

AMERICAN

# HANDGUNNER

67522 T&E

## STEEL CHALLENGE

FEATURES \$200,000 PURSE

CHIP McCORMICK WINS AH STAGE

### PROFILE

JO ANNE  
HALL

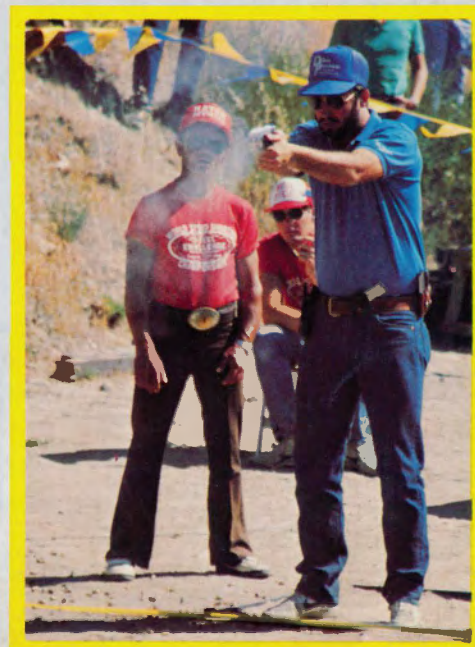
### TEST

DETONICS  
POCKET  
NINE

YOU  
CAN WIN  
A CUSTOM  
RUGER



LEATHAM TOPS FIELD



AMERICAN  
**HANDGUNNER**  
Custom  
Gun Giveaway

CUSTOM TEST

DAVIS WINDMASTER





"AIRBORNE ALL THE WAY, SIR!"





Proudly Presenting...

# THE AIRBORNE COMMEMORATIVE FIGHTING KNIFE

*A limited edition of 2500, embellished with 24-karat gold, honoring America's Airborne Forces. This is the first in the series, "The American Elite Forces Fighting Knife Collection," which personifies the confidence needed to fight outnumbered and win!*

The dedicated Americans of our elite force units are hand picked, highly trained, especially physically fit, motivated in the extreme and ready at a moment's notice to enter the jaws of death—to fight outnumbered in defense of our freedom.

The American Historical Foundation is proud to honor these often-unheralded heroes of our country's special elite military units through "The American Elite Forces Fighting Knife Collection."

## Serial No. 1 to Ft. Benning

The first knife in this series—now available—pays tribute to U.S. Airborne Forces. This is a strictly limited edition of only 2500. Serial No. 1 is being presented to the Infantry Museum at Ft. Benning—where the Airborne was founded.

The Airborne Commemorative Fighting Knife is a deluxe, hand finished Ek Commando Knife, Model No. 4. Since 1941, Ek knives have proven themselves in the hands of American military men on the battlefields of World War II, Korea, and Vietnam. They are one of the—if not the—leading private-purchase military fighting knives in American history.

The Airborne Commemorative Fighting Knife is bench made by the Ek Commando Knife Company. Their motto is "Made in America, by Americans, for Americans"—and they mean it!

Most Ek Commando Knives were available only to active-duty military personnel—which is why they are better known among veterans than among civilian collectors. This marks the first time a special, presentation-grade Ek Commando Fighting Knife has ever been announced to the general arms-collecting public. But only 2500 of the Airborne Commemorative knives will be made.

## A Battleworthy Fighting Knife

This is a double-edged, battleworthy fighting knife. It is one of the strongest knives in the world because it is made with more steel than any other knife of its type and size—

with a full-length, full-width tang, which extends  $\frac{3}{4}$ " beyond the grips to form the distinctive Ek "skull-crusher" butt.

The unique Ek "handprint" grips are perfectly contoured to fit the thumb and the ball of the hand, for maximum thrusting power. For this Airborne Commemorative, the grips are shaped from rugged, maroon-rosewood laminates—representative of the maroon beret, universally symbolic of Airborne forces.

## 24-Karat Gold Plating

A finely detailed Airborne drop zone combat scene is deeply etched along the full length of the 6 $\frac{1}{2}$ " blade, which is made of special Ek high-carbon stainless surgical steel. To highlight this pattern, the etched areas are plated with pure 24-karat gold. The jump wings—the badge of honor of America's

"sky soldiers" and Airborne-qualified personnel of other service branches—with the motto, "Airborne All The Way!" are proudly gold etched in the center. Even the extended butt is elaborately gold etched with the laurel leaf motif of victory.

This special collector's edition introduces lathe-turned "X"-head screws to affix the grips. Custom made of solid brass, these are mirror polished and heavily plated with pure 24-karat gold. The cross-guard is thick, mirror polished solid brass, also plated with 24-karat gold.

The limited edition serial number between 0001 and 2500 is engraved on the blade shoulder, inscribed on the accompanying Certificate of Authenticity and registered with the Foundation—your further assurance of this strict edition limit.

## First Option; No Obligation

When you reserve the Airborne Commemorative Fighting Knife, you are also guaranteed first option, without obligation, to reserve subsequent knives in "The American Elite Forces Fighting Knife Collection" one at a time in the months ahead. This way you can systematically acquire a complete set with matching serial numbers, on a convenient basis. These knives will honor U.S. Army Special Forces, U.S. Army Rangers, U.S. Navy SEAL/UDT, U.S. Marine Recon and U.S.A.F. Air Special Operations. They will be different models and variants of famous Ek military fighting knives, with different grip materials and blade combat scenes.

The Airborne Commemorative Fighting Knife is shown with the optional display case. This is genuine solid mahogany routed to perfectly hold and display your knife. A slid-

ing plexiglass lid protects the knife from dust and unauthorized handling. The case, which measures 14" x 5" x 1 $\frac{1}{2}$ ", can be easily wall mounted with the two brackets provided.

Whether or not you or a member of your family served in an elite force unit, your ownership and display of this knife will show your patriotic pride in our military and in the Americans who have defended our country in the past and who stand ready, today, to fight, if called.

## How To Reserve

To place your reservation, you may call (a toll free number is available), use the reservation on this page or personally visit our headquarters. Satisfaction is guaranteed, or return within one month for a full refund. There are no shipping charges. For an additional \$15 we will personalize your knife by engraving your name, rank, and serial number on the blade reverse. If you wish Airborne, Air Assault, Glider, Rigger, or USN/USMC jump wings etched on the blade reverse, just add \$10.

When you place your reservation you will also be made a Member of The American Historical Foundation, and receive special information concerning the care and collecting of military arms and advance notice of all Foundation military projects. This is available exclusively through the Foundation.

Ek Commando Knives are extremely rare, so prompt action is suggested while these are available.

### RESERVATION

Satisfaction Guaranteed or Return in 30 Days  
To: The American Historical Foundation  
1022 West Franklin Street, Dept. A47  
Richmond, Virginia 23220  
Telephone: (804) 353-1812  
24-hour toll free reservations: (800) 368-8080

Yes, I wish to reserve each of the following etched and 24-karat gold-plated limited edition Elite Forces Commemorative Fighting Knives:

\_\_\_\_ Entire Series  
\_\_\_\_ Airborne    \_\_\_\_ Ranger    \_\_\_\_ Special Forces  
\_\_\_\_ SEAL/UDT    \_\_\_\_ Marine Recon    \_\_\_\_ Air Spl. Ops.

☐ Please also send the mahogany display case, at \$24 each, for each knife reserved.

☐ No payment at this time. Please charge or invoice the balance due per knife...

☐ in two equal payments.    ☐ in full.

☐ My payment in full is enclosed (\$195 per knife; display case, add \$24).

Name .....

Address .....

For Visa, MasterCard or American Express, please send account number, expiration date and signature. Virginia residents add tax.





# HANDGUNNER

SEPTEMBER/OCTOBER 1985 Vol. 10, No. 54

## FEATURES

<b>COURSE OF FIRE: STEEL CHALLENGE</b> .....	29
How you can shoot the Steel Challenge at your range.	
<b>MASTER TIPS</b> , Jon Winokur .....	33
Lee Cole's match winning tip for gals.	
<b>CROSSFIRE</b> , Mickey Fowler and Mark Hipes .....	35
Is IPSC a sport or tactical training?	
<b>THOMPSON TRIO</b> , Mike Barach .....	37
Auto-Ordnance's three chamberings of Browning's 1911 design.	
<b>IPSC INDOOR CHAMPIONSHIP</b> , Cameron Hopkins .....	38
IPSC indoors? You bet!	
<b>PLASTIC PACKS A PUNCH</b> , Anthony Carlyle .....	40
Our British correspondent reports on the plastic Glock 9mm.	
<b>1985 STEEL CHALLENGE</b> , Cameron Hopkins .....	42
The World Speed Shooting Championship offered \$200,000!	
<b>DAVIS WINDMASTER</b> , Seth Nadel .....	46
Bill Davis applies radical new thinking to the PPC gun.	
<b>CUSTOM GUN GIVEAWAY</b> .....	48
You can win a custom Ruger from Bowen Classic Arms.	
<b>HOME ON THE RANGE WITH JO ANNE HALL</b> , Cameron Hopkins .....	50
Meet former Dallas Cowboy Cheerleader and IPSC ladies champ.	
<b>COLT'S PYTHON TURNS 30</b> , Stanley W. Trzoniec .....	52
The Python celebrates its 30th birthday.	
<b>CHOP JOBS WITH CLASS</b> , AH Staff .....	55
The firm of 300 Gunsmithing knows how to chop barrels.	
<b>NASTOFF SUPERCOMP</b> , Jim Weller .....	56
A look at one of the hottest new compensated .45 autos.	
<b>THE CENTIMETER BORE</b> , Whit Collins .....	58
Part Two of a report on the 10mm bore and the Bren Ten.	
<b>DETONICS POCKET NINE</b> , Bob Murphy .....	61
A pocket pistol with promise.	
<b>LADY'S CHOICE</b> , Mason Williams .....	62
A look at a perfect carry gun for lasses—Freedom Arms' minis.	
<b>HORNADY PRO 7 PRESS</b> , Mike Barach .....	63
This progressive press cranks em out with quality.	
<b>UNIQUE IS UNIQUE</b> , Terry M. Boyer .....	88
A report on this versatile pistol powder.	

## COLUMNS

<b>COP TALK</b> , Massad Ayoob .....	6
<b>COMBAT SHOOTING</b> , Mickey Fowler .....	9
<b>INSIGHTS INTO IPSC</b> , Cameron Hopkins .....	11
<b>HANDGUN HUNTING</b> , J.D. Jones .....	14
<b>HANDGUN LEATHER</b> , Al Pickles .....	17
<b>HANDLOADING</b> , Dan Cotterman .....	20
<b>PISTOLSMITHING</b> , John Lawson .....	23
<b>THE GUILD SPEAKS</b> , George Wessinger .....	26
<b>CONVERSATION WITH A CHAMPION</b> , Jon Winokur .....	36
<b>INDUSTRY INSIDER</b> , Jerry Rakusan .....	94

COLT'S PYTHON TURNS 30 SEPTEMBER/OCTOBER 1985

# AMERICAN HANDGUNNER

## STEEL CHALLENGE

FEATURES \$200,000 PURSE  
CHIP MCCORMICK WINS AH STAGE

**PROFILE**  
JO ANNE HALL

**TEST**  
DETONICS POCKET NINE

YOU CAN WIN A CUSTOM RUGER

LEATHAM TOPS FIELD

CUSTOM TEST  
DAVIS WINDMASTER




Cover: Ed Brown's Maxi-Comp, AH's prize at the Steel Challenge. Photo by Nick Karras.

