



INSTRUCTION MANUAL SHOULDER SHOT

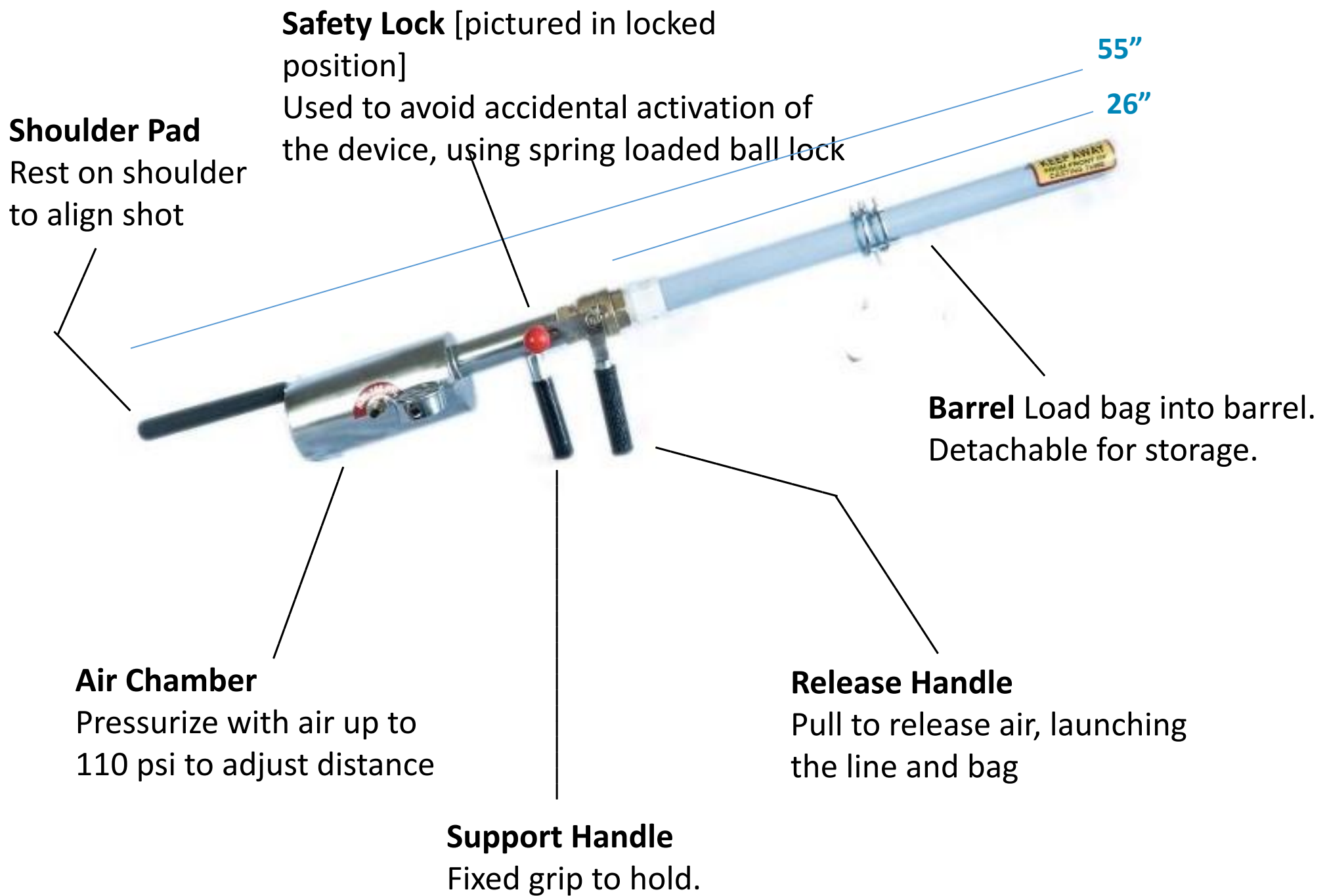
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SAFETY CHECKLIST

