

DAVE BUSHNELL SAYS,

FREE!

TO
N.R.A. MEMBERS

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!



Spacemasters
New 45° 60mm
SPOTTING SCOPE



Complete with
25x eyepiece
\$77.50
No Fed. Tax

Check shots instantly, without changing position! End strain, fatigue. Finest achromatic, hard-coated lenses. Finger-tip control Prism Focusing Knob recessed in Prism-Housing. Retractable sun shade. Interchangeable eyepieces. Water, dustproof. Gray finish. Weight 43 oz. Length 16 1/4".

60MM STRAIGHT MODEL **\$75.00**
33 oz., 15 1/4" overall

Extra eyepieces (either model) 25x eyepiece included
15x, 30x, 40x, 60x, \$15 ea.



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RIFLE SCOPES

See these amazing 2 1/2x, 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.)



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BUSHNELL'S
Dept. AR63, Pasadena 1, Calif.
☐ Count me in, Dave! Send me your Binocular Guide and Rating Chart; also newest Scope Bulletin. No strings, no obligation, of course.

Rush postpaid ☐ 45° Model. ☐ Standard Model. Spacemasters

Enclosed please find \$ (2.00 deposit required on C.O.D.'s.) If not satisfied, return in 30 days for full refund.

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AMERICAN RIFLEMAN

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

Official Journal of the NATIONAL RIFLE ASSOCIATION OF AMERICA

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Volume 101, No. 3

March, 1953

Shooting for the Handicapped
An Editorial

The Earliest Known Rifle

1953 Nationals

Them Little Pigs

John Farquharson

Etchen Records Trapshooting's Top Average

Non-Browning Military Automatics

Shooting Goes to School

How Shotguns are Made

New Firearms Bills

Pips From the Pip-Squeaks

Wildcat Cartridges

Starrs in My Eyes

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COVER

Contributing editor Rudy Etchen, recently selected captain of the All-American Trap-Shooting Team, is shown in action on the Sun Valley, Idaho trap field. A thumbnail sketch of Etchen's outstanding performance with a shotgun appears on page 27. The gun is a Grade II Browning over-and-under with custom-made stock and fore-end of birdseye maple. Color transparency was the work of Lloyd Arnold of Sun Valley.



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

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Dave Bushnell says...

Stop being confused...try before you buy

Finest Binoculars!

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

QUESTIONS and ANSWERS
from OUR MAIL BAG

What About Distance?

Q. How far can I see with a pair of 16x50 binoculars?
A. You can see the moon and stars with your naked eye. A 16x50 brings objects 16 times closer. If you can recognize an object at a mile with the unaided eye, theoretically you should recognize the object 16 miles away. However, tremor of hand magnified so highly tends to distort vision. That's why lower-powered binocs are better for general use.

Sizes for Varmint Hunting

Q. What type of binocular do you recommend for varmint hunting? (Woodchucks, prairie dogs, crows, etc.)

A. A 10x50 would be your wisest choice. Magnification and light gathering are high enough to "spot-light" small varmints at 400 yards, even at dusk and dawn. However, if you want a binocular that you can use for big game as well as varmints, a good compromise would be an 8x40.

7x50 vs 7x35

Q. Can't decide whether to get a 7x50 or 7x35. What do you recommend?

A. Both the 7x35 and 7x50 will give identical performance from 1/2 hour before sunrise to 1/2 hour after sunset (also at night sport events), providing both are of same optical quality. When it is pitch dark, the 7x50 will give greater illumination. The 7x35 is America's favorite because of its lighter weight and greater compactness.

Holding Binoculars

Q. What is the best way to hold binoculars for maximum steadiness, minimum fatigue?

A. Hold barrels of binocs with fingers (NOT palms). This drops your hand into a position to easily place the thumbs against the lower part of the cheek bones. This gives a 4-point suspension that literally "locks" your binoculars in place. Folder we issue illustrates best methods of holding various binoculars with or without eye glasses.

FREE BOOK!
"HOW TO SELECT BINOCULARS"

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Dept. AR63 Bushnell Building, Pasadena 1, California

30 DAY FREE TRIAL
✓ FREE PARTS
✓ FREE SERVICE
ONE FULL YEAR

All Purpose 7 Power, 35mm

★ ADVANCED OPTICAL DESIGN ★ SHARP RESOLUTION
★ CRISP DEFINITION ★ WORLD'S LIGHTEST 17 OZ.

America's Favorite! Choice of leading hunters, sportsmen, experts in many other fields. Newest Shur-Grip design. Most compact: 4 1/4" x 5 3/4". 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*



\$54.50*

Inc. Leather Case and Strap

30 DAYS FREE TRIAL!

6X BROADFIELD

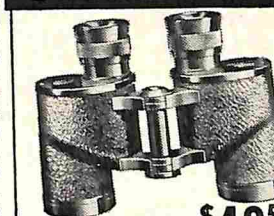


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IMAGINE 80% MORE VIEWING AREA than any other Palm-Pocket Binocular. Almost twice the Seeing Power... twice as fast to spot your target. Shirt pocket size and weighs only 11 oz. Color corrected 25MM achromatic objectives. Internal lenses and prisms Hard Coated. 600 Ft. Field

8 POWER 30MM



\$43.50*

Inc. Genuine Leather Case & Straps

New type Shur-Grip design, power packed, featherlight model! Magnesium body reduces wt. to 15 oz. Ultra-sharp, color corrected achromatic lenses. Field 400'. Size 4 1/2" x 6". All internal lenses and prisms hard coated. Superb value. Add \$4.00 if center focus desired. 6x30 Same as above (445' field) \$39.50*

