

## VISUAL RANGE CONVERTER

## INSTRUCTIONS FOR USE

Some Simmons VRC scopes have objective focus devices some do not. If your scope is not equipped with an objective focus device disregard the first sentence of these instructions.

Set the objective focus dial to approximately 150 yds. Point the scope at the sky and rotate the rear eyebell until the crosshair is perfectly clear and without fuzzy edges. It may be necessary to loosen the lock-ring on the rear eyebell to rotate it. If so, do so and then tighten it again when proper focus is acheived.

Properly mount the scope and sight it in at 150 yds. using the maximum power setting, using the main crosshair only. This has to be done with the yardage index dial removed from the elevation adjustment device. When this procedure has been completed and your rifle shoots a proper group at 150 yds. you are ready to utilize the range finder portion of this scope.

Select the proper index cap by matching it to the exact type of ammunition that you are going

to use indicated on the cap selection chart. Once the correct cap is selected, mount it onto the elevation post and secure it with the large headed screw. Be sure that it is set at 150 yds. This is accomplished by matching up the white indicator dot to the 150 yd. index line on the cap. Your scope is now set to place the pre-selected bullet on the target at the yardage indicated on the elevation index cap. This is normally referred to as a Bullet Drop Compensator.

To utilize the range finder you must refer to the power selection ring that is located just forward of the rear eyebell. This ring is marked with magnification power numbers (largest numbers) and numerous other numbers and letters as well., "The letters stand for "D" deer, "E" Elk, and "A" Antelope. The numbers stand for yards distance.

To use the range finder in a deer hunting situation use the following techniques. Find the deer in your scope, rotate the power ring until the animals body fits between the main crosshair and the straight secondary crosshair. The body is the "backbone to brisket" portion of the deer. Now

read the "D" yardage number opposite the power ring indication dot and set your elevation cap to the same yardage number. Fire dead on using the main crosshair. Your bullet will follow the predetermined path to the target.

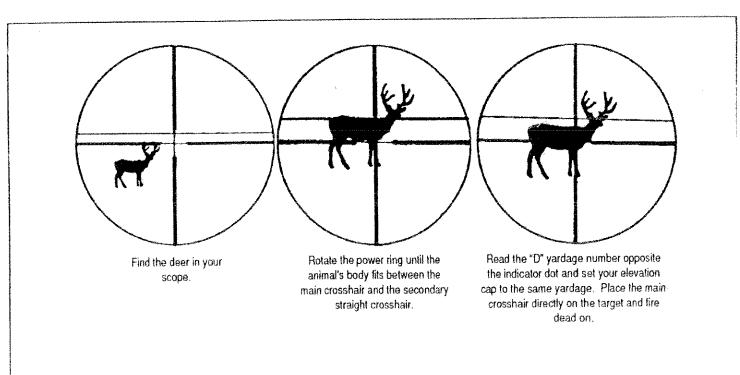
The same procedure is used for antelope by using the "A" yardage numbers. Merely use the power ring yardage number indicated, and set that yardage on the elevation cap and fire dead on with the main crosshair.

The same procedure is used for elk. Familarize yourself with the procedure and with some practice you can become proficient with this device.

Remember that you can use your scope without the range finder feature by merely setting the cap at a given yardage. Your bullet will follow the path of your original sighting-in adjustment.

Good shooting,

SIMMONS OUTDOOR CORPORATION



Remember to always use the exact same bullet weight and type in your ammunition selection. This will insure maximum performance of your Simmons Range or Deerfield VRC Rangefinder. You will also find that the ammunition from different manufacturers will vary in performance. It is advisable to select one brand and stick with it.