1. Make sure the Shoulder Shot is assembled correctly.
2. Have crew discussion about use and clearance points, and the direction of launch.
3. Make sure crew is aware of surroundings, and has properly signaled that the device is about to be activated.
4. Refer to distance chart for correct device activation protocol and psi levels.
5. Inspect Throw Bag for damage or dirt, and clean as necessary.
6. Inspect unit for any sign of damage.
7. Tie, and check knot attaching the Bean Bag to the throw line.
8. Be certain that the spring-loaded locking feature is in the locked position.
9. Insert the Throw bag back end first (string end first) into the clear PVC barrel
10. Be sure the Throw bag has slid down the entire length of the barrel
11. Verbally announce preparation for activating the device
12. Set the Tree Toppler firmly, and comfortably on the shoulder of the personnel activating the device
13. Check for clearance of the desired target.
14. Move the spring-loaded locking feature to the unlocked position
15. Hold firmly, engage the release handle, and fire the Shoulder Shot Tree Toppler

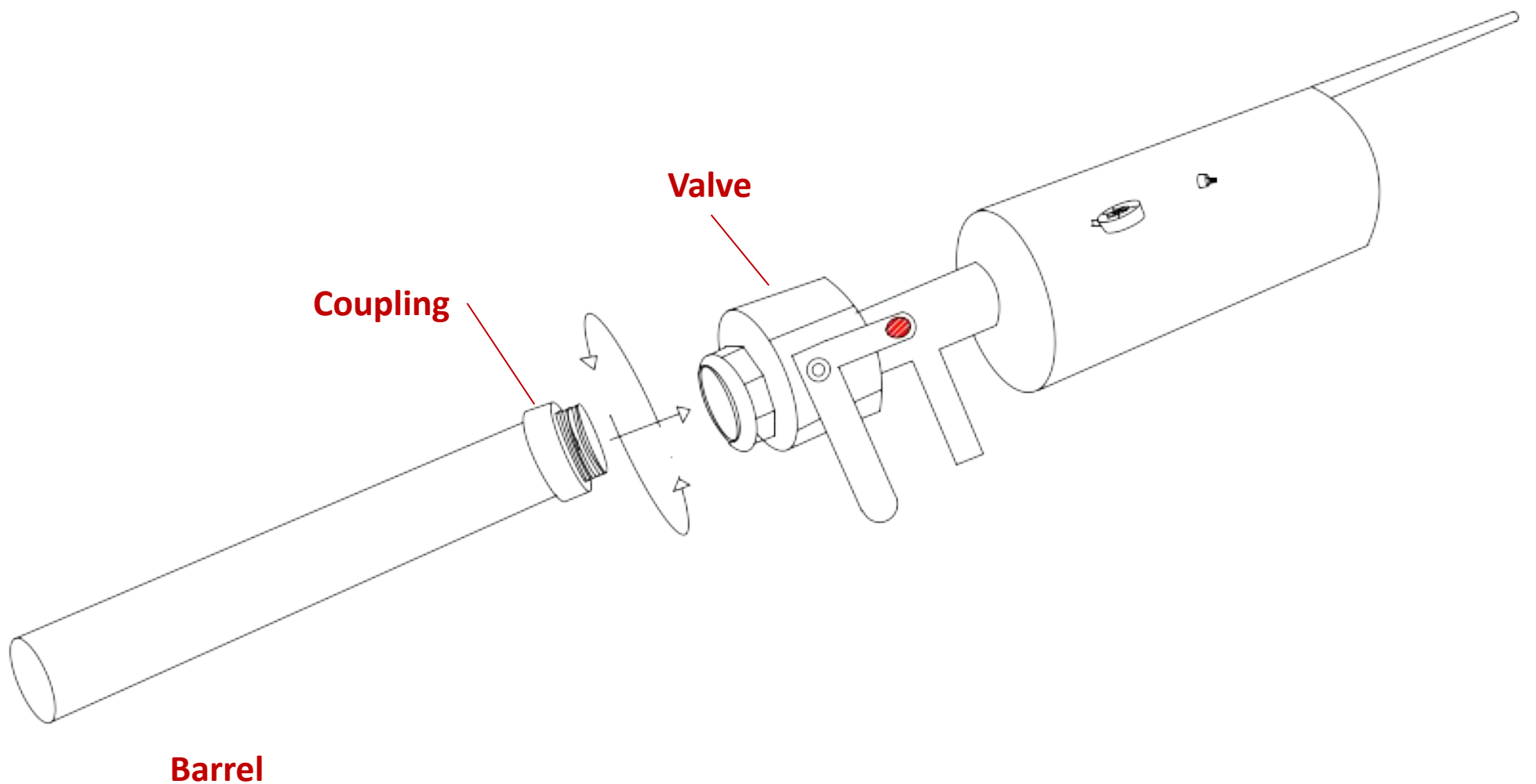


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STEP 1

Connect the clear PVC barrel to the device by screwing the white coupling to the valve.





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STEP 2

Attach your throw line to the bean bag.

The 12 ounce Weaver throw bag is recommended. Other bags work if they fit tightly in the barrel.

Connect line to the
back end of the
throw bag

REQUIRED:
12 Ounce weaver
Throw bag.





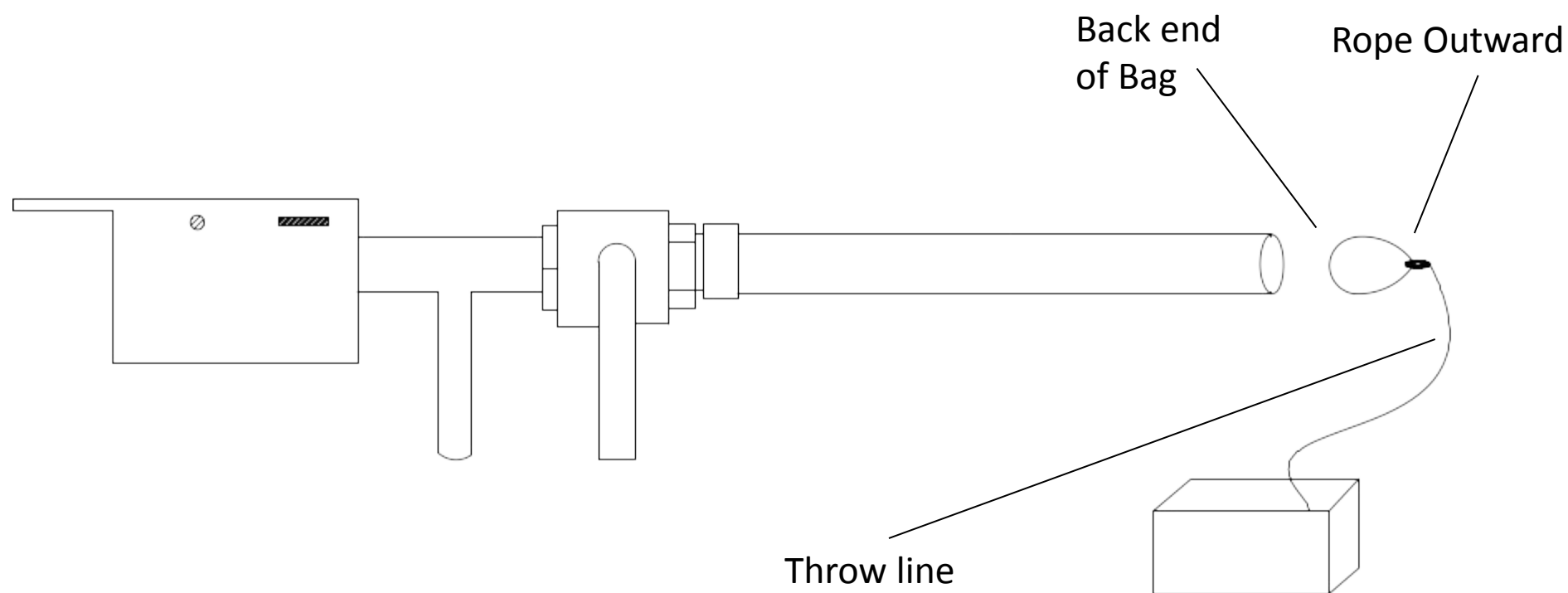
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STEP 3

