

Chronocurl Laser timing set-up

Equipment:

2 **Chronocurl** Laser devices, iPhone (with **Chronocurl Pro** app), tripod

Set-up:

Place a **Chronocurl** laser and reflective disk on each hog line (usually 18" from the side boards to allow participants to return to the hack area without breaking the **Chronocurl** beam).



Turn the **Chronocurl** lasers on and focus the red beam of each on the associated reflective disks.



Place the tripod with the iPhone in a spot visible to the thrower.

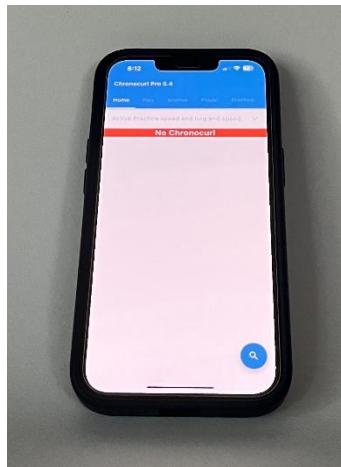




Open the **Chronocurl Pro** app on the iPhone



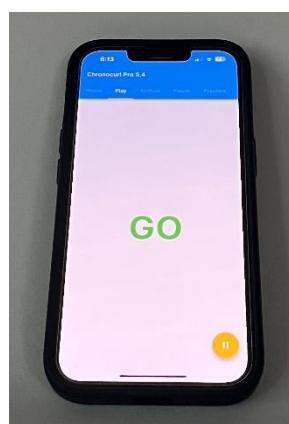
In the Lower right hand corner, press the **search** icon,

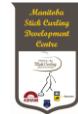


Two **Chronocurls** should appear on your screen



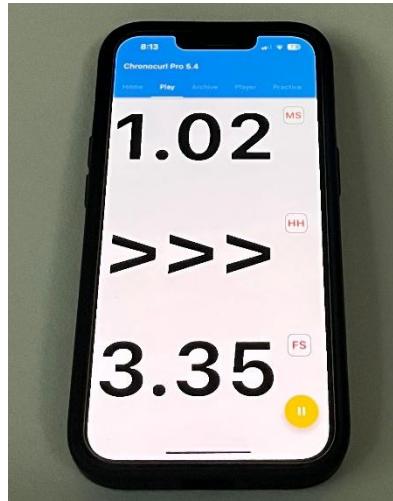
From the Practice menu select **speed and hog and speed**. In the lower right hand corner, press the **green** go icon. A **GO** screen should appear, signaling that the **Chronocurls** are ready.



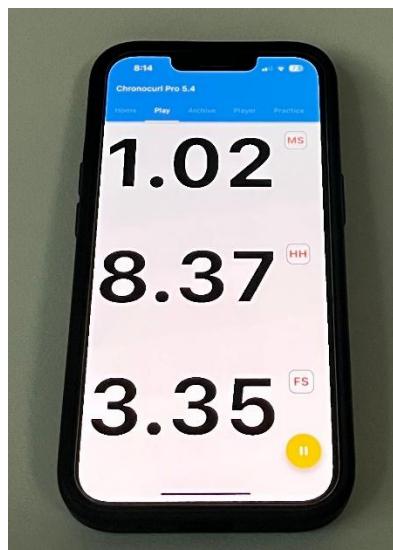


Deliver a rock.

As the rock passes the first **Chronocurl** laser, the **Chronocurl Pro** app should look like



Once the rock has passed through the second **Chronocurl** laser, three numbers will appear on your the **Chronocurl Pro** app.



Top number is the rock speed at the first hog line measured in meters/second

Middle number is the time in seconds that the rock took to break the beam of the first **Chronocurl** and then the 2nd **Chronocurl** beam, measuring the hog-to-hog time in seconds

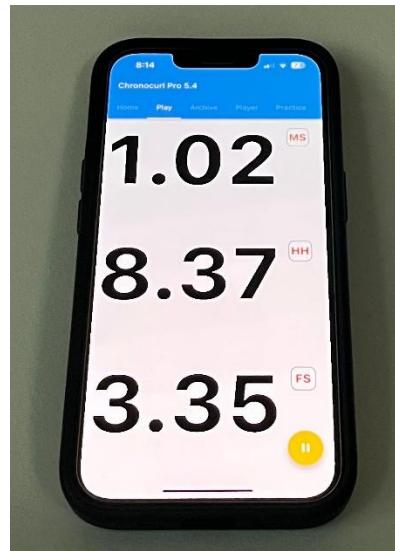
Bottom number is the rock speed at the first hog line measured in feet/second (and is directly proportional to the Top Number)



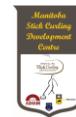
The **Chronocurls** will reset in 10 seconds and then the next rock can be delivered.



Countdown is shown in black in the lower right corner and will turn yellow when **Chronocurls** are ready.



To throw the rocks back, simply reposition the iPhone/tripod at the throwing end in a spot visible to the thrower.



Have each participant throw two in-turn and two out-turn draws (approximately 13.5 seconds hog-to-hog depending on ice conditions)

Record the participants hog-to-hog times

Name:

shot	hog -to- hog target	In-turn		Out-turn	
		1	2	1	2
Guard	16 sec				

House	13.5 sec				
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Hack	11.5 sec				
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Control	10 sec				
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Have each participant throw two in-turn and two out-turn control weight take outs (approximately 10 seconds hog-to-hog depending on ice conditions)

Record the participants times

NOTE:

Should be looking for consistencies in hog-to-hog times not results of the shot