## STAFF

**GEORGE E. von ROSEN**, Publisher  
**JEROME RAKUSAN**, Editorial Director  
**CAMERON HOPKINS**, Editor  
**SYDNEY BARKER**, Art Director  
**TOM HOLLANDER**, Circulation Director  
**NICK SOULELES**, Advertising Sales Manager



**NATIONAL ADV. OFFICE:** 591 Camino de la Reina, Suite 200, San Diego, CA 92108 (619) 297-8520

**WEST COAST REPS.:** Media Sales Associates, 23232 Peralta Drive (Suite 218), Laguna Hills, CA 92653 (714) 859-4448

**EAST COAST ADV. REPS.:** Buchmayr Associates, 980 Post Rd., Darien, CT 06820 (203) 655-1639

**AMERICAN HANDGUNNER** (ISSN 0145-4250) is published bi-monthly by Publishers Development Corp., 591 Camino de la Reina, San Diego, CA 92108. Second class postage paid at San Diego, CA 92108, and at additional mailing offices. Subscriptions: One year (6 issues) \$11.95. Single monthly copies \$2.00 (in Canada \$3.00). Change of Address: Four weeks' notice required on all changes. Send old address as well as new. Contributors submitting manuscripts, photographs or drawings do so at their own risk. Material cannot be returned unless accompanied by sufficient postage. Payment will be made at rates current at time of publication and will cover reproduction in any or all **AMERICAN HANDGUNNER** Magazine editions. Advertising rates furnished on request. Reproduction or use of any portion of this magazine in any manner, without written permission, is prohibited. All rights reserved. Title to this publication passes to subscriber only on delivery to his address. **SUBSCRIPTION PROBLEMS:** For immediate action write to **AMERICAN HANDGUNNER**, Attention Christi McCombs—591 Camino de la Reina, Suite 200, San Diego, CA 92108 or call (619) 297-8524. Ask for Christi McCombs or Tom Hollander.

Postmaster: Send address changes to American Handgunner, 591 Camino de la Reina, Suite 200, San Diego, CA 92108





# SURVIVAL

## The Ultimate Survival Knife/Kit

**This deluxe survival knife is the perfect companion for hunters, fishermen, campers and just to have around the house.**

Quality features include 6" razor sharp blade, waterproof 4½" aluminum hollow handle, (available in camouflage or black) with liquid filled compass, leather sheath with sharpening stone.

Survival Kit includes: 10 matches, 20" wire saw, fishhooks, sinkers, nylon line for fishing, sewing, 2 large sewing needles can be used for medical use and to form a spear for hunting and fishing.



**ONLY \$19.<sup>95</sup> EACH**  
**SPECIAL \$38.<sup>00</sup> FOR TWO**

**SATISFACTION GUARANTEED**  
or your money back.

## HOW TO ORDER INFORMATION.

TO ORDER BY MAIL, USE COUPON OR SEPARATE SHEET.  
MAIL PAYMENT OR CREDIT CARD INFORMATION WITH  
EXPIRATION DATE, CARD NUMBER AND SIGNATURE.

**Knifeco** P.O. Box 5271, Hialeah Lakes, FL 33014

Please send me:

- ☐ 1 Survival Knife @ \$19.95 plus \$3.00 for shipping & handling.  
☐ 2 Survival Knives @ \$38.00 plus \$3.00 for shipping & handling.

**Specify:**

- ☐ Camouflage handle with green sheath & black coated blade  
☐ Black handle with black sheath & stainless blade.

**Florida Resident add 5% sales tax.**

Catalog only \$2.00 ☐ Free with order

☐ Check enclosed    ☐ Money Order

Charge my ☐ MasterCard ☐ Visa

Credit Card No.

[illegible]

Expiration Date

[illegible]

Authorized Signature

Name \_\_\_\_\_

Address

City

State

Zip

**Knifeco** P.O. Box 5271, Hialeah Lakes, FL 33014



# COP TALK

MASSAD AYOOB

## THREAT OF LETHAL FORCE CAN END A NASTY SITUATION BEFORE IT STARTS

*Editor's Note: This is the third of Ayooob's three part series on mental aspects of lethal encounters.*

In previous installements, we've looked at the importance of developing an instant, reflexive, appropriate response to the threat of deadly force, and how to come to terms with using defensive deadly force in time to prevent innocent persons from being criminally savaged. Let's look now at a key aspect of the use of lethal force in self-defense: the deterrent effect upon criminals whose depredations are cut short when they face the potential of lethal defensive force in the hands of good guys.

Consider the following scenarios:

—You have pulled over to assist a stalled motorist. As you step out of your car, you see him grab a 30-30 rifle and begin to turn toward you.

—You and your partner are questioning two men who have been firing guns in a sandpit posted with "No Trespassing" signs. Suddenly, one of them draws a .25 automatic and begins to thrust his gun arm toward your partner.

—A man you have probable cause to believe is armed is asked by your partner for identification. He reaches under his left armpit, and you know he doesn't have a pocket there, not on his T-Shirt and not inside his windbreaker.

—You and your police partner have ordered two armed robbery suspects to "assume the position" against a van. You have reason to believe that one of them is armed with a chrome-plated handgun. As your partner moves forward to frisk him, this suspect spins toward your partner, his hand knifing under his jacket and toward his hip in a classic FBI draw.

—You are riding with a Southern State Trooper who pulls over a Camaro for suspected drunk driving. He approaches the driver's door and as you come up on the right, you see a man in the passenger seat reaching behind him, and you see that his hands are almost on a rifle lying on the back seat.

Shoot? Don't shoot? The decision is yours, and so is the responsibility for the life that is irrevocably extinguished by your gunfire.

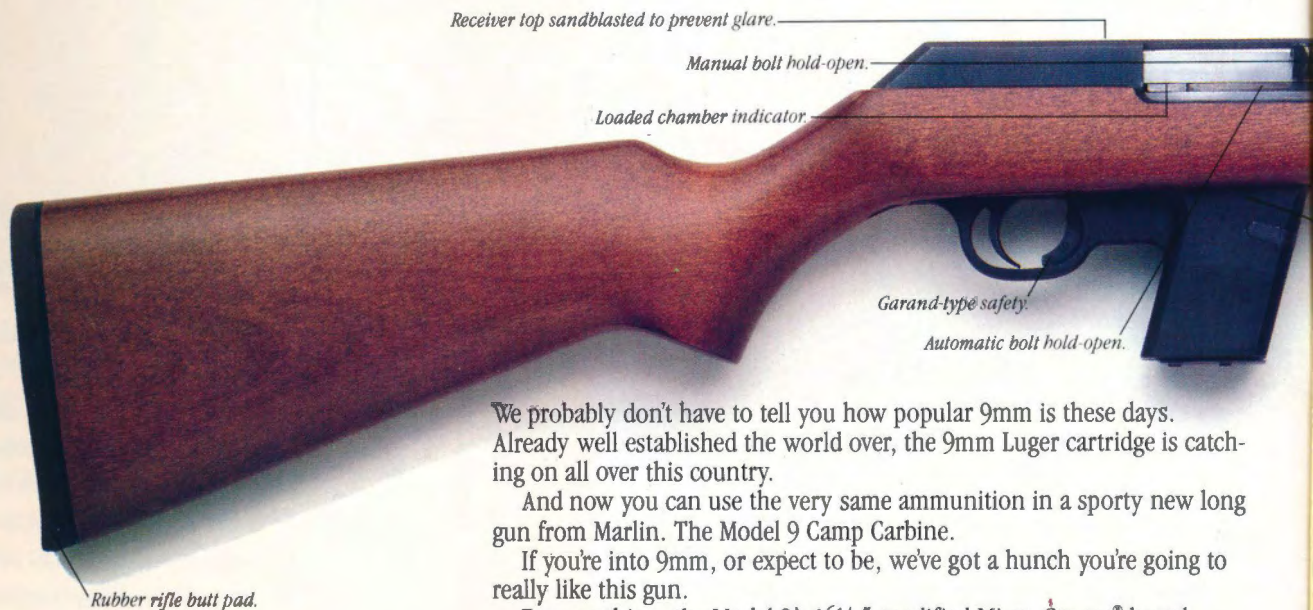
All five happened. They happened to me. Attorneys tell me that I would have been justified in shooting all of the people who at the moment were criminal suspects who had given me probable cause, in the mind of a reasonable and prudent man, to fire. Let me tell you how it all turned out.

The first man, the motorist, was a trucker who saw my patrol car pull in front of him, and was afraid I would arrest him for having an illegal loaded rifle in his cab. He was trying to hide it. He dropped the gun when I pulled my .45 auto on him.

The second man had presented his Galesi .25 to show that it was unloaded. He froze and put it on the ground after I levelled a 12-gauge Winchester police shotgun at his chest. The third had been terrorizing his estranged wife with a pistol; he froze when I drew down on him with my .45, and we relieved him of a .380 loaded with Super Vel hollowpoints.

The fourth turned out not to have his gun behind his hip; but he froze when I said something unpleasant from behind the Ithaca 12-gauge I was pointing at his groin. He told my partner he made the fake drawing gesture

## 22% more velocity. 50% more



We probably don't have to tell you how popular 9mm is these days. Already well established the world over, the 9mm Luger cartridge is catching on all over this country.

And now you can use the very same ammunition in a sporty new long gun from Marlin. The Model 9 Camp Carbine.

If you're into 9mm, or expect to be, we've got a hunch you're going to really like this gun.

For one thing, the Model 9's 16½" modified Micro-Groove® barrel delivers more than a 22% increase in muzzle velocity and a 50% boost in energy over a 4" barreled 9mm handgun.



in NIJ Report 101-83. In this study, Mann test barrels (not service weapons), were used, because, according to the experimenters, "chamber pressures can exceed those permissible in standard handguns." The caution is justified. Consider, for example, the level of pressure associated with launching a 115-grain 9MM bullet to over 1500 fps from a four-inch autoloader. This, by the way, was but one of many "blue pill" loads fired during the tests. It gleaned an RII rating of 34.5, compared to a meager 9.4 for a bullet of the same weight and shape fired at 1272 fps in the tests involving factory loads.

Although many of the bullet-weight/velocity-RII combinations shown in 101-83 evoke suspicions of high chamber pressures (no powder-charge or pressure numbers are included), others might be considered by the handloader.

Big-bore boosters will be pleased to learn that the highest RII in the handloading category went to a bullet loaded for the .45 Long Colt cartridge. A 200-grain Speer jacketed hollow-point, at 1509 fps, caused an enormous, gourd-shaped hollow and earned an impressive 94.4. As noted earlier, 101-83 does not provide information regarding powder charges; however, we are aware that such 200-grain velocities are within easy reach of the handloader with a .45 Colt barrel from Thompson/Contender.

I realize that the extensive testing herein briefly reviewed is centered on ammunition



Small game hunting, plinking or target shooting. Whatever your sport, Federal has the right ammunition for you.

High velocity Federal Hi-Power® 22s with copper-plated bullets—regular or hollow point—pack a game-stopping wallop. They're available in 50-round box or sturdy 100-round plastic pack. Economical Lightning™ 22s in the familiar blue box, with lubricated lead bullets, are great for your recreational shooting. And now Federal offers two cartridges for the 22 Magnum—one full metal jacket load and the second jacketed hollow point. So try a box or two of Federal 22s today; prove their performance for yourself.