Insert throw bag, back end first, line outward. Push bag to bottom of the barrel, using a rod or stick. Check for tight fit.

We recommend a throw line with a box for line storage. Other options are to lay your throw line on the ground or in a bucket.



Check to make sure the line has no knots or tangles.

Do not attempt to roll up your line prior to shooting or it will knot up on Launch.

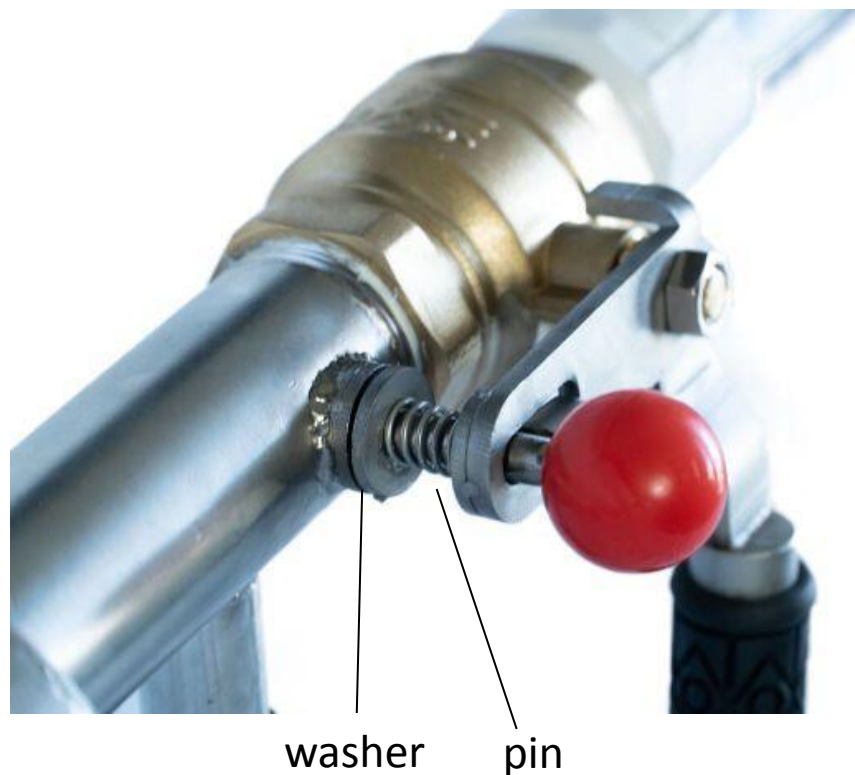


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STEP 4

Check the safety lock on the valve. Make sure the handle is in the downward lock position and the pin is inserted into the washer on the pipe prior to airing up the device.



