

Use of Radar Gun for Setting Skeet Targets

1. Check high house-set at 46.0 to 46.9 MPH. Stand on station 1 and aim gun at the top of the hoop. **DO NOT TOUCH THE TRIGGER.** Hold gun steady and throw a target through DEAD-CENTER (+ or - 6 inches) of hoop. The top speed will be measured approx. $\frac{1}{2}$ way to the hoop. Set spring tension within above speeds. A good machine with good targets will throw 4 consecutive targets through a 12" hoop under "NO WIND" conditions. The targets will strike level grounds 58-59 yards from high house. As shooting progresses the transmissions warm the oil and the targets fall at 61-62 yards.

2. Check low house-set at 48.0-48.9 MPH. Aim gun at the top of the hoop. Targets will fall as above.

SETTING UP THE RADAR GUN

1. Turn on "power"
2. Push "self test" or use calibration fork (included)
3. Push "set up" mode. Use "A-25" recommended for skeet. Speeds are recorded in 1/10 MPH and the gun disregards all movements slower than 25 MPH
4. Push "x-mit" button-turns on transmitter
5. Push "peak-hold" button -display fastest speed only

The gun is now ready for use

NOTES: Targets slow down approx 8 MPH from the arm to the hoop. Speeds will self clear from the screen in a couple of seconds. Pushing "x-mit" to hold will lock-in the top speed with the use of the trigger. Radar guns often pick up targets from adjoining fields. Altitude has negligible affect on distance once the springs are set for above speeds. Tests show that targets set manually on multiple fields by real experts will vary 3-4 MPH. Targets set properly will cross approx 1 foot to the right of center (hypotenuse). No further adjustments will be required on spring tension. Speeds will remain constant for weeks. Selecting a radar gun is important as a 15 milliwatt microwave system is far superior to a 5 milliwatt. We have used 4 different guns - 1 bad - 2 fair - 1 excellent. The STALKER SPORT model (15 milliwatt) worked the best and NSSA owns one