# FEDERAL®

FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minnesota 55402

FACTORY LOADS:				HANDLOADS:			
CALIBER & BULLET	BBL LEN.	VEL.	RII	CALIBER & BULLET	VEL.	RII	POWDER GRAINS
9MM REM. 115-GR. JHP	4"	1192	28.2	9MM SPEER 100-GR. JHP	1246	32.1	HERCO 7.2
.38 SPL 125-GR. SPEER JHP (+ P)	4"	1006	21.9	.357 SPEER 125-GR. JHP	1066	27.1	HS-6 7.5
.357 MAG. 140-GR. SPEER JHP	4"	1221	41.8	.357 SPEER 140-GR. JHP	1240	46.4	BLUE DOT 12.5
.41 REM. MAGNUM 210-GR. JSP	4"	1260	51.6	.41 REM. 210-GR. JSP	1276	55.6	BLUE DOT 14.0
.44 MAG. 200-GR SPEER JHP	4"	1277	67.3*	.44 SPEER 200-GR. JHP	1332	80.5	WW 231 11.5
.45 AUTO REMINGTON 230-GR. FMJ	5"	864	4.3	.45 SPEER 200-GR. JHP	928	24.8	HS-6 8.2
.45 COLT WINCHESTER 255-GR. LEAD RN	7.5"	821	3.7	.45 SPEER 250-GR. SWC	1384	78.4	WW 296 23.3**

\* Highest RII rating with factory loads tested.

\*\* Magnum primer. (.45 Colt Load for Ruger and T/C Contender only.)

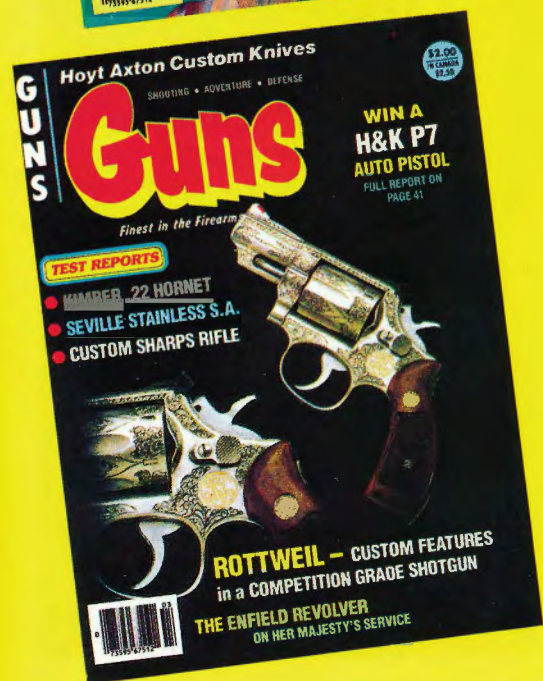
for police use, and that police are somewhat restricted in their choice of weapons, and especially of bullets. The foregoing does not, however, stem my frustration at not having seen test results reflecting the use of cavity-nosed bullets, and double or triple wadcutter loads, especially in .38 and .44 calibers. Furthermore, cavity-nosed bullets, such as the .38 Hydra-Shock and the .44 Manstopper, are capable of tremendous expansion—and at velocities well under the presumed expansion threshold of 1,000 feet per second.

I am grateful to Dr. Ragsdale for his valuable contribution to this column and its readers, and at once compelled to defer to the authority of another U.S. Army medical researcher, Col. Frank T. Chamberlin, who rather loosely philosophized: "It is one thing for the 'slide-rule genius' to sit down at a desk or feed information into a computer or gaze on photos of bullets taken in flight and then state with authority that this bullet will do this or that every time . . . However, some of these buzzards can run you off your stool and give you all the 'ballistic' answers . . . I'm dead 'agin' these characters who can *always* tell why or how because the slide rule said so or the 'moon was in the third quarter' when they started to figure."

The RII ratings, however, are substantially infrastructured by a thorough system of laboratory testing. After reviewing the results obtained with various handloads, I'm inclined to believe that the researchers are at last onto something worthwhile.







# GREAT GUNS!

**Great reading** ... that's what GUNS is all about. Great reading about guns and only guns. It's the firearms publication that the experts read ... and the experts write. And GUNS covers the total firearms field like no other magazine. It's the only one where you'll find regularly featured articles on handloading, bench resting, black powder, airguns, knives, handguns, rifles, and outstanding engraving.

**Great coverage** ... the most complete ever. The very next issue may include just the article that you've been looking for. An article that could save you many times the cost of a subscription. **You can't afford to be without it.**

**Great value** ... **SAVE up to 53% by subscribing now.**

One year \$14.95 (you save \$9.05)  
Two years \$24.85 (you save \$23.15)  
Three years \$33.45 (you save \$38.55)

Charge your subscription to your Visa/BAC or MasterCard

Foreign subscribers add \$6.00 per year.  
Allow 4 to 6 weeks for delivery.



1246 Handgun Models  
1233 Rifle Models  
965 Shotgun Models

**FREE!** The revised REDBOOK of Used Gun Values is yours with your paid subscription (worth \$4.95).

**Subscribe to GUNS.**  
You'll get a bang out of it.

Use the adjoining postage paid order card or write to:

# GUNS

MAGAZINE

591 Camino de la Reina-Dept. 117  
San Diego, California 92108

THIS OFFER IS VALID for only 3 months from cover date.



# COMBAT SHOOTING

MICKY FOWLER

## CYCLOPS SYNDROME: SHOOTING COMBAT WITH ONE EYE VERSUS TWO EYES OPEN

One of the questions asked most often by people starting out in practical pistol competition is, "Should I keep both eyes open when shooting or close one eye?"

Keeping both eyes open, especially in speed shooting and IPSC type events can be a slight advantage. That is nice to know, but what happens when the shooter experiences double-vision? He sees two targets when focusing on the front sight. This is a serious problem. But there are certain techniques and training exercises which can be learned to help reduce eye strain and prevent loss of depth perception caused by completely closing one eye.

For years bullseye shooters have worn various weak-eye blocking devices. These are usually attached to shooting glasses which when flipped down completely block the weak-eye while still allowing the blocked eye to remain open while shooting. This eliminates the eye strain and fatigue prob-

lems caused by closing one eye. Unfortunately, for the practical shooter it also causes loss of depth perception. This is of no consequence to the bullseye shooter who is not required to engage multiple targets at different distances or move from one shooting area to another. This can be a handicap for the combat shooter who needs a certain amount of depth perception for many of the shooting problems he must solve.

The double-vision problem caused by keeping one eye closed can be helped by squinting your weak-eye down just far enough to alleviate the double-vision. Many shooters use this technique to reduce eye strain and still keep their depth perception.

With many hours of practice you can train your dominant eye to overpower the weak-eye and eliminate the double vision.

Try the following exercise: make sure your pistol is empty and pointed in a safe direction. Pick out a spot to aim at. Focus on your

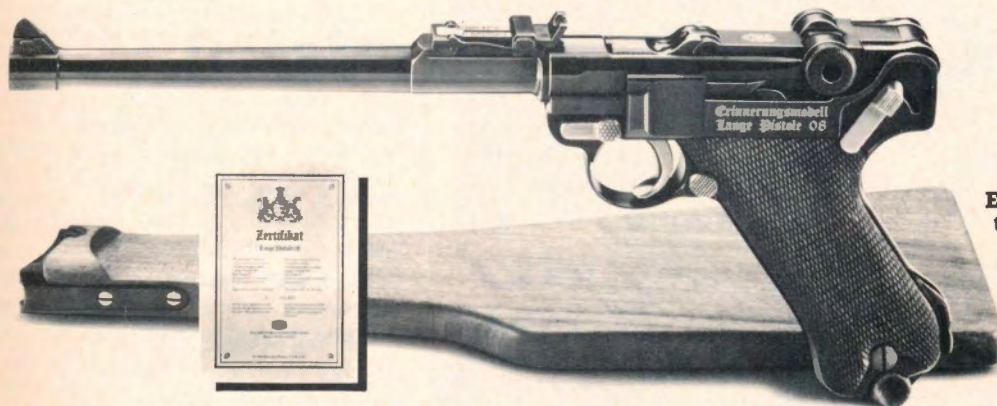
front sight with both eyes open. Slowly squint your weak-eye until you only see one image. Hold your sight picture and concentrate on the single image seen by your master eye. With lots of practice you should be able to open your weak eye wider and wider until you no longer have to partially close it. This is not an overnight process and can take many months, so don't expect instant results.

A quick way of overcoming this double-vision problem, although not as desirable in the long run, is to partially block the weak-eye. This is usually done by placing a small round adhesive patch, usually black in color, about  $\frac{3}{8}$  inch diameter on the outside of the weak-eye lens of your shooting glasses. Placement of this patch is critical. To find the proper location assume your natural shooting stance. Make sure your pistol is unloaded and pointed in a safe direction. Start by placing the patch slightly to the inside center of the weak eye lens. Put on your glasses and take a sight picture with both eyes wide open. If the patch has been correctly placed, you will not see double images. If you still see double images move the patch until it is properly placed. Using the small patch lets you keep both eyes wide open while still retaining most of your depth perception.

If after giving the above methods a fair try, and none seem to improve your scores, don't lose any sleep over it. Championships have been won by shooters who keep one eye closed and also by shooters who shoot with both eyes open.



## MAUSER "Lange Pistole 08" Commemorative Model



Every Luger commemorative model is supplied in a precious leather case with manufacturer's certificate. Gold lettering: "Erinnerungsmodell Lange Pistole 08" (Commemorative model L.P.08) and DWM emblem.

A Luger pistol for collectors and experts designed on the basis of the Pistole Artillerie 08, Model 1930 - the MAUSER commemorative model "Lange Pistole 08". Its limited number of 250 units guarantees genuine exclusivity and increasing value. As with all MAUSER guns, engineering perfection and high-grade finish have been ensured through precision manufacturing and thorough quality control.

### "Lange Pistole 08" - a MAUSER commemorative model

Limited number available:	250 units
Caliber:	9 mm Para
Barrel length:	200 mm (8")
Sights:	tangent sight up to 800 m with 100 m graduation
Accessories:	walnut shoulder stock, front sight adjusting tool, special Parabellum cleaning rod and spare magazine

Please send \$1,— handling charge to our U.S. agent Armes de Chasse, 3000 Valley Forge Circle, King of Prussia, PA 19406 for further information.



Mauser-Werke  
Oberndorf GmbH  
P.O. Box 13 49  
D-7238 Oberndorf (W-Germany)  
Phone (07423) 70-487





## It's tough to tell 'em you missed.

Sure, we all miss once in a while. And it hurts. But you should never have to wonder if the ammunition you bought is to blame. You won't when you buy Frontier Cartridges. They're for hunters who don't like making excuses. We make them with the kind of care you'd expect from a company of dedicated handloaders. So it takes us longer...and each box costs a little more. But it's worth it.

It's worth it to know you're shooting high performance

Hornady Bullets, precisely matched to case, powder and primer. Worth it to have confidence that accuracy, dependability and stopping power are

**Next time,  
buy Hornady.**



built in, constantly verified and repeatable, round after round.

Think about it as you plan your next hunt, and insist on high performance Hornady Frontier Cartridges at your dealer.

For more information on Hornady Frontier rifle and pistol cartridges, write: Hornady Manufacturing Co., Box 1814, Dept. AG3095 Grand Island, NE 68802-1848.