Caution: Never put air pressure in the device without the locking pin securely in place





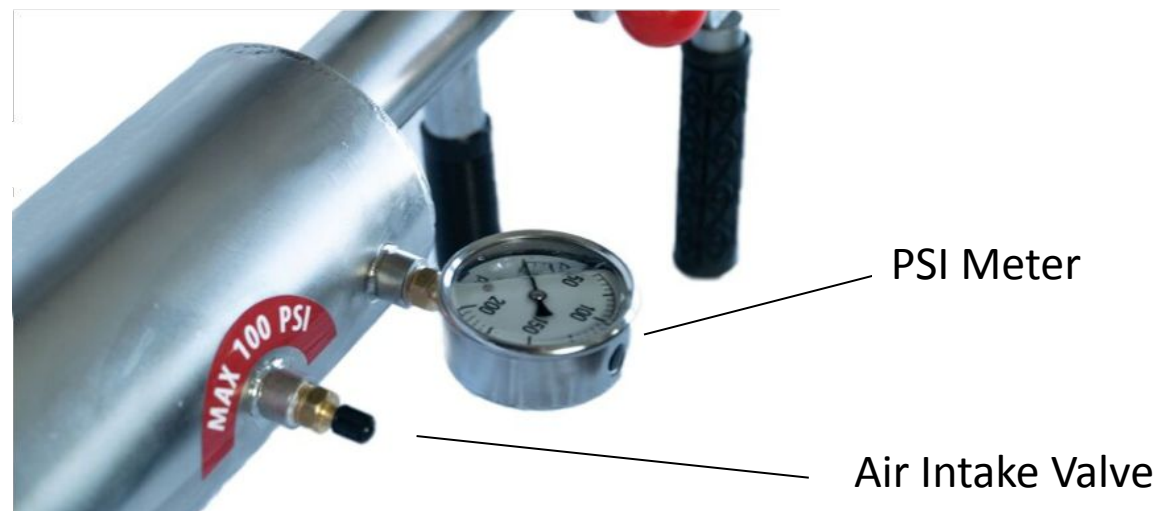
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STEP 5

Fill the air chamber. Inflate with air or CO2. The intake valve fits any standard pump. Adjust PSI to match target distance, using the distance chart.

Do not put more than 110 PSI into chamber. A pressure relief valve will release air at 120 PSI for safety.



Most commonly used are 12v DC compressors and hand pumps.





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STEP 6

Place unit comfortably on shoulder. When ready, pull the red safety knob out and turn, to remove the safety for launch.

Find your target by looking down the tip of the barrel and aiming. Firmly push handle forward and fire.