NEW 7 POWER



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Inc. Genuine Leather Case

Challenges comparison with any other full 7 power pocket model. Color corrected. All internal achromatic lenses and prisms hard coated. Very sharp image. Clearfield. 15-mm obj. Size: 2 1/4" x 4". Wt. 5 oz. Fit for a prince. 6 Power Palm-Pocket Same as above... \$17.95*

RANGEMASTER



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7 power, 50MM Day or Night\$47.50*
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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
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Chuck Morgan says:

I've used, and have seen others use, Bushnell binoculars with amazing results from "Sonora to the Arctic." I've tried them all in 24 years' hunting over a 25,000 mile area, and am convinced that only Bushnell offers top notch performance all outdoorsmen need.

Chuck Morgan
Outdoors authority
Popular writer
"The modern Daniel Boone"

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Bushnell Binoculars, Dept. AR63 Bushnell Bldg., Pasadena 1, Calif.

Send me postpaid: ☐ 7 x 35 Mag. ☐ Broadfield ☐ Rangemaster ☐ Individual Focus
☐ 7 x 35 Alum. ☐ 7X Palm-Pocket ☐ 9 x 35MM ☐ Center Focus

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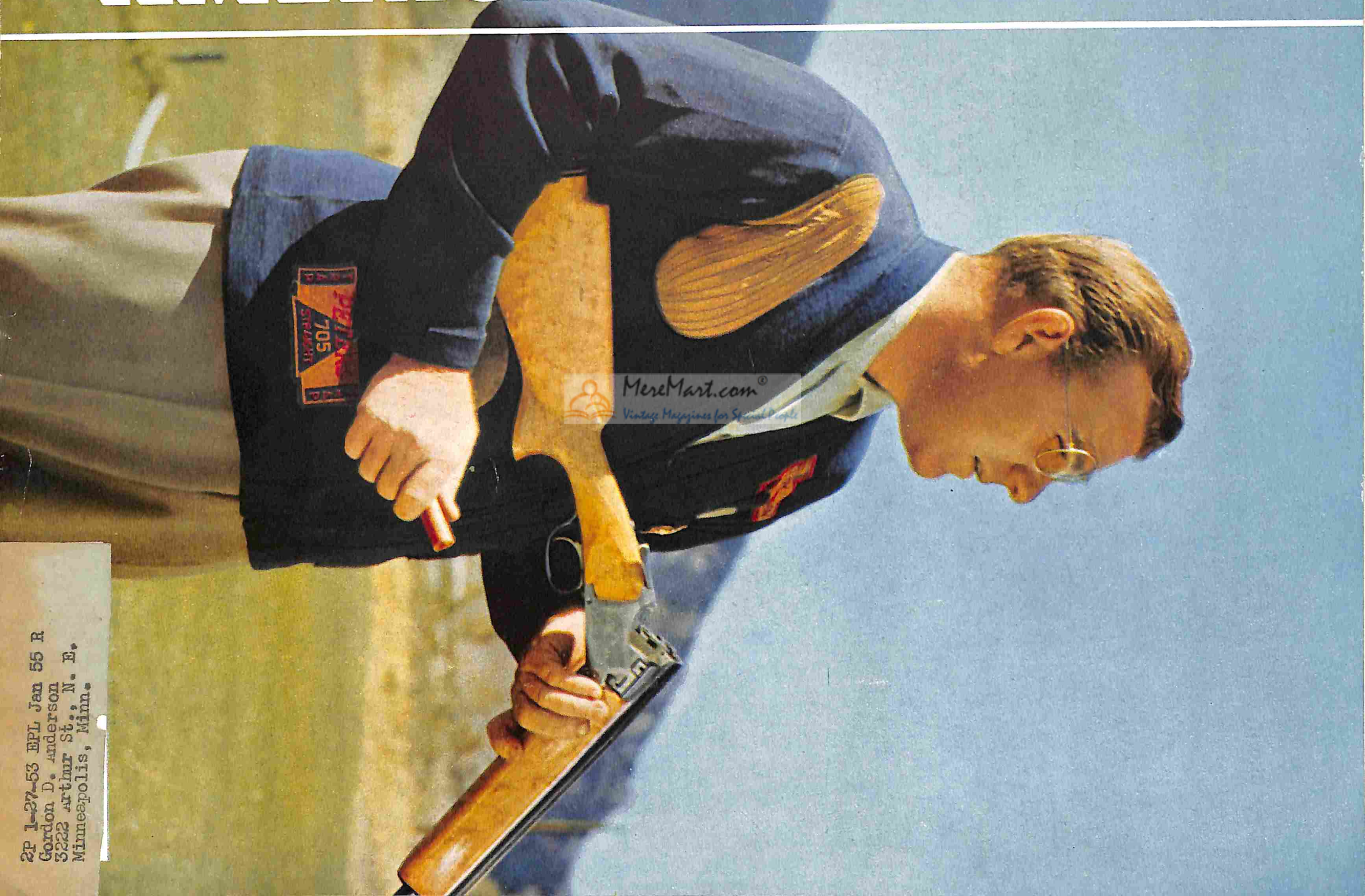
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☐ Check here if you wish a free copy of "How to Select Binoculars."

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CENTS

AMERICAN RIFLEMAN

MARCH
1953



2P 1-27-53 EPL Jan 55 R
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3222 Arthur St., N. E.
Minneapolis, Minn.