**Hornady**  
Frontier Cartridges



# INSIGHTS INTO IPSC

CAMERON HOPKINS

## BUDDY SYSTEM FOR PRACTICING IPSC OFFERS YOU WIDE RANGE OF BENEFITS

Rob Leatham and Brian Enos know it works.

Mickey Fowler and Mike Dalton know it works.

Gary Hine and I know it works.

What works is the buddy system for practicing IPSC to develop your skill level.

Often in practice you find yourself inadvertently doing more harm than good by practicing mistakes of which you are unaware.

Don't snicker, it can happen. Here are a couple of examples of errors that my practice partner Gary Hine helped point out.

We were practicing some longrange shooting by drawing and firing one round at a 10-inch steel plate at 35 yards. Concentrating on accuracy, we were taking a leisurely pace of getting off a shot, from leather, in about four seconds. All day, for combat shooting.

About halfway through the session, Gary remarked that it appeared I was canting the pistol slightly to the left. No way, I responded, I grip that sucker straight.

Performing another draw, I froze as the sight picture became clear. I raised my head and inspected my firing grip. Sure enough, the pistol was cocked slightly to the left.

Gary also noticed I had developed the decidedly unsafe practice of disengaging the thumb safety almost immediately upon gaining a grip on the pistol in the holster.

I had been completely unaware of this habit. Without the buddy system, I would still be blissfully ignorant of this unsafe practice.

The main benefit of practicing with a buddy is that your buddy can notice these small errors for you. You are often too entranced with concentrating on sight picture/trigger squeeze to catch your own mistakes.

Another advantage of practicing with a friend is that you can easily set up some man-on-man practice drills, the best way I know of to simulate match pressure.

Steel targets are a great way to shoot man-on-mans with your shooting buddy. Gary's and my favorite is a drill using a steel Milpark at various ranges. The drill is simple—using a timer like the Pro Shot or PACT to provide a start signal, we draw and fire until one of us hits the plate. First hit wins. Overall loser of the bouts buys the beer.

A buddy system for practicing IPSC provides both buddies with a chance to practice certain drills, like the *El Presidente*, which must be fired with a clock running to keep track of the time elapsed. If you don't have the luxury of an electronic timer, then the buddy

system is the answer because the buddies take turns running a stop watch.

Without a practice buddy, it's easy to get caught in the trap of practicing the same old

drills over and over. A buddy offers input of different practice drills to provide the necessary variety of drills in a good series of practice sessions.

Another benefit to the buddy system concerns safety. Sure, you are safe with your gun. But accidents can happen. What are you going to do if, practicing alone, you fumble the draw and put a bullet in your thigh? It could be tricky driving yourself to the hospital, especially if your car has a standard transmission. Having a buddy along assures instant first aid and help if an accident occurs.

The buddy system stimulates motivation. Your buddy can light the sometimes needed fire under your butt.

You know the feeling—you've shot your

**THE GRIZZLY WIN MAG**

**THE NEW .45 MAGNUM PISTOL . . .**

that can also fire the 9mm Winchester Magnum, the .357 Magnum, the .45ACP and 9mm Luger interchangeably!

— See your dealer today —

For brochure, write:  
L.A.R. MANUFACTURING INC.  
4133 W. Farm Road  
Dept. AH  
West Jordan, Utah 84084  
(801) 255-7106

Add \$1.00 for postage and handling.

**GRIZZLY**



first 100 rounds, and you're a bit bored. It's just not your day, and you're merely going through the motions. Here is where a good practice buddy can get you fired up by provoking you, cajoling you, stimulating you.

"What kind of sloppy shooting is that? Come on, guy, you can do better than that. Get with it! Concentrate, or you'll be buying the beer."

The business about the loser buying the beer brings up another interesting point about the buddy system. You can add to the degree of simulated match pressure by making small wagers with your shooting buddy. When you're shooting for money, believe me, it gets the adrenalin pumping.

The stakes don't have to be large, just enough to make you want to win. And the desire to win is, in essence, the heart of match pressure.

Another good wager is the loser picks up all the brass.

But this works only if you and your practice buddy have very similar levels of skill. Obviously, the system won't last long if one of the partners consistently wins the beer money. Frustrating, don't you know.

What I've found with Gary is that depending on who is having a good day, that person wins. And that's the way it should be with practice buddies—you've got to feel motivated and know that if you shoot poorly, you'll be buying the beer. Or picking up the brass.

Oh yes, one last point about the buddy

system. Companionship and fraternity. Practice buddies tend to grow closer as friends through interdependence.

Even if there were no practical benefits to the buddy system, the fact that it broadens friendships is enough of a reason to try it. A man only has a handful of really good, close friends in a lifetime. Might as well expand your friendship with your practice buddy.

Besides, the buddy system works regardless of such a tender bonus. Just ask Rob Leatham and Brian Enos.



#### GOLDEN EAGLE DATES SET

The Golden Eagle IPSC match will be Aug. 31 to Sept. 1 at Newburg, Ind. The Golden Eagle has proved to be one of the premiere matches on the IPSC circuit. This year's match offers over \$25,000 in cash and prizes, nearly the amount offered at the USPSA/IPSC National Championships last year.

For further information contact Patrick Golini, 6622 Springvale Ct., Newburg, IN, 47630, (812) 853-8925.

#### READER'S RESPONSE

Here are a couple of responses from the Reader's Question in the May/June issue. The question was: "What is your favorite type of course of fire in IPSC. Explain why. \*Assault courses \*Standard exercise drills \*Speed contests"

*My favorite course of fire is the assault course. My reasons are as follows:*

*A) It brings together all the shooter's skills into one stage such as gun handling while on the move, test of equipment such as gun retention, test your accuracy. You must plan your strategy to run that course which may or may not be different from your fellow shooters.*

*B) Since it is a unique course of fire, and not something a competitor can easily practice, it causes some disruption in his rhythm and changes his thinking sequence.*

*I don't believe the assault course should be a test of athletic ability or a running contest, but rather a series of shooting problems that bring all the shooter's skills together at once.*

*Gene C. Babin  
Slidell, LA*

*When I first began shooting IPSC about 18 months ago, the club where I shoot held a lot of courses which might be called 'shopkeeper's courses.' They amounted to short assault courses, with 10-15 yards of lateral movement, few targets over 15-20 yards, and quite a few 'no-shoots.'*

*Scoring was usually Comstock, with a few set up for Limited Comstock. To me, these courses are the most practical applications of the sporting use of the defensive pistol. I enjoyed them a great deal, and in part, because I think those courses embodied what practical shooting was meant to be.*

*John P. LeVick  
Blair, OK*

#### READER'S QUESTION

What is your reaction to the Crossfire debate feature in this issue, devoted to martial artists vs. gamesmen?

Send your answers to 'Insights Into IPSC', Suite 200, 591 Camino de la Reina, San Diego, CA 92108. Limit your response to 250 words. Answers must be either typewritten or clearly handwritten. The editor reserves the right to edit published answers for clarity or length.

#### USPSA OFFICIAL WORD

*The Front Sight* is the new official USPSA publication which you receive free with your USPSA membership. The magazine is edited by Michael Bane, a regular contributor to the *Handgunner*. Each bi-monthly issue brings you in-depth features pertaining exclusively to IPSC from the latest equipment to the newest trends.

For a multitude of reasons, you, as an IPSC shooter, should join USPSA (P.O. Box 811, Sedro-Wooley, WA, 98284) and receive this magazine as part of your \$20 annual dues. *The Front Sight* is the perfect complement to the *Handgunner* for all IPSC shooters.

Michael is actively looking for your ideas for IPSC articles. Drop him a line if you want to try your hand at writing (2305 Fig Street, Tampa, FL, 33609). Michael requests that you first send a short query letter outlining your article idea.



## RECIPE OF THE MONTH

Caliber Bullet Weight and Type	Primer	Powder	Charge Weight in Grains	Velocity fps.	Pressure C.U.P.
45 Auto 185 grains W.C., F.M.C.	Win	452AA at	4.0 grains	686	11,500
	Large Pistol	452AA at	4.5 grains	769	13,800



**WINCHESTER**  
The Ammunition Authority

For free powder loading Data/Catalog, write to Reloading, Winchester Group/Olin Corp., Shamrock Street, East Alton, IL 62024 © Winchester Group/Olin Corporation, East Alton, IL 62024



# An investment in quality.



Save at Bank of Silvis and collect a fine Colt® or Browning®.



If you're a collector or sportsman, the Bank of Silvis has your kind of interest on a Special Certificate of Deposit. For a limited time, when you open a Special C.D. Account you can collect a Colt handgun or Browning shotgun, right away, in lieu of interest. Depending on the amount of your deposit, you can choose from limited edition Old West Commemoratives, accurate target guns (single gun or sets), or proven hunting guns. Own a piece of American heritage that you can display and use with pride.

You know that Colt and Browning mean dependability. The Bank of Silvis has meant dependable banking to the Midwest for over 35 years. Open a Special C.D. and start your collection of these fine firearms today. It's an investment in quality and history.



## COLT HANDGUNS

.22 cal. Duke  
.22 cal. Kit Carson  
.44-40 cal. Theodore Roosevelt  
Nickel-plated .22 cal. Diamondback  
and .357 cal. Python Set

Blued .22 cal. Diamondback and  
.357 cal. Python Set  
.22 cal. Ace and .45 cal. Series 80  
Gold Cup Nat'l. Match Set  
.357 cal. Stainless Steel Python



## BROWNING

### BROWNING SHOTGUNS

12-gauge, 3" magnum Citori-Invector  
12-gauge, 2-3/4" Superlight Citori-Invector  
12-gauge, 3" magnum Auto 5-Invector

For a free color brochure and more information on the Special C.D. Offer, call Bank of Silvis toll free at 1-800-848-8191. In Illinois, call collect 1-309-752-1200. Or fill out the coupon below and send to: Bank of Silvis, Attention: Promotions Department, 11th and 1st Avenue, Silvis, IL 61282.

Please send me the free brochure, Special C.D. application and all the necessary information.

