

14-PAGE BINOCULAR GUIDE 6-PAGE SCOPE BULLETIN

Men, you know guns! But in this era of super-accuracy . . . terrific hunting competition...it is also important that you understand scopes and binoculars. Stop being confused! Know before you buy! Send for these valuable, informative booklets today!





Check shots instantly, without changing position! End strain, fatigue. Finest achromatic, hard-coated lenses. Finger-tip control Prism Focusing Knob recessed in Prism-Housing. Retractible sun shade. Inter-changeable eyepieces. Water, dustproof. Gray finish. Weight 43 oz. Length 161/2".

60MM STRAIGHT MODEL \$75.00

Extra eyepieces (either model) 15x, 30x, 40x, 60x, \$15 ea.



RIFLESCOPES

See these amazing 2½x, 4x, 6x models at your city's foremost dealer! Hailed "outstanding" by the nation's leading gun experts! Unbelievable clarity . . . new, advanced "micron-atic" adjustments...astounding value! FREE bulletin. (See facts in facing ad.)



FREE! MAIL TODAY!

BUSHNELL'S Dept. ARA64, Pasadena 1, Calif. Count me in, Davel Send me your Binocular Guide and Rating Chart; also newest Scope Bulletin. No strings, no obligation, of course.

__State __

©1953, B. O. C.

AMERICAN

The Rifle 1885-1888 Shooting and Fishing 1888-1906 Arms and the Man 1906-1923

Official Journal of the NATIONAL RIFLE ASSOCIATION OF AMERICA

MERRITT A. EDSON, Editor-in-Chief

- S. M. JOHNSON, Editor
- J. A. HARPER, Managing Editor
- H. C. STITH, Production Manager L. F. LUCAS, Business Manager

P. B. SHARPE M. D. WAITE

J. S. HATCHER, Technical Editor P. B. CARDINAL, Associate Editor

R. B. WARYE, News Editor F. A. MOULTON, Advertising

Contributing Editors H. E. MacFARLAND

ELMER KEITH L. R. WALLACK

Vol. 101, No. 4

RUDY ETCHEN

April, 1953

Firearms S. c	April,	1950	1
Firearms Safety on the Air		4	
Hunting in the re-		12	
The Rifleman's Role in Warfare	Burt Kerr Todd	13	
New Firearms Bills The Cope of the Cope o	Robert Sears	16	
The Cop and the Kids Does Are Deer	a report	19	
Random Share	Hank Wieand Bowman	21	
International Shooting Fund Semiautomatic Harman	Helmut K. Buechner	24 28	1
anidultoment - 6 - uno	a feature	30	Vi
Captain Wi	Henry M. Stebbins	31	
Why Not De P. Revolving Com	Albert F C	35	
Potting Co. Schols?	Lt. Col. B. R. Lewis, USA	38	
Activit:	George Stidworthy	41	
Dope Bag	a feature	44	
	a feature	45	
	a feature	54	

COVER

Fifty permanent benches make the fine bench-rest range on the cover, at the site bench-rest range on the cover, at the sue of Fort Roberdeau, six miles of the life of the of Fort Roberaeau, see mure of the toona, Pa., one of the largest in the country. Transparency is by Don Baker.



NRA Staff in the Service-T. W. Child, J. S. Rose

Published monthly by the NATIONAL RIFLE ASSOCIATION OF AMERICA, 1600 RHODE ISLAND AYENUE, WASHINGTON 6, D. C. Domestic Rates (North, South, and Central America) \$4.00 postage. Entered as second-class matter, April 1, 1908, at the post office at Washington, D. C. reserved. For change of address, give both new and old address as the latter appears on damage to unsolicited manuscripts or photos.



Vave Bushnell says ...

Stop being confused...try before you buy

Finest Binoculars!

... There's a BIG DIFFERENCE in optics!

WHAT MAKES A BINOCULAR "TICK"?



A customer put this question to me the other day: "Dave, can you explain in layman's language just how binoculars work? Remember, I don't know a thing about optics.' "Well, I'll try," I replied. 'To put it simply, each barrel of a binocular consists of three basic components: objective lens, prisms, and eye-

The objective lens forms a small, upside down image within the binocular of whatever object it is aimed at."

"Is it the same as the image formed on the film in my camera?" Fred asked.