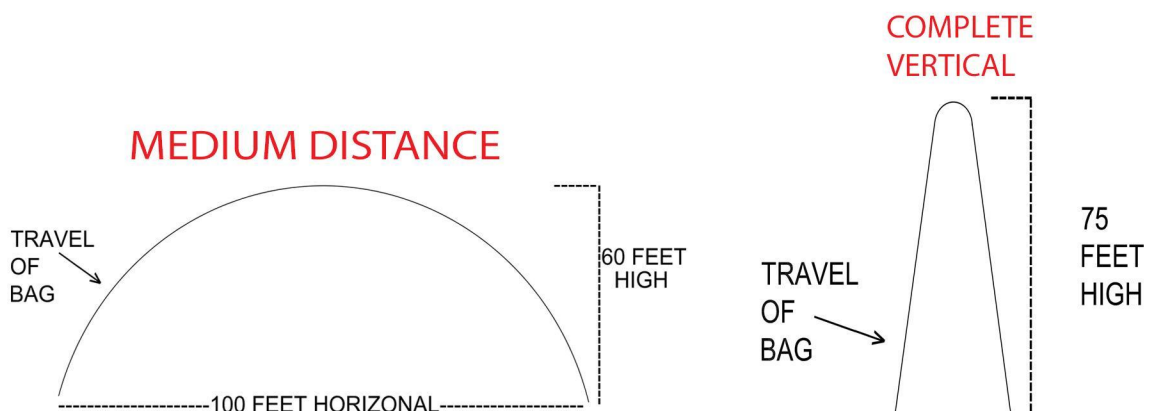
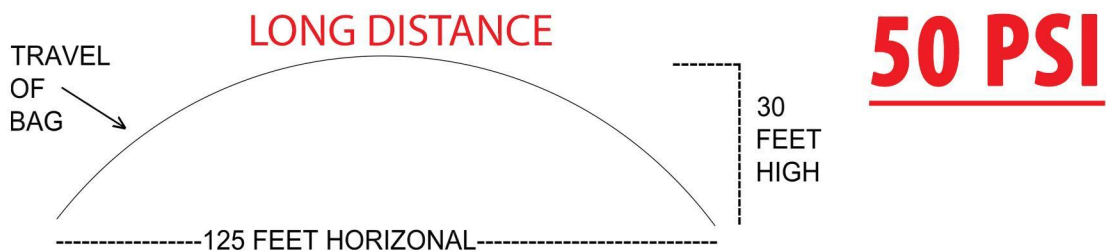
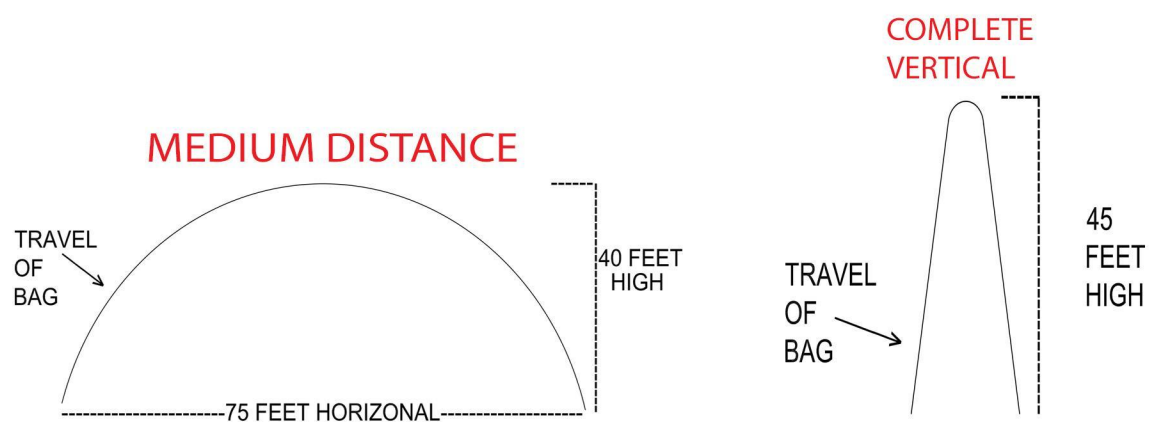
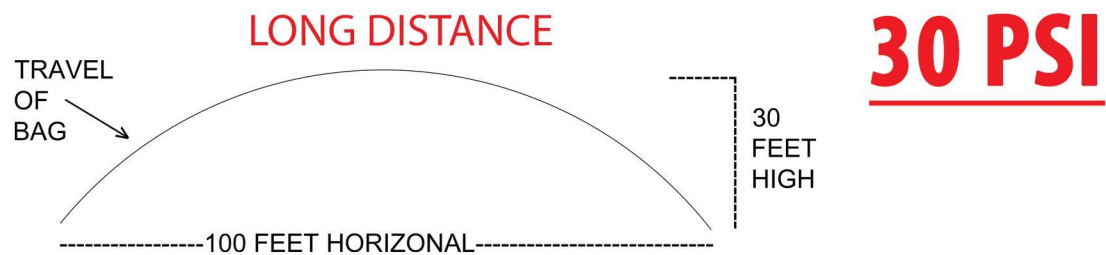
The faster you release the handle on the valve the farther the line will go. For longer distances, release the handle quicker.