Name \_\_\_\_\_

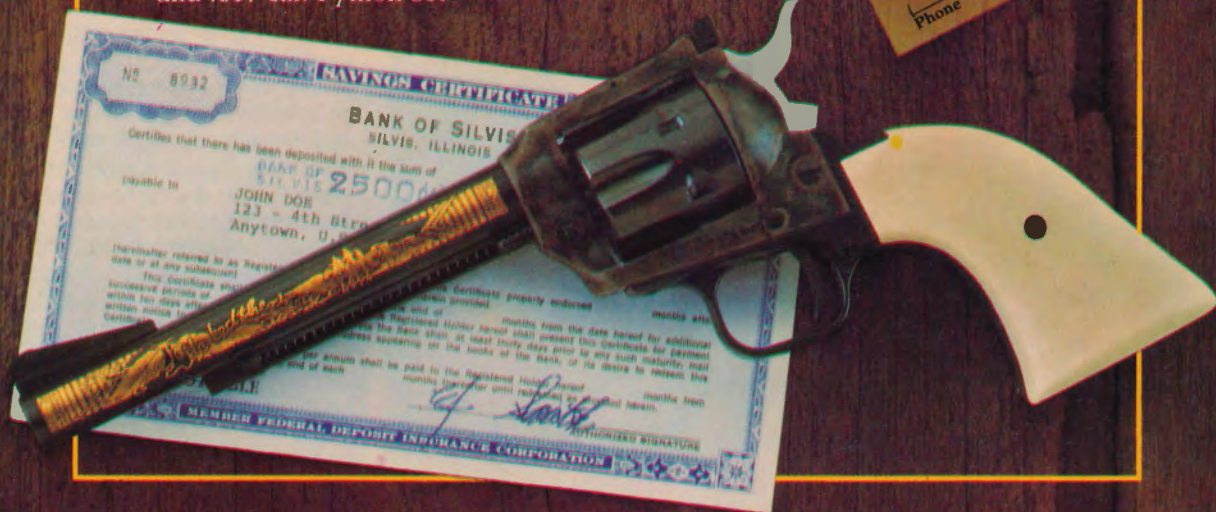
Address \_\_\_\_\_

City \_\_\_\_\_

Phone \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_



the unstuffy  
**bank of Silvis**

11th Street at First Avenue/Silvis, Illinois 61282/PH. 752-1200



# HANDGUN HUNTING

J. D. JONES

## WHAT'S THE BEST SIGHT FOR HUNTING? JONES PREFERS SCOPES FOR MOST USES

There is nothing wrong with hunting with iron sights if you can see them well enough to shoot them effectively and use them within your capabilities. Iron sights are in their element in any hunting with dogs such as mountain lion or hogs where the quarry is dispatched at very short range—usually not over 50 feet and frequently less than 20. Even the usual grooved receiver—half moon Colt SA sight—will be adequate under those conditions. As distances or poor light conditions occur, the iron sight loses effectiveness fast.

Very poor in the field is the sight system that uses a lot of shiny white paint in the rear blade combined with shiny red, white or whatever on the front sight. While they look OK in subdued light, in strong sunlight some of them are impossible to use effectively. I've seen designs that were so poor I couldn't hold six-inch 25 yard groups from a bench rest with them. Sighted-in under poor light conditions, they shoot to a drastically changed

point of impact than in direct sunlight.

I can live with a subdued, non-glare white outline combined with a non-glare front sight in a high visibility color. In fact, this is one of the best all-around iron sights to be had. It increases visibility in low light conditions and, if done properly, does not hinder accurate shooting in bright sunlight. The standard S & W white-outline-red-insert-front is close to the right thing, but the shiny red plastic insert just doesn't get it. It shines, and under some conditions almost disappears.

I think the most effective of the iron sights, without going to a custom installation, is a plain black notch rear combined with a plain black post front. This combination seems to give the best overall results in the field. It is relatively stable in point of impact and its only real disadvantage is its low light capability. A high visibility, non-glare, non-shiny front sight will help low light capability without interfering with the sight's efficiency in bright sunlight.

The preceding is predicated on the rear sight being of good quality mechanically with a positive adjustment system.

I wouldn't even hazard a guess as to what the average effective range of such a sight would be in the field. Conditions vary too greatly to come up with an average. Generally, I feel my capability to accurately place a shot with iron sights on a deer-size animal in the field under usual conditions craps out at around 100 yards. Obviously some can do better, and others worse.

The problem is simple. You can't hit any better than you can see. Iron sights block a lot of the target; are harder to use than a reasonably powered scope; are slower than a scope to use at other than point blank range; are a lot more delicate than a scope if the gun should be dropped; don't magnify the horns so you can take a better look before making a decision to shoot; limit your range considerably and crap out a lot sooner than a scope under poor lighting conditions.

When I use iron sights I also prefer to have a repeating gun. Not particularly by choice, but because I'll have a much greater likelihood of needing a second or third shot.

A scope eliminates the above problems at the expense of being more bulky and adding weight—in the case of the 4X Leupold, 7.6 ounces for the scope and a few ounces for a mount. Mounted properly, balance should not be changed and in many cases will be improved. Scoped revolvers always feel odd to me. After years of iron sight shooting use I instinctively hold the gun to iron sight height and have to fire a few shots to get back in the groove. Scoped T/Cs feel more natural to me than they do with iron sights. It's simply a matter of what you are used to more than anything else.

The easiest way to use a scope on a pistol is to use it like an iron sight. Look at the target with both eyes open and put the scope between your eyes and the target like you do with iron sights. Looking through the scope and then trying to find the target doesn't work very well. If you feel a scope is too slow, then you either aren't using it right or need more practice.

The scope with its attendant fine aiming point without the necessity of aligning front and rear sights allows far more precise bullet placement than iron sights with any type weapon. That also applies to running game. I find I can hit a running animal very close to where I want to hit him with a scoped gun. I don't mean to imply that a scope is infallible or that I never miss—I do. And I also don't pull the trigger when I am not confident I can make the shot. I also prefer to take an animal cleanly with one well placed shot if possible. In addition, a scope will automatically correct an extremely wide range of vision problem that makes accurate iron sight shooting impossible for many individuals.

What do I use personally? Whatever I feel like. I try to use the gun, caliber and sight set-up within its and my capabilities. I do know I'm a lot more effective with a scoped gun than with any other sight set-up.



## a tradition of EXCELLENCE

### DON HUME LEATHERGOODS

always striving for the  
best in design, crafts-  
manship and service

Nearly thirty years ago Don Hume started producing excellent holsters, and today it has become a tradition. We are entering into our third generation of gun handlers with new concepts that appeal to Sportsmen and Law Enforcement Officers. Only our image is changing, not our quality.



For your copy of our NEW catalog,  
send \$5.00 (refundable on \$25.00 retail order)  
to: Don Hume Leathergoods, P.O. Box 351, Dept. AH, Miami, OK 74355



# Holsters with a Memory

■ One of the virtues of a fine leather holster is the way it fits every contour of the specific handgun it was designed to hold.

■ When Michaels of Oregon pioneered the nylon holster a couple years back, we wanted each holster to fit every gun precisely and securely. But at the same time, a relatively few sizes of holsters had to fit a great number of guns.

■ The SIDEKICK series of hip holsters was born with a new, sandwich-type laminate with a memory that would deliver the best of both worlds . . . a snug fit for individual guns and the ability to fit many different guns in a size range.

■ Now patented by Michaels, this laminate of Cordura nylon, closed-cell foam padding and nylon lining has the ability to

form around the gun when you holster it. It will keep that shape during normal use, but the laminate's memory will gradually return the holster to its original profile to accept other guns equally well.

■ Since the first SIDEKICK hip holsters were introduced, "Uncle Mike's" has continually improved and refined the design, and has added many other styles. Today, SIDEKICK holsters are the most innovative and highest quality nylon holsters on the market. Look for them and the new line of SIDEKICK belts and accessories at your gun dealer or sporting goods store.

## CORDURA® NYLON OUTER SHELL

Michaels chose the practically indestructible Cordura nylon material for the outer shell of SIDEKICK holsters because of its incredible toughness and resistance to wear. Totally unaffected by heat, cold, moisture or mildew, Cordura has been shown in laboratory tests to have twice the abrasion resistance as ballistic nylon, and ten times the scuff resistance of leather.

## LINING

Sturdy, yet non-abrasive nylon prevents damage to the gun's finish and blueing, but offers little resistance while drawing or holstering.

## PADDING

Closed-cell waterproof foam, now tougher than before, is laminated permanently between the outer shell and lining to form a 100% moisture barrier between your handgun and the elements.

## CONSTRUCTION

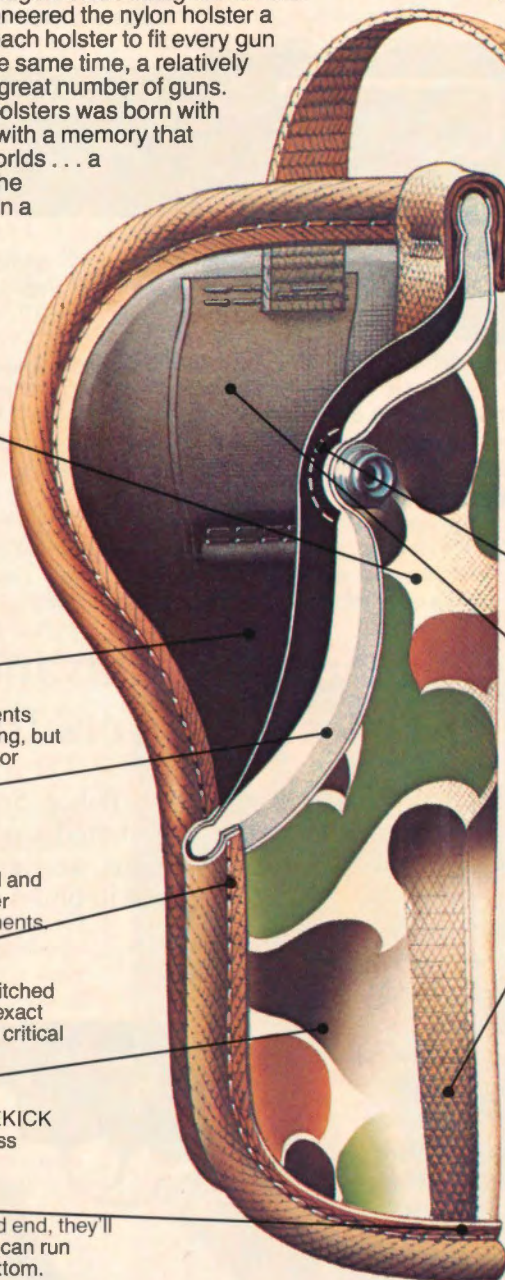
Each holster is precision cut, then stitched accurately to form the holster in the exact shape every time, with reinforcing at critical areas.

## LIGHTWEIGHT

The lightweight construction of SIDEKICK holsters means more comfort and less fatigue in the field.

## WATER DRAINAGE

Even though most models are closed end, they'll never fill up with rain since the water can run easily through the stitching at the bottom.



## NEW BUCKLE

All SIDEKICK hip and vertical shoulder holsters now employ a new combination safety strap buckle and snap that puts the adjustment on the front of the holster. The strap is sewn permanently to the back of the holster.

## COVERED SNAPS

No metal is exposed inside the holster that might scratch a handgun. All snaps are covered on the inside.

## BELT LOOPS

Models that are suspended from a belt, or those that are secured by a belt, have heavy nylon web belt loops sewn to the holster.

## PATENTED SIGHT CHANNEL

A special, heavy-duty strap of polymer-coated nylon web forms a channel inside the holster to prevent handgun sights from catching on the inside of the holster.

## WANT TO KNOW MORE?

Send \$1.00 for "Uncle Mike's" 1985 full-color catalog to Michaels of Oregon, Dept. AHG-7, Box 13010, Portland, OR 97213.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

SIDEKICK holsters are protected by U.S. Patents Nos. 4,485,947 and 4,485,948.



Hip



Vertical Shoulder



Horizontal Shoulder



NEW Super Belt Slide



Ankle



Inside-the-Pant



# RUGER® Security - Six® Double-Action Revolvers

Rear sight, adjustable for windage and elevation, has white outline notch on target models.

Spring-loaded firing pin is enclosed within the frame. With the trigger released and transfer-bar withdrawn below the firing pin, the hammer rests directly on the frame.

New Goncalo Alves target-style grips.

Serrated ramp style front sight on target models has red insert to facilitate correct sight picture.

Standard barrel is forged with integral rib and ejector housing.

