleshooting hints, visit [www.antigravityresearch.com](http://www.antigravityresearch.com).



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# Payload Rocket Extra Instructions

1. The following items are not included in the Payload Rocket Kit, and must be provided by the rocket user: empty 2-liter plastic pop bottle, egg or camera, bicycle air pump.
2. It is very important that the egg or payload be firmly placed in the exact center of the parachute-filled cup. If it is off center it may fall off of the rocket on the way up, instead of at the top of the flight.
3. Don't launch the rocket on a windy day. The parachute may travel too far and not be retrievable.
4. Never get the parachute wet, soapy or sticky. It will not open up properly and your payload will come crashing down.
5. Using 10% to 20% non-toxic handwash dishsoap in the rocket water will help the rocket to fly up to 50% higher. It raises the center of gravity by foaming up during pressurization, and allows you to put more water in the rocket.
6. If you want to try putting more water in your payload rocket, increase it gradually from one flight to the next. Too much water will make your rocket tip over and fly sideways when launched.
7. Danger: never launch the rocket under or near overhead electrical wires.

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