NEAL KNOX Editor and Publisher RALPH TANNER, JR. Director of Sales RICK JAMISON Associate Editor DAVE LeGATE Art Director LYNDA RITTER Editorial Assistant RICHARD L. ALDIS Staff Photographer JOYCE BUETER Circulation Manager TERRY BUETER Circulation WANDA HALL Accounting BARBARA PICKERING Production Supervisor JANA KOSCO Executive Secretary

TECHNICAL **EDITORS**

BOB HAGEL CLAY HARVEY WALLACE LABISKY BOB MILEK AL MILLER MAJ. GEORGE C. NONTE, JR. HOMER POWLEY KEN WATERS JOHN WOOTTERS DON ZUTZ

Published by Wolfe Publishing Co., Inc. Dave Wolfe, President

Handloader

The Journal of Ammunition Reloading

March-April 1977

Vol. 12 - No. 2

Box 30-30, Prescott, Arizona 86302

FEATURES:

Pet Loads: .30-30 Winchester	22
The 16 Stretches Out Don Zutz	26
.380 ACP — Better Than You Think	27
Complete Reloading: Case PreparationBob Hagel	30
New Federal Wad and Hull	34
Super Velocities From One 7x57 Dennis Hall	38
Extending the Powley Computer Rev. Kenneth Howell	42
DEPARTMENTS:	

I

Editorial6	Loading the Old Ones16
Reader Bylines8	Tip to Tip
Pyrodex Plant Explosion 10	(E) Contain 5.1 to 1 33
Dan Pawlak12	Answers Please
Lock, Stock & Barrel 14	ProducTests64

Propellant Profiles......66





The HANDLOADER, Copyright 1977, is published bi-monthly by the Wolfe Publishing Company, Inc., P.O. Box 3030, Prescott, Arizona 86301. (Also publisher of Rifle Magazine.) Telephone (602) 445-7810. Second Class Postage paid at Prescott, Arizona, and additional mailing offices. Single copy price of current issue \$1.25. Subscription price: six issues \$6.50; 12 issues \$11.50; 18 issues \$15.0. Outside U.S. possessions and Canada — \$7.50, \$13.50 and \$18.50. Recommended foreign single copy price, \$1.50. Advertising rates furnished on request.



Publisher of The HANDLOADER is not responsible for mishaps of any nature rublisher of the HANDLOADER is not responsible for mishaps of any fradire which might occur from use of published loading data, or from recommendations by any member of The Staff. No part of this publication may be reproduced without written permission from the editor. Manuscripts from the editor written permission from the editor. Manuscripts from the editor writtens must be accompanied by stamped self-addressed envelope and the publisher cannot accept responsibility for lost or mutilated manuscripts.



Change of address: Please give six week's notice. Send both old and new address, plus mailing label if possible, to Circulation Dept., The HANDLOADER Magazine, P.O.Box 3030, Prescott, Arizona 86301.

YOUR MARCH-APRIL COVER

The Presentation Grade Crown and Exhibition Grade Super Crown Krieghoff skeet guns on this month's cover were custom stocked in French Walnut by Jack Dockwiller. The 4-barrel skeet sets went from the Krieghoff factory in Germany to the United States, then back to Europe for engraving and back to Dockwiller in the United States for the Stocks and the set of Southwest Shooters stocks and then to Bruce Kinkner of Southwest Shooters Supply in Phoenix who now owns the guns. Photo by Richard L. Aldis.