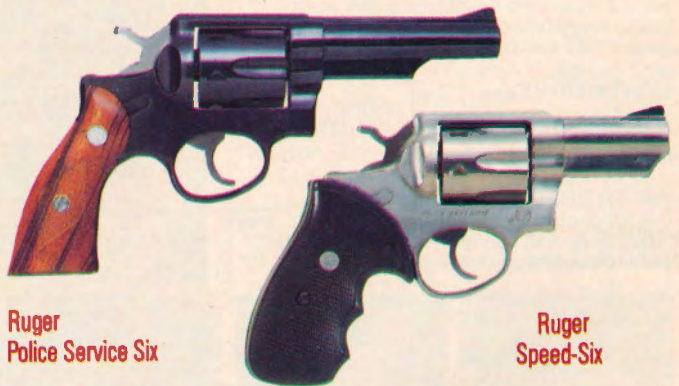
Ruger double-action revolvers are designed with extra metal in the top strap and critical areas around barrel threads.

Ruger engineering and advanced technology make these great revolvers the world's best!

When the Ruger Security-Six revolvers were created, they represented the first significant improvement in double-action revolver design in many decades. During the past fifteen years of production, over one million Security-Six revolvers have been built, and today this great revolver is recognized by experts throughout the world for its logical design and fine workmanship. *But, the real basis for its reputation is that tests have proven that it will outshoot and outlast any comparable revolver ever made.*

Ruger Security-Six revolvers are chambered for the .357 Magnum cartridge and .38 Special in standard and +P loads, and are furnished with white outline adjustable rear sight and serrated ramp front sight with red insert on target models. Barrel Lengths: 2<sup>3</sup>/<sub>4</sub>", 4", and 6". Oversize grips are Goncalo Alves. Finish: polished overall and blued. Stainless steel models have brushed satin finish. In 14 models at suggested retail prices from \$309.00.

The Ruger Police Service-Six and Speed-Six revolvers are based on the Security-Six design, with fixed sights, and a variety of barrel lengths, grip styles, and in blued or stainless steel versions.



Ruger  
Police Service Six

Ruger  
Speed-Six

copyright 1985 by Sturm, Ruger & Company, Inc.  
RUGER, SECURITY-SIX, SERVICE-SIX, and SPEED-SIX are U.S. registered trademarks.



TO INSPECT RUGER FIREARMS & OBTAIN A FREE CATALOG, SEE YOUR LOCAL DEALER. SINGLE COPIES OF INSTRUCTION MANUALS FOR ALL MODELS OF RUGER FIREARMS ARE AVAILABLE ON REQUEST — PLEASE SPECIFY MODEL FOR WHICH YOU REQUIRE A MANUAL.

**STURM, RUGER & Company, Inc.**  
**2 Lacey Place**  
**Southport, Connecticut 06490 U.S.A.**

ALL RUGER FIREARMS ARE DESIGNED AND MANUFACTURED IN RUGER FACTORIES IN THE UNITED STATES OF AMERICA



# HANDGUN LEATHER

## AL PICKLES

### PICKLES EXPLAINS HOW TO RECOGNIZE SUPERLATIVE QUALITY IN A HOLSTER

Holster quality is reflected in the price, but, since there are some poorly made yet expensive holsters, it might do well for me to devote part of this column to a brief explanation of what to look for when examining gunleather prior to purchase. We will assume that you have decided on a particular design suitable to the purpose of your handgun. For a case in point the design I have selected as an example is a shoulder rig for carrying a large gun, like the Ruger Redhawk, in the field during hunting trips.

Since Alessi is to holsters as Gucci is to shoes, we will examine the workmanship and materials of an Alessi *Fieldmaster* against a lesser brand which, incidentally, carries an almost identical price tag. The Alessi costs \$90, the lesser brand costs a few dollars more.

Just as there is grain in wood, there is grain in leather. You can look at an Alessi holster, (2465 Niagra Falls Blvd., Tonawanda, NY, 14150) and actually see beauty in the grain. Grain is the result of the animal's hair follicles. Full grain or top grain comes from that portion of the leather which lies immediately below the hair and epidermis and has not been buffed or sanded to remove blemishes. You need not be an expert to spot and appreciate the grain of an Alessi.

On the other hand, our comparison holster gives the appearance of a piece of waxed and polished cardboard. Indeed, it is leather, but true grain is not evident.

The Alessi features best grade leather from the shoulders and bends of the animal hide. The bend, sometimes called 'butt bend' or simply 'butt,' comes from the backbone section of the hide. In contrast, leather from the belly is loosely fibered, overly soft, and has low strength. A quality manufacturer will mention and guarantee the source of his material.

Weight of the leather is a descriptive term more related to thickness. One 'weight' unit equals 1/64 of an inch. Leather must be heavy enough to perform the task for a very long period of time.

While a light piece of leather might be quite adequate for carrying a little .25 ACP autoloader, it will certainly not do for my big Ruger .44 Magnum. The Alessi rig is 1/8 inch thick plus another 1/16 inch in the smoothly finished lining. These are my own approximate measurements where actual thickness might be in some oddball fraction. Alessi calls it 10 weight. The lesser brand comparison holster has a total thickness of 1/8 inch including a light suede lining and is 8 weight. The difference between the two is 1/16 inch which might spell out an additional

10 years service, maybe more.

Stitching is very important in measuring the durability of a holster. The thread should be linen which is very high strength. It is twisted from strands, called 'cords' in the industry, and ideally should be 4-6 cord. Also there should be 6-7 stitches per inch. The holster should be double stitched in areas of stress.

The Alessi *Fieldmaster* is stitched with seven cord waxed linen thread, six stitches to the inch, and triple stitched at the trigger guard, double stitched at the belt loop, and quadruple stitched where it attaches to the harness. The lesser brand rig appears to be about six cord and six to the inch. Certainly no complaint with that, but there is no additional reinforced stitching anywhere in the rig.

Were you to have the two rigs before you, as I do, the difference in quality would be obvious almost in the extreme. Were you looking at the lesser brand with nothing with

which to make a comparison you might think the inferior rig to be a very good holster.

As far as design features of the two rigs are concerned, the comparison stops here. The inferior brand is simply a shoulder holster with no extra or novel features. The Alessi *Fieldmaster*, however, is loaded! The double harness system is wide soft leather, adjustable through the utilization of snaps and buckles for a wide range of sizes from cheerleader to quarterback. On the off-side are two covered ammo pouches capable of carrying 12 rounds of .44 Magnum or, as I prefer, six rounds and a small first aid supply.

The best Alessi design feature is a snap operated swivel which can change the holster position from vertical to near horizontal.

The wide belt loop on the holster side is also swivel mounted allowing you freedom of body movement with a good degree of comfort. The rig, complete with large frame Magnum, can be worn while driving an auto, mounted on horseback, or, as so many are being worn, while operating tractors and other farm vehicles during hunting season. There is, additionally, a safety strap which is removable via snaps at both ends.

A holster, a really good holster, will last the average handgun owner for a lifetime. It will last the heavy user, such as a policeman, for most of his career. If he cares for it well, it will last longer than that. Look over an Alessi holster and learn to recognize quality. Once you do, you will never settle for less.



## THE HUGGER™

WHEN ONLY THE BEST WILL DO . . .

OUR DISTINCTIVE ANKLE HOLSTER FEATURES INCLUDE:

- Finest Full Grain Cowhides
- Genuine Sheepskin Padding
- Cushions Contact Points
- Steel Reinforced Thumbbreak
- Steel Loop for Sure-Tightening
- Fully Leather Covered Velcro® Fastening
- Molded to fit 2 - 3" Revolvers and Small and Medium Automatics (Specify)
- Smoothly Finished in Natural Saddle or Black



FROM YOUR DEALER OR FROM COBRA GUNSKIN:

• MODEL H-1LS (shown above) Padded Sheepskin with Calf Support . . . . . \$36.95	• MODEL M-1LS Padded Suede with Calf Support . . . . . \$26.95
• MODEL H-1 Padded Sheepskin without Calf Support . . . . . \$32.95	• MODEL M-1 Padded Suede without Calf Support . . . . . \$22.95

Please Add \$3.00 For Shipping & Handling

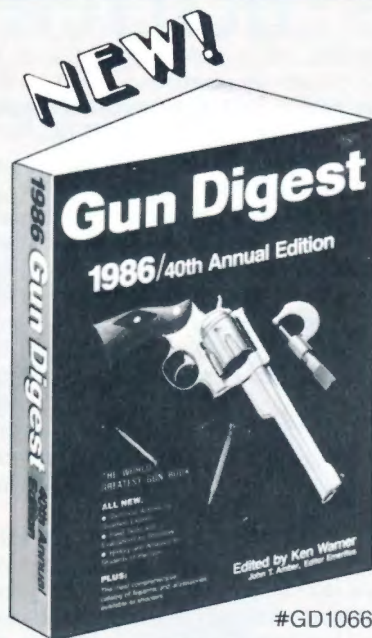
**. . . Nothing comes close to a Cobra**

133-30 32nd AVENUE, FLUSHING, NEW YORK 11354 (718) 762-8181





Buy One **DBI** Book, Get One Free!



#GD1066

488 8½" x 11" pages

**\$15<sup>95</sup>**

The World's Greatest Gun Book is greater than ever before with nearly 500 pages packed with timely, interesting articles and the best catalog of firearms and accessories on the market today. Here's a preview:

**The M16A2: New World Standard For Infantry Rifles** by C.E. Harris. The new M16A2, having arisen from the ashes of the M16, should answer handsomely the complaints of the past.

**The Eight Dangerous Myths of Self-Defense** by Massad Ayoob. Even a righteous shooting could haunt a family, legally and financially, for years.

**Baker Bores 'Em Big** by Don Zutz. A .730-inch 12-gauge bore that's been bored out to .750-inch or even .800-inch can shoot tighter patterns. This reborn shotgun tuning technique works.

**The Legendary French 75** by Konrad F. Schreier, Jr. Schreier writes of the brilliant role played by this field gun in U.S. Army hands during WWI.

**The Model 94 And The 30-30** by Sam Fadala. After years of muzzle-loading, Fadala rediscovers the Model 94 and the 30-30 cartridge.

**Last Chance Buffalo** by Spence Dupree. Taking Cape buffalo in Zimbabwe the hard way — from a wheelchair.

**I Won't Hunt With Single Shot Rifles** by E. A. Matunas: **I Do Hunt With Single Shot Rifles** by Layne Simpson. These two hunter/writers who ought to know disagree vehemently, but with style, on the use of the single shot rifle for hunting.

# 1986 GUN DIGEST

## 40th Edition

Edited by Ken Warner

### Guns We Never Should Have Sold

by David Petzal. One editor gathers the tales of woe from seven others: Barrett, Brister, Carmichel, Hagel, Nelson, Warner and Wooters.

**Early Pump Guns** by John Malloy. A detailed look at the guns that replaced double guns almost as fast as factories could build them.

### The Truth About The Cavalry

by G. N. "Ted" Dentay. The British Cavalryman's kit consisted of two guns, a sword, a bayonet, a lance, and three bushels of assundry other trappings. All Dentay had to do was figure out how to get it all on a horse and leave room for the rider.

### Picking Your Go-Along Gun

by Don L. Johnson. After dozens of trips and hundreds of miles on foot, this writer knows what gun to carry. He's tried plenty.

### The Extra-Quality Guns

by J. W. "Doc" Carlson. Even if most off-the-rack front-stuffers don't suit your taste, and you can't stand either the price or the wait for a pure handmade article, there are still guns out there for you.