able to selectione drand and stick with it.				280	Remington	150	SPCL	2970	
					7mm	Remington Mag	150	PSPCL, PPSP, SP	3110
	LA.	TRIDGE	SUST		7mm	Remington Mag	165	BTSP	2860
		/v			7mm	Remington Mag	175	PSPCL, PPSP	2860
) (m) a		Bullet		Muzzie	Í	Remington Mag	160	NP	2950
VRC or PRO "1" Cartridges		Weight		Velocity		Springfield	125	PSP,PSP, SP	3140
		(grs.)	Bullet Type	(fps)	30.06	Springfield	150	8P	2910
***************************************					30.06	Springfield	165	BTSP	2800
00.000	F1 2				300	H&H Mag	180	ST, PSPCL	2880
22-250	Remington	55	PSP, HPPL, BTHP	3730	300	Winchester Mag	150	PPSP, PSPCL	3290
220	Swift	55	SP	3630	1	Winchester Mag	180	PPSP, PSPCL, SP	2960
220	Swift	60	HP	3530	§ .	J			2500
243	Winchester	100	BTSP	2960	VRC or	PRO "3"			
6mm	Remington	80	PSP, HPPL	3470	223	Remington	55	PSP, HPPL, MC	3240
25.06	Remington	87	HPPL	3440	250	Savage	87	PSP	3030
25.06	Remington	90	PEP, HP	3440	250	Savage	100	PSP	2820
270 270	Winchester	100	PSP	3480	257	Roberts	100	ST	2900
7mm	Winchester ×	130	BTSP	3110	270	Winchester	150	PPSP.	2900
	Mauser	140	SP	2660	270	Winchester	150	SPCL; SP	2900
.7mm -308	Remington Mag	150	BTSP	3110	284		150	PPSP	2860
30.06	Accelerator:	55	PSP	3770		Accelerator	55	SP	3400
30.00	Accelerator	55	PSP	4080	300		150	PPSP	2630
VPC or I	PRO "2" - 1, 11, 11, 11, 11, 11, 11, 11, 11, 11	1			300	Savage	150	ST,SP, PSPCL	2630
223	Remington	tie .	Chicato or		308	Winchester	125	PSP	3050
243	Winchester	55 80	FMC, MC, BT	3240	1	<b>Winchester</b>	150	PPSP	2820
243	Winchester	85	PSP, HPPL, FMJ BTHP	3350	308	Winchester	150	ST, PSPCL, SP	2820
243	Winchester	100		3320	308	Winchester	165	BTSP	2700
6mm	Remington	100	PPSP, PSPCL, SP	2960	308	Winchester	180	, , o, o,	2620
25.06	Remington	100	PSPCL, PPSP PSPCL	3130	308	Winchester	180	ST, PSPCL, SP	2620
25.06	Remington	117	SP	3230	30.06	Springfield	150	PPSP	2920
25.06	Remington	120	PSPCL, PEP	3060	30.06	Springfield	150	ST, PSPCL, SP, SP	2910
6.5 mm	Remington Mag	120	PSPCL	3010	30.06	Springfield	150	FMC, M.2	2910
264	Winchester Mag	100	PSP,PSPCL	3210	30.06	Springfield	165	PSPCL	2800
264	Winchester Mag	140	PPSP, PSPCL	3320	30.06	Springfield	180	PSPCL, ST	2700
		i TU	rior, FOFUL	3030	30.06	Springfield	180	BP	2700

270

270

270

7MM.08

Winchester

Winchester

Winchester

Remington

130

130

150

140

PPSP, BP, SP

ST, PSPCL

BTSP

**PSPCL** 

3110

3110

2900

2860

## HOW TO USE RANGEFINDER FOR GAME OTHER THAN THOSE LISTED

For example, if your target is a moose, multiply the deer size range by two, since a moose body is about twice as large as a deer. Or, if you are varminting, divide the indicated deer range by two, since a standing squirrel or gopher is nearly half the size of the deer body. Then, set the calculated distance on the dial and fire dead-on without hold-over. See the following chart for animal sizes.

GAME	SIZE	RANGE CONVERSION
Antelope (Pronghorn)  Bear  Moose  Mountain Lion, Boar  Woodchuck, Jackrabbit  Mule Deer, Sheep  Coyote, Fox, Bobcat	24" Shoulder to Brisket  18' Shoulder to Brisket  14" Shoulder to Brisket  18" Shoulder to Brisket  36" Shoulder to Brisket  12" Shoulder to Brisket  18" Standing  22" Shoulder to Brisket  9" Shoulder to Brisket	E direct reading  D direct reading  A direct reading  D direct reading  D 2X reading  E 1/2X reading  D direct reading  D plus 1/4 reading