



# THE AMERICAN RIFLEMAN

OFFICIAL JOURNAL OF THE NATIONAL RIFLE ASSOCIATION OF AMERICA

FEBRUARY 1977

This issue 1,184,112  
93rd Year of Publication

## THE COVER

The sliding-breech, double-barrel 16-ga. shotgun on this month's cover is unusual in that it is a four-shot repeater. After the barrels are fired, the Darnette-type sliding breech is opened, ejecting the empty shells, (left in place in this photo) and raising two fresh ones from their recesses in the frame, to be chambered by the closing breech. Built by Charles Leve in 1928, it is in the Liege, Belgium, firearms museum. For more on this interesting gun see p. 27-28.

## NATIONAL OFFICERS

Merrill W. Wright  
NRA President,  
Leesburg, Fla.

Irvine W. Reynolds  
NRA First Vice President,  
Rancho Sante Fe, Calif.

Alonzo H. Garcelon  
NRA Second Vice President,  
Augusta, Maine

Maxwell E. Rich  
Executive Vice President

Thomas N. Billings  
Vice President-Finance

William B. Binswanger  
Treasurer

Robert J. Kukla  
Executive Director NRA  
Institute for Legislative Action

VOL. 125, No. 1

THE AMERICAN RIFLEMAN is published monthly by The National Rifle Association of America, 1600 Rhode Island Ave., N.W., Washington, D.C. 20036, for the benefit of its members. Domestic rates (U.S. and possessions) \$10 a year, \$19 for 2 years; for foreign postage, add \$2 a year. Copyright 1977, The National Rifle Association of America. All rights reserved except where expressly waived. Second-class postage paid at Washington, D. C., and at Hollywood, Fla.

The editors are not responsible for unsolicited manuscripts or photographs.

Mention of a product or service in advertisement or text does not necessarily mean that it has been tested or approved by the NRA.

STATEMENTS IN BYLINED OR INITIALED TEXT SHOULD NOT BE REGARDED AS OFFICIAL NRA VIEWS. ONLY THE EDITORIAL PAGE REFLECTS OFFICIAL NRA VIEWS.

POSTMASTER: Please send Form 3579 to the National Rifle Association, 1600 Rhode Island Ave., N.W., Washington, D.C. 20036.

## MAJOR ARTICLES

King Of The Woods .....	David A. Webb	14
Portable Means Practical When Choosing Trail Guns .....	C. E. Harris	16
There's Romance In Rusty Relics .....	E. Dixon Larson	19
The Horsley Patent Guns .....	David Baker	20
Settled Land Varmint Hunting .....	Dan Flores	22
A Pope Of Consequence .....	Peyton Autry	25
This Gun Loads Two At A Time .....	Roger Barlow	26
A Cold Woman Never Got A Whitetail .....	Paula D. Kal	28
The Ill-Fated 1867 Navy Carbine .....	C. A. Halm	30
How To Calculate Recoil .....	William C. Davis, Jr.	32
British Bullseyes At 2100 Yards .....	W. John Farquharson	34
Early Revolver Extraction Systems .....	Paul S. Lederer	38
Score Sheet .....	Robert W. Hunnicutt	39
The Reasons Behind NRA-ILA's Steel Shot Suit .....		
FBI Notes Violent Crime Cut 5% In '76 .....		40
1977 Director Nominations .....	NRA Staff	41
Expert Int'l Shooters Design Walther Model GX-1 Free Rifle .....	Kenneth C. Raynor	44
Dope Bag .....		46
NRA News and Events .....		49
The Armed Citizen .....		75
NRA Meetings 1977 .....		12
Simplified Chronograph Screen Holder .....		33
		37

EDITOR-IN-CHIEF  
Maxwell E. Rich

Editor: Ken Warner.  
Editorial Staff: William F. Parkerson, Senior Associate Editor; C. E. Harris, Associate Editor; Robert W. Hunnicutt, Assistant Editor.

## NRA PUBLICATIONS STAFF

Copy Staff: Alan C. Webber, Senior Editor.  
Design Staff: Steven Fosburg, Chief; Rene San Miguel, Assistant; Zsuzsa Sandor, Photography.  
Production Staff: Milton W. Sick, Jr., Chief; Gerald B. Howard, Jr., Assistant.  
Technical Staff: Kenneth C. Raynor, Associate Editor; Robert N. Sears, Associate Editor.  
Advertising: Jonathan A. Reed, Coordinator.  
Advertising Representation: F. A. Moulton Co.

## WHAT NRA IS

The National Rifle Association of America, founded in 1871, is an independent non-profit organization supported by membership fees. Its purposes are to educate public-spirited citizens in the safe and efficient use of small arms for pleasure and protection; to foster firearms accuracy and safety in law-enforcement agencies, in the Armed Services, and among citizens subject to military duty; to promote good sportsmanship and to foster the conservation and wise use of our renewable wildlife resources; and to further the public welfare, law and order, and U.S. defense.

## MEMBERSHIP FEES

Individual: 1 year \$10, 2 yrs. \$19, 3 yrs. \$27, 5 yrs. \$42.50.  
Life: \$200 (\$125 if under 18 years or over 65).

## NRA INFORMATION

Address mail to: THE NATIONAL RIFLE ASSOCIATION, 1600 Rhode Island Ave., N.W., Washington, D.C. 20036. For new memberships or renewals: 800-528-6050 Ext. 550 toll free. Regular calls: 202-783-6505. Legislative 202-783-0190. NRA Sales 800-528-6050 Ext. 560.

To render faster and more efficient service to the NRA Membership the NRA maintains a Special Service Desk at NRA Headquarters, 1600 Rhode Island Ave., N.W., Washington, D.C. 20036. Communications requiring special service should be directed to: NRA Executive Vice President Maxwell E. Rich, Special Service Desk, at the Headquarters address. This service is designed especially to handle problems with sales or other items ordered, membership complaints, and requests for NRA materials.

TO CHANGE YOUR ADDRESS or to report a damaged or undelivered magazine, write NRA ADMINISTRATIVE DIVISION. Don't return damaged copies. Change of address should include both new address and a mailing label bearing the old one. In case of duplication send both labels.



13 S55803ROBNF3515

F MARSHALL ROBBINS  
3515 NORTON RD  
DULUTH

MINN 55803

# THE AMERICAN RIFLEMAN

FEBRUARY 1977

\$1.00