**Pump Guns In The Real World** by Peter Nelson. When it's freezing, wet, muddy and it's going to be an interminably long day, the slide-action shotgun is the one to carry.

**The Man Who Builds Punt Guns** by David J. Baker. A look at the guns designed to throw a pound of shot into a flock of sitting ducks.

**The Extraordinary Glock** by Raymond Caranta. A nearly all-plastic 9mm pistol that went from a blank sheet of paper to military acceptance in under four years.

**Up The Spout With John and Ken** by Roger Barlow. Paper wadding works fine in muzzle-loading shotguns, just as it did in the last century.

**A First Featherweight** by E. B. Mann. A long running controversy between Jack O'Connor and E. B. Mann results in an early Featherweight version of the Winchester Model 70.

**Get A Good Ready** by Sam Fadala. The sage advice of a turn-of-the-century outdoorsman is reinterpreted for the modern hunter/shooter.

**Remembering Clyde . . .** by Dick Eades. A fond remembrance of the man and his shop that started the author on a lifelong love affair with guns and shooting.

**Sing A Song Of Bullets** by Reginald Bretnor. A gunsmith solves a tricky shooting (fiction).

**The Cautious Converter** by Russ Gaertner. You can make big-bore

revolvers out of medium-bore revolvers, but it's no free ride.

### Are You Ready For The Big 10?

by Francis E. Sell. The 10-gauge Magnum is more and less shotgun than most shooters need.

**One Good Gun Section:** A 721 Remington by Bob Bell. An S&W Trail Masterpiece by Terry Murbach.

### The .30 What?

by Roy F. Dunlap. You'd be astonished how quickly powder charges under 30 grains can part a 190-grain bullet.

**A New Sniper Round** by Larry S. Sterett. A new sniper round (the 8.58 x 71mm) puts a 338 bullet out there for a long-range smash.

**All-Out Autoloader** by Ken Warner. Here's how one man does it when he makes a cost-no-object pistol.

**Big News In Airguns** by J. I. Galan. The airgun factories are busy, but there are only two first-ever, stop-the-presses trends this year.

**Rigby's** by Jerry Evans.

**The Nazis' Gustloff Pistol** by Dr. Bruno Brukner.

**The Ansley H. Fox Gun** by Don Hardin.

**Auxiliary Cartridges And Other Such Stuff** by Elmer Kurrus.

**Twenty Years Of Gun Leather** by Bob Arganbright.

### Much, Much More!

**TESTFIRE REPORTS** on Wolf Ears, the state of the art ear protection; a 30-30 Derringer; the Deer Master; Ultra Light's Model 20; Pennsylvania Arms Slug Guns; Walker Chokes and the APS.

**PLUS THESE REGULAR DEPARTMENTS:** Ammunition, Ballistics and Components • Rifle Review • Black Powder Review • Scopes & Mounts Review • Handguns Today: Auto-loaders, Sixguns and Others • Custom Guns • Shooter's Marketplace • Art Of The Engraver • Shows of Europe

**SPECIAL GUNDEX:** A preface to the catalog section, enabling the reader to locate immediately any gun in the catalog, knowing no more than its manufacturer and model designation.

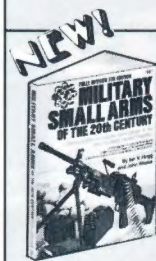
### EIGHT FULL COLOR PAGES OF GUNS AND ACCESSORIES!

**GREATLY EXPANDED CATALOG SECTION:** Packed with illustrations and specifications on all U.S. and imported rifles, shotguns, handguns, blackpowder guns, air guns, chokes and brakes, metallic sights, scopes and mounts. All are listed with the most up-to-date prices available.

USE COUPON ON OPPOSITE PAGE TO ORDER NOW! ➡



# Buy One **DBI** Book, Get One Free!



## **MILITARY SMALL ARMS OF THE 20TH CENTURY**

5th Edition

By Ian V. Hogg & John Weeks  
New pistols, sub-machine guns, bolt action rifles, anti-tank rifles and machine guns, inc. USSR ASK SMG, FN BGM-15s, WA 2000 Sniping rifles, Browning's DA Compact pistol. 304 8½" x 11" pages.

#MSA5 ..... \$14.95



## **GUN DIGEST BOOK OF MODERN GUN VALUES**

5th Edition

By Jack Lewis

Greatly expanded to include all non-military guns introduced between 1900 and 1983. Thousands of listings and nearly 2000 photos. Current values, full specs and descriptions. 400 8½" x 11" pages.

#MGV5 ..... \$14.95

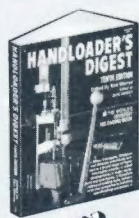


## **FLAYDERMAN'S GUIDE TO ANTIQUE AMERICAN FIREARMS And Their Values**

3rd Edition

Completely updated prices & specs with over 3500 models and 1450 photos. How to identify, value and collect. 624 8½" x 11" pages.

#FLA3 ..... \$19.95



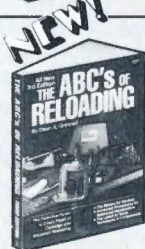
## **HANDLOADER'S DIGEST**

10th Edition

Edited by Ken Warner

Dozens of helpful "how to" features, including tools, materials, tips and techniques, by the top writers in the field. Extensive catalog of components, equipment and accessories for reloading. 320 8½" x 11" pages.

#HD10 ..... \$12.95



## **ABC'S OF RELOADING**

3rd Edition

By Dean A. Grennell

Constructing a loading bench, dispensing powder, seating bullets, bullet casting, lube/sizing, swaging, shotshell reloading, J. D. Jones Wildcats, homemade equipment, primers, powders, bullets. Mathematical tables/equations. All new. 288 8½" x 11" pages.

#ABC3 ..... \$11.95



## **METALLIC CARTRIDGE RELOADING**

Edited by

Robert S.L. Anderson

How-to articles by experts, plus over 200 pages of load table data on approx. 70 rifle and pistol calibers. Emphasis on modern rifle & handgun cartridges, selected obsolete ones. 320 8½" x 11" pages.

#MCR ..... \$13.95



## **THE COMPLETE SHOOTER**

By Sam Fadala

Truly the complete book of shooting. Whether your interest is mild or fierce, this is the one book you must have in your shooter's book case. 448 8½" x 11" pages.

#SHOOT ..... \$17.95



## **GUN DIGEST BOOK OF COMBAT HANDGUNNERY**

By Jack Lewis & Jack Mitchell

From the basics to competition training and exercises. Coverage of the Bianchi Cup, the Steel Challenge and World Championships with diagrams and how to shoot courses. 288 8½" x 11" pages.

#COMB ..... \$11.95



## **POPULAR SPORTING RIFLE CARTRIDGES**

By Clay Harvey

Examines almost 50 metallic cartridges, their history and handloading quirks. Combines hard data with Author's interesting and informative analysis. Factory and handload data furnished with each cartridge. 320 8½" x 11" pages.

#PSRC ..... \$13.95



## **GUN DIGEST BOOK OF GUN CARE, CLEANING AND REFINISHING**

By J. B. Wood

Two separate volumes describing correct care in detail — one on pistols and revolvers; the other, rifles and shotguns. Covers dry firing, cleaning equipment, chemicals, lubricants. Explains cleaning methods for all guns — even black

powder arms. Explores the art of refinishing, many carrying cases, theft protection, evaluation and insurance. Each book contains 160 8½" x 11" pages.

### **Book I: HANDGUNS**

#GCH ..... \$8.95

### **Book II: LONG GUNS**

#GCL ..... \$8.95



## **GUN DIGEST BOOK OF EXPLODED FIREARMS DRAWINGS, 3rd Edition**

Edited by Harold A. Murtz

Expanded to over 400 firearms. New drawings from Marlin, Interarms, Weatherby, Savage; the Charter AR-7; UZI's submachine gun. 448 8½" x 11" pages.

#EFD3 ..... \$14.95



## **BOLT ACTION RIFLES**

Revised Edition

By Frank de Haas

Definitive work covering all major designs since the Mauser of 1871. Detailed coverage of over 110 turnbolt actions — how they function, take-down/assembly, strengths & weaknesses, dimensional specs. 448 8½" x 11" pages.

#BAR ..... \$14.95

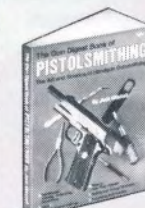


## **HOME GUNSMITHING DIGEST, 3rd Edition**

By Tommy L. Bish

Repair, restoration, remodeling for every gun owner. Metal: plating, inlaying, soldering. Wood: gluing, coloring, filling, finishing. Tools: choosing, sharpening, care. 256 8½" x 11" pages.

#HG3 ..... \$11.95



## **GUN DIGEST BOOK OF PISTOLSMITHING**

By Jack Mitchell

Covers smoothing, tuning, timing, joining, metal tempering, rebarrelling, troubleshooting, accurizing, installing/altering sights, making replacement parts. Kits for a 45 auto, rebuilding a junker pistol. 288 8½" x 11" pages.

#PIST ..... \$11.95

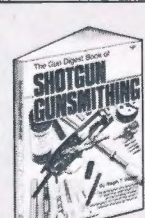


## **GUN DIGEST BOOK OF RIFLESMITHING**

By Jack Mitchell

Covers locking systems, proven designs, triggers, safeties, barrel rifling/crowning, bedding, bolt jewelling, installing scope mounts and sling swivels, metallic rifle sights, stocks and forearms, much more. 256 8½" x 11" pages.

#RIFL ..... \$11.95



## **GUN DIGEST BOOK OF SHOTGUN GUNSMITHING**

By Ralph Walker

One of the nation's premier shotgun specialists explains the principles and practices of repairing, individualizing and accurizing modern scatterguns. Much here never covered before. 256 8½" x 11" pages.

#SHSM ..... \$11.95

## **TWO BOOKS FOR PRICE OF ONE! HERE'S HOW!**

Buy one of the DBI books shown in this ad and get another DBI book FREE!

- Buy any book(s) in this ad at retail price.
- For each book you buy, you may select a second book from this ad of the same price or less FREE!
- Please include \$2.00 for each FREE book you order to help us cover postage, insurance, packing and handling.
- This offer is restricted to purchases made by mail order from this ad only.

A I'm Buying These	B Retail Price	C Send These FREE!
--------------------------	----------------------	--------------------------

\$	\$	\$
----	----	----

Book #	Book #
--------	--------

\$	\$
----	----

Book #	Book #
--------	--------

\$	\$
----	----

Book #	Book #
--------	--------

Column "B" Total	\$
------------------	----

PLUS postage, insurance and handling fee

(\$2.00 for each FREE book) \$

TOTAL ENCLOSED \$

**10-DAY MONEY BACK GUARANTEE.**

**ALLOW 4-5 WEEKS FOR DELIVERY.**

**DBI BOOKS, INC.** Dept. J547

4092 Commercial Ave., Northbrook IL 60062

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

**U.S. & Canada only. Sorry, no APO's or FPO's**

2 for 1 offer expires in 60 days! Check or money

order must accompany order. Please do not

send cash.



# HANDLOADING

DAN COTTERMAN

## COTTERMAN CLEARS UP AN ENIGMA OF RELOADING—STANDARD DEVIATION

Pushing the summary button on Oehler's Model 33 Chronotach will reveal high and low velocities, extreme variation, average velocity, and standard deviation (Sd). Most of this information is fairly well understood by the majority of handloaders.