"Yes, except that not having film in your binocular, this picture is suspended in the air (an aerial Mere Man comage), just as it would in your camera if there were no film in it."

"But," Fred interjected, "without the film, how can you 'catch' the picture?"

"That's easy, Just hold a magnifying glass behind this suspended image, and there it is! Now you have turned your camera into a telescope.' "I'll be doggoned," declared Fred.

"Just think of the binocular eyepiece as a magnifier, or microscope, focused on this small 'aerial' image. It enlarges it to any size desired: 6X 7X 8X etc."

"Okay," Fred cut in. "I get the idea. But what about the prisms?"

"Well, the image formed by the objective lens is upside down, and reversed from left

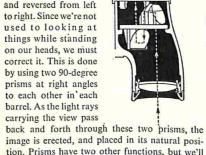


image is erected, and placed in its natural position. Prisms have two other functions, but we'll go into that later.

"Gosh, I understand it now. Here I've been using binoculars all my life, and never had the slightest idea how the darned things worked."



FREE BOOK! HOW TO SELECT BINOCULARS"

BUSHNELL BINOCULARS

All Purpose 7 Power, 35mm [RIPLE TESTED]



est Shur-Grip design. Most compact: 43/"x 53/1" Featherlight Magnesium Frame. Very bright illumination. All lenses and prisms hard coated. Field at 1000 yards: 375 ft. Rel. Light Efficiency 37. Center Focus \$4.00 extra.

Heavier ALUMINUM MODEL (COATED) I.F. \$45.50



MAGINE 80% MORE

600 Ft. Field

Challenges compari

6X BROADFIELD



NEW 7 POWER



son with any other full 7 power pocket model. Color cor rected. All internal achromatic lenses and prisms hard coated. Very sharp image. Clear field. 15mm obj. Size: 21/4" x 4". Wt. 5 oz. Fit for o prince. 33 OTHER MODELS

7 power, 50MM Day or Night

8 power, 40MM Exceptional Clarity 54.50* 9 power, 35MM High Power 58.50*

10 power, 50MM Power Plus 68.50*
12 power, 50MM Long Range 69.50*

All prices include Genuine Leather Case & Straps

*Plus usual 20% federal tax

REMEMBER® Written money-back guarantee • Free parts . Service for one year! • Exclusive lifetime service plan • Easty convenient lerms • Maximum value assured through our exclusive processes in Japanese contract factories • Free registration service • Orders shipped within 24 hours • Air mail service onlywhere in U.S.A. \$1.00 additional for packet models. \$2.50 for

other sizes. DEALERS INVITED @ 1953 B.O.C.A

6 Power Palm-Pocket

RANGEMASTER

30 DAY FREE TRIAL FREE PARTS

FREE SERVICE

ONE FULL YEAR

New type Shur-Grip



(445' field) \$39.50*



WORLD'S FINEST BIN-OCULAR — bar none! Area of view — almost TWICE as much as any other 7 x 35! Lets you SEE MORE - FASTER -CLEARER! All prisms and achromatic lenses hard coated. Field at 1000 yds. full 525', Rel. Light Eff. 37. 5" high Wt. 29 oz. I.F. or C.F Easy terms, if desired

DICK" SIMMONS says:



Your Rangemaster and 7x35 all purpose Binoculars are two of the finest I have ever tested. Those Rangemasters are the most wonderful I have ever looked thru for Sports, Marine, Distant Mountain Hunting, Game Warden work, etc. I do not believe there is a finer glass manufactured, optically speak-

Sheriff, Grays Harbor County,

Game Warden, Customs Officer

MAIL THIS COUPON TODAY! TRY ANY MODEL 30 DAYS FREE

	MAIL THIS COUPON	IUVAII, IRI ANI	MODEL 30 DA	
Select CULARS	Bushnell Binoculars, Dept.	AR64 Bushnell Building,	Pasadena 1, Calif	ornia
CULHUS	Send me postpaid: 7 x 35		Rangemaster 9 x 35MM	☐ Individual Focus ☐ Center Focus

Send me postpaid:	7 x 35 Alum.	☐ Broadfield ☐ 7X Palm-Pocket es include Leather Co	
Enclosed please fin	d \$ Ch		

Am adding usual 20% Fed. Tax (\$2.00 deposit for C.O.D.'s)

Check here if you wish a free copy of "How to Select

AMERICAN RIFLEMAN

