

How to Build an Easy LAW

I don't have that much information on this specific type of LAW as I have never actually built one of these kinds, but a friend of mine supplied me with some photo's and info for aspiring builders.

It uses Schedule 2" 40 pvc for the barrel, with 2" Schedule 80 quick connect fittings to allow breech loading. Since I didn't want a pvc pressure chamber, I first tried to attach a gas source straight to the nozzle inlet. That didn't work well, either with CO2 or HPA. A 12 gram wouldn't push it hard enough to make a good launch and a 12 ounce tank would work good but dump too much CO2, giving only a couple of shots. This sucked, so I tried a HPA bottle, but the regulator would not flow enough to work either.

So I made an expansion/dump chamber out of some Stainless pipe fittings and tried it. It works like a charm, causing me to lose a couple of nerf rockets. It shot a lot better than I thought. When using a HPA/CA tank an on/off is used to prevent losing too much gas per shot. It also works well off a 12 gram changer. Since it shoots well, I'll be replumbing the expansion/dump chamber to make it neater.





PHOTO ABOVE SHOWS DETACHABLE BARREL



PHOTO ABOVE SHOWS BARREL WITH NERF ROCKET INSIDE