It is, however, unfortunate that Sd has continued to exist as a thing of profound mystery to the same majority. Indeed, because of its involvement with abstruse arithmetic (statisticians define Sd as the square root of the mean of the squared deviations from the population mean), it is at once misunderstood and overvalued. The result is that safe, accurate handloads are being abandoned when they happen to show a higher Sd than others that may appear to be less worthy.

I don't think that's what Dr. Oehler had in mind when he included Sd capability in his Chronotach, but the suggestion persists as we read, "If the standard deviation is large and the group is reasonable, consider it to be a warning flag."

Significantly, this rather ominous hint leaves "large" undefined, except for the following notations: "Less than 5 fps—probably luck; 5-12 fps—uniform ammo; 13-30 fps—marginal; above 30 fps—improve it." We have, therefore, a seemingly plausible definition of correlation between Sd, safety, and uniform handloads which, ideally, will shoot small groups. Another idea, also advanced by Oehler, is that we should begin looking for signs of excessive pressures when Sd is "large," or relatively so. Such wisdom stands unchallenged, although it is important to realize that even moderate loads often exhibit relatively high Sd figures, while remaining capable of quite rewarding accuracy.

While this report was being prepared, a letter arrived from C.E. Harris, Ruger's manager of quality assurance. One of several sets of test results Harris included with his letter is headlined, "Barrel Twist and Chamber Type vs. Bore Fouling and Accuracy in 9MM Luger." Obviously, the original objec-

tive was not to prove or disprove the value of Sd in load development. (We can assume that no question regarding the credibility thereof troubled the experimenters.) However, since Sd figures were routinely recorded for each sequence of velocities, a bounty of information can be extracted by comparing these figures with accuracy results.

Five consecutive 10-shot groups were fired at 25 yards (machine rest), for combinations involving six different barrels, three types of chambers, and three twist ratios. To these the experimenters added the use of a variety of bullets, lubricants, and powder charges, thus creating conditions that are definitely concomitant with widespread handloading experience.

Velocities were recorded 15 feet from the muzzles of cold, dry, clean barrels. Charge weights are shown in grains; extreme spreads and average extreme spreads are shown in inches.

Note in tests 1, 2, and 3 that the combination showing the largest Sd ("marginal") shot best. Test 4 shows the combination with the second-largest Sd (also "marginal") shooting best. Meanwhile, test 5 shows the combination with the second-smallest Sd (12, which, according to reference, indicates "uniform ammo"), with the poorest grouping of all.

Finally, note that in *no* test did the combination with the smallest Sd achieve the smallest average extreme spread of shots.

If we're to regard Sd as a viable factor in load development, we should be thoughtful

## CUSTOMIZE YOUR .45 AUTO

with WILSON COMBAT "Championship-Proven-Precision" Accessories

#6 Extended Combat Thumb Safety (blue or stainless) \$21.50

#33 Stainless 5" Match Grade Bbl. & Bushing Set (17-4 stainless, HT 38-42 R/C) \$95.00

#34 Extended Combat Ejector, 4140 steel \$19.95

#35 Stainless 6" Match Grade Bbl. & Bushing Set \$125.00

#66 Beavertail Grip Safety (blue or stainless)  
requires frame fitting \$19.95

#2 SHOK-BUFF Shock Absorber  
Kit (govt. or comm.) \$5.95, #2B  
Replacement buffers (pkg. of 6) \$5.95

#9 & #9S Commander Style Hammer. #9 4140 carbon steel \$21.95  
#9S 416 stainless \$24.95

#98 THE COMBAT .45 AUTO book by Bill Wilson (240 pg., 150 photos) \$12.95

#100 Checkered Frontstrap (blue or stainless) easy to install w/no modification to the gun \$14.95

### ORDERING INSTRUCTIONS

Add \$3.00 postage and handling per order.  
COD's welcome. NO credit card orders please.  
Ark. residents add 4% sales tax.

All MO, cert. check and COD (cash) orders  
processed within 2 business days.

Send \$2.50 for our illustrated catalog of Custom  
Combat Modifications and complete line of  
Handgun Accessories, or request one Free with  
your order.

## WILSON'S GUN SHOP, INC.

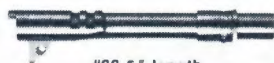
Rt. 3, Box 211-D1

Berryville, Arkansas 72616

Ph. 501-545-3618



#34



#33 5" length  
#35 6" length



#66



#6



#2



#98



#9



#100



# HKS REVOLVER SPEED LOADER

LOADS SIX CARTRIDGES INTO REVOLVER INSTANTLY  
SUPER-FAST  
SUPER-DEPENDABLE



Metal points hold cartridges securely in loader until knob is turned to release them!

17 Models

Over 2 MILLION sold to Sportsmen & Law Enforcement Agencies

Only \$6<sup>95</sup> each

## Leather Cases

Single, Double and Triple genuine leather cases available for all HKS Speedloaders. Black, Brown or Tan.

No. 105 Single \$13.95  
No. 103 Double \$18.95  
No. 102 Triple \$18.95 (No Flap)

**CORDURA CASE**  
(NYLON-DOUBLE)  
—BLACK—  
—CAMOUFLAGE—  
\$8<sup>95</sup>

Newest Model For H&R .22 L.R., 9-Shot



Model 22-HR

HKS Speedloaders Fit Nearly Every Revolver—

- SMITH & WESSON .38, .357, 22-J, 22-K, .41 Mag., .44 Spec., .44 Mag., .45 Auto Rim, .45 Colt Long, .9MM
- COLT .38, .357, .22
- RUGER .38, .357, .44 Mag., Security Six, Speed Six, Red Hawk
- DAN WESSON .38, .357, .22 L.R., .44
- CHARTER ARMS .22, .38, .357, .44 Special, .22 L.R.
- H&R .22 L.R., 9-Shot

See Your Local Gun Dealer

**HKS Products, Inc.**

7841 Foundation Drive  
Florence, Ky. 41042

of the broad range of velocities attainable through handloading; that is, including both handguns and rifles. Considering these extremes, it is better to rate Sd according to how it stands as a *percentage* of the mean velocity for a given load.

"My feeling on velocity standard deviation," says Harris, "is that for service ammunition for police or military use the velocity Sd of a 20-shot series shouldn't exceed 5% of the mean velocity at normal ambient temperature. For match ammunition, I would want to see no more than 1½% of the mean. With the best target handloads, 1% or better is attainable, but for any ordinary use an Sd in the range of 1-1½% is more than adequate and I would not discount a load out of hand that otherwise behaves normally and shoots well over a range of temperatures unless the Sd approached 5% (which is really lousy)."

Harris' more or less intuitive evaluation of Sd is logical, and, mercifully, helps to steer us clear of a collision between statistical

Velocity	Standard Deviation	Extreme Spread	Average
<b>Load No. 1: Federal 9 AP 123-grain FMJ</b>			
1131	24	2.26-3.01"	2.67"
1104	23	2.14-3.52"	3.01"
1093	18	2.82-5.24"	3.85"
1124	17	1.46-3.93"	2.67"
1120	16	3.90-6.56"	4.95"
1147	14	4.07-4.77"	4.47"
<b>Load No. 2: Speer 125-grain LRN; 3.5 Bullseye</b>			
966	20	3.09-4.99"	4.04"
963	18	3.20-5.48"	4.44"
940	16	3.73-4.83"	4.32"
967	16	4.68-6.37"	5.40"
971	13	4.47-6.04"	5.28"
<b>Load No. 3: Alberts 125-grain LRN; 3.5 Bullseye</b>			
893	29	3.06-4.95"	3.99"
933	27	2.90-5.06"	4.01"
919	26	3.38-5.77"	4.69"
910	21	3.28-5.76"	4.04"
911	17	3.28-5.76"	4.06"
962	12	3.14-5.35"	4.28"
<b>Load No. 4: Cast H&amp;G No. 7, 13.5 B.H.N.; 3.5 Bullseye</b>			
984	25	2.58-5.19"	4.16"
1000	22	2.42-3.69"	3.15"
1002	22	3.24-4.58"	3.85"
996	21	3.33-5.24"	4.03"
1017	10	3.04-3.68"	3.42"
1010	10	1.85-5.22"	3.24"
<b>Load No. 5: Cast H&amp;G No. 7, 13.5 B.H.N.; 4.0 Bullseye</b>			
1104	25	5.16-7.91"	6.08"
1106	13	3.25-5.06"	4.20"
1095	13	3.84-7.75"	5.66"
1094	13	4.62-7.68"	5.97"
1071	12	5.31-9.24"	7.33"
1102	11	3.20-7.11"	5.47"

abstraction and common sense.

Page 62 of the March 1985 issue of American Rifleman contains a table of loads tested by Harris. Somewhat remarkably, the table shows a Federal .22-250 load with Sd-35 printing an average of .089" for five consecutive five-shot groups at 100 yards. Also shown is a Winchester .308 load with Sd-6. Its average was 1.77".

My opinion, based upon a substantial body of comparative data, is that handloaders should be less influenced by Sd figures that fall within the guidelines Harris has suggested and more inclined to settle questions regarding the value of loads on the basis of performance at the range and in the field.

If anyone is spurred to argument over what I've said, or if anyone has information to share, the address is Handloading, Rt. 1, Box 7, Llano, CA 93544.



Low cost, high quality mounting systems from Redfield

Midline mounts offer you a great combination — famous Redfield first-line quality, and a price that everyone can afford! Midline gives you tough, quality aluminum construction and solid, movement-free scope attachment...plus the advantages of light weight; quick detachability and non-slip, four-screw split rings.

**Widefield See-Thru® Mounts**



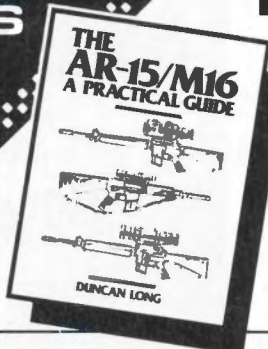
Redfield is again offering these beautifully designed, high quality, light weight mounts, which let the eye of the hunter switch instantly from scope to iron sights.

**REDFIELD**

For a full color Redfield product catalog, send \$1.00 to Redfield Company, Dept. HG, 5800 E. Jewell Ave., Denver, Colorado 80224.



# PALADIN PRESS



## THE AR-15/M16: A PRACTICAL GUIDE

by Duncan Long

The AR-15 is so revered that nations around the globe have adopted it—or many of its features—for use by their own armies. Now comes *the* definitive book on the rifle that has been the inspiration for so many modern assault rifles. Should you wish to build your own AR-15/M16 or convert it to auto fire, Duncan Long supplies you with lists of parts and tools needed for the task and detailed step-by-step instructions. Virtually any accessory you may wish to acquire for your AR-15 is listed. Exploded diagrams for field stripping are included, as are parts suppliers and sources for additional product information. Invaluable to the M16 owner, this comprehensive book also covers assembly and disassembly, conversion kits and modifications, troubleshooting, ammunition, combat use, military use and testing, night-vision equipment, and more. 8½ x 11, softcover, illus., photos, 168 pp. **\$14.95**

### SILENCERS IN THE 1980S Great Designs, Great Designers by J. David Truby

Now, an in-depth, fully illustrated report on the newest developments in suppressor technology. J. David Truby provides all-new info on the innovative designs of today's suppressor designers, plus explosive data on those who use them. His investigative research gives definitive comparisons of models, prices, features, kits, independent manufacturers, and silencer technology. You'll not read this privy info anywhere else! 8½ x 11, softcover, 132 photos, 120 pp