



IMPLS Launch Systems

4875 Beryl St. Las Cruces, NM. 88012

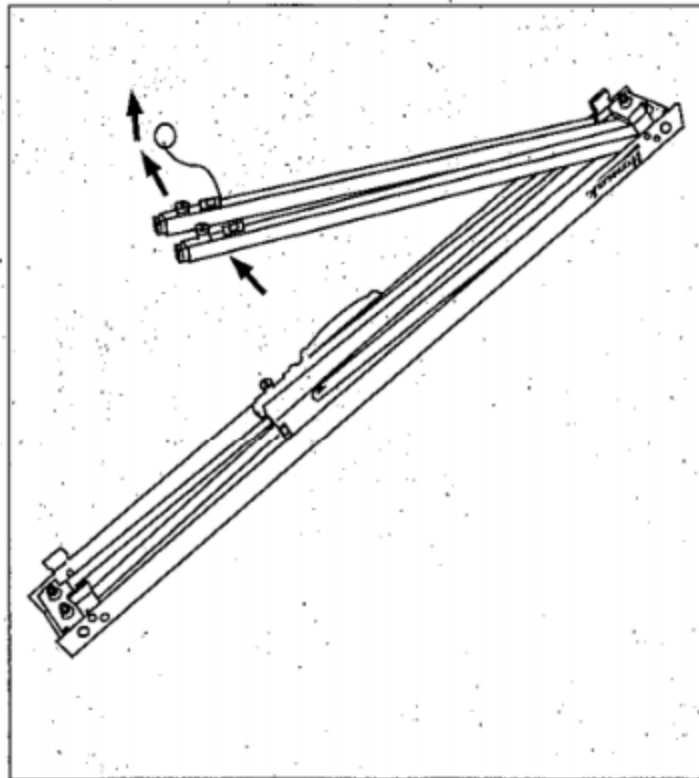
IMPLSLaunch.com

User Manual - *SPORT*

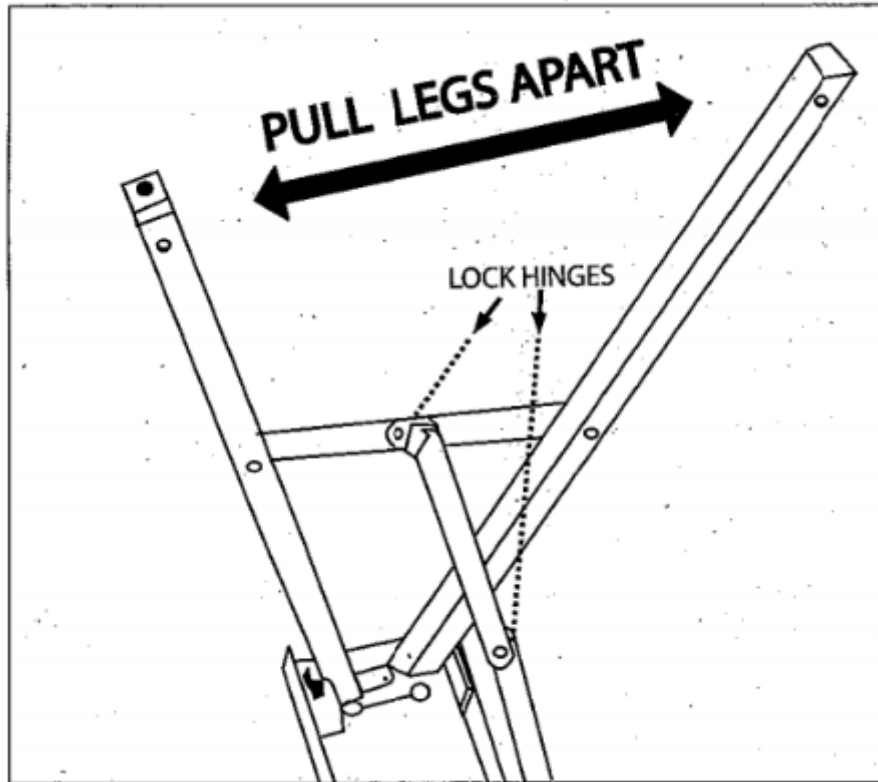
The *IMPLS SPORT* is a five position launch rack for model rockets providing $\frac{1}{8}$ and $\frac{3}{16}$ " launch rods. It is manufactured with sturdy and durable materials to provide you with many years of reliable service.

Setup

You may unfold the stand either standing up with the rack vertical, or you may lay it on the ground on it's side. The key fact to remember is that the lega with the little cable sticking out needs to be first out, and last in.



Pull out the little cable and use it to drag out the legs.



When you have locked the legs open, pull out the other set of legs and repeat.

Set the rack so that the numbered face faces the LCO table and controller. Twist and pull the PVC cap on the right hand side to remove. Tilt the whole rack from left to right to dump out the launch rods, lever, and stand-offs.

Insert the angle adjustment lever from the front into the hole in the left side PVC cap so it pushes all the way through to the back.

Secure the launch rods by screwing each onto a threaded mount. **Do not Tighten them.** You may use any combination of $\frac{1}{8}$ " and $\frac{3}{16}$ " rods as suite your needs. Stow the rods you did not select back inside the rack and gently replace the cap. Drop a standoff over each launch rod. You are now ready to set up your launch controller.

Tear Down

Pull off the standoffs and set aside. Remove the right-hand PVC cap and dump out the extra rods. Unscrew each launch rod and bundle them together. Remove the angle adjustment lever and add it to the bundle. Slide the standoffs one at a time onto the bundle. Insert the budle into the rack and gently secure the PVC cap with a little twist.

You may refold the legs standing up with the rack on end, or lay it down on it's side and fold them that way. Start with the legs that do not have the little cable sticking out. Press on the hing

between the two legs to push it toward the top, then push up on the locking brace to fold the legs together and into the rack.

You will repeat this process with the other set of legs. This time, before you fold them in you will need to squeeze the already folded legs together at the base where these legs will fold into the outside of the first legs. Press the legs firmly into place.

Pick the rack up by the handle and you are ready to go.

More About The SPORT Launch Rack

Store the SPORT in a dry location out of direct sunlight. The PVC will discolor and deteriorate from exposure to ultraviolet light. This will not be a problem for a very long time, but only if you store it out of direct sunlight.

We recommend that you hang your launch rack in the garage on a peg board using suitable hook hangers. The underside bar makes this a very practical thing to do. This will reduce the risk of damage from being dropped or getting water-soaked.

In case a launch lug mount screw is damaged you may easily replace it with a standard #10-24 1 ½" long screw. Choose a Phillips Head screw with a flat head so that it does not interfere with your standoffs and launch rods when you stow them inside the stand. IMPLS Launch Systems also sell sets of replacement ¼ and 3/6" launch rods designed for this #10-24 mount.

Thank You!