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PSI TO VERTICAL DISTANCE CHART

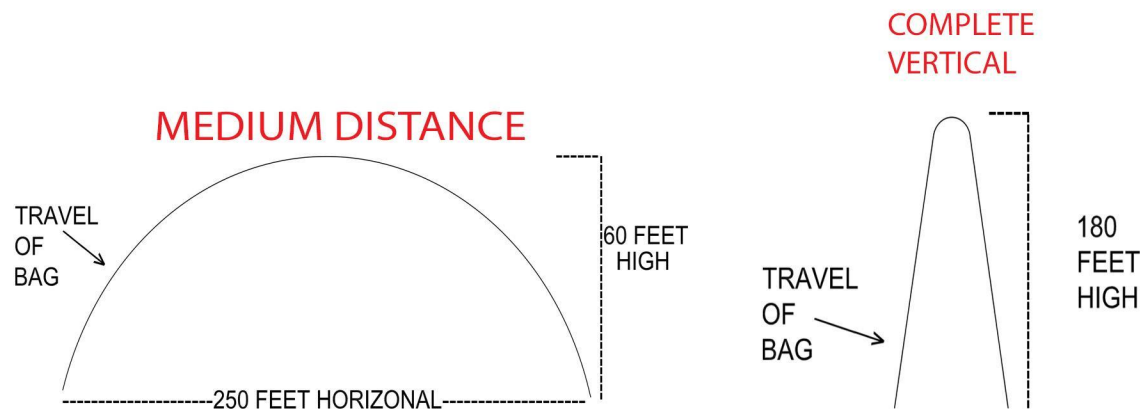
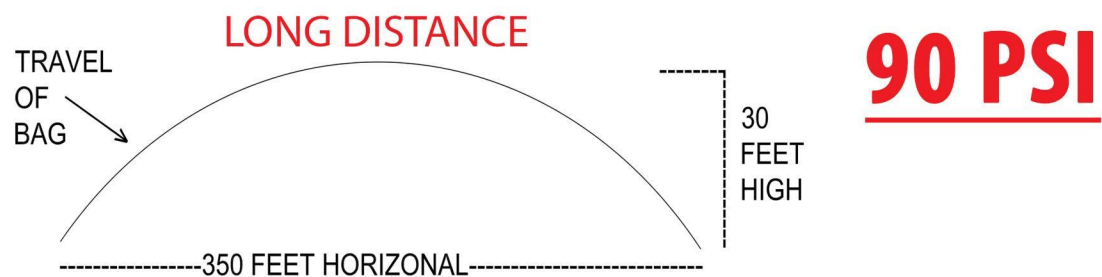
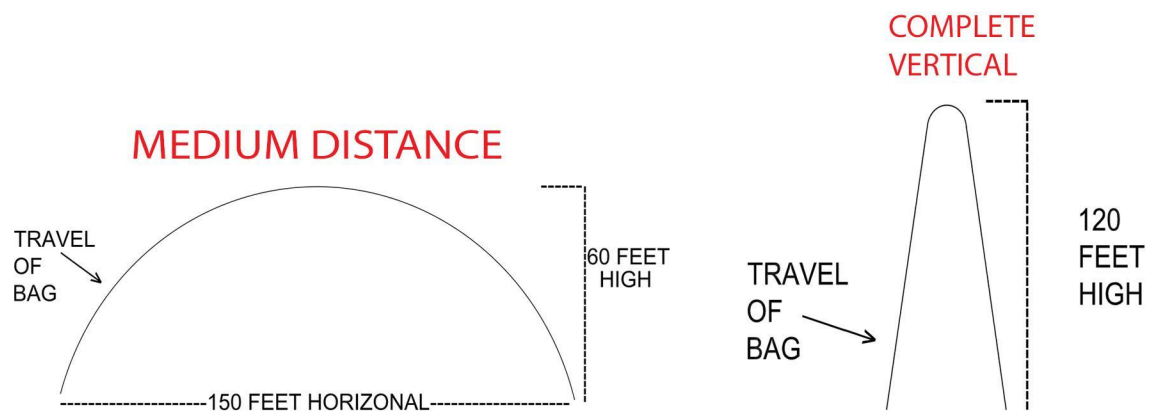
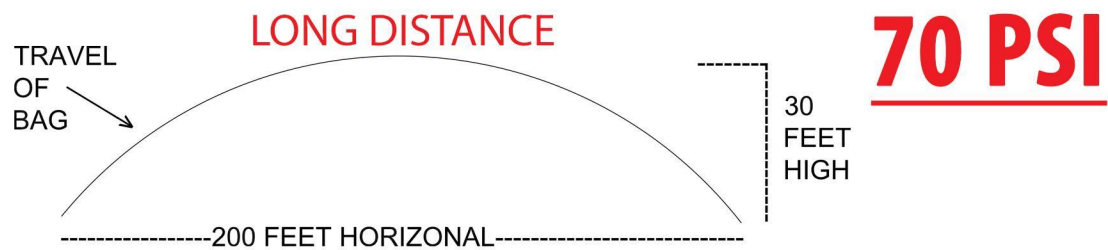




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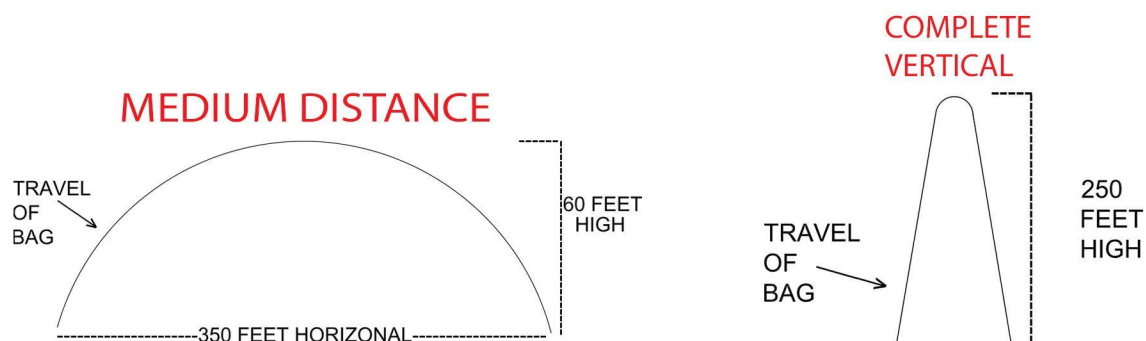
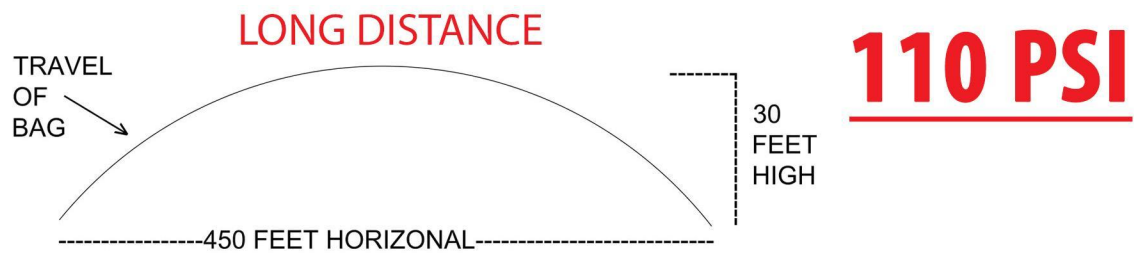




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PSI TO VERTICAL DISTANCE CHART



PSI to Distance Summary Table

PSI	Vertical Shot		Medium Distance		Long Distance	
	Vertical Height	Horizontal Distance	Vertical Height	Horizontal Distance	Vertical Height	Horizontal Distance
30	45 ft	~ 0 ft	40 ft	75 ft	30 ft	100 ft
50	75 ft	~ 0 ft	60 ft	100 ft	30 ft	125 ft
70	120 ft	~ 0 ft	60 ft	150 ft	30 ft	200 ft
90	180 ft	~ 0 ft	60 ft	250 ft	30 ft	350 ft
110	250 ft	~ 0 ft	60 ft	350 ft	30 ft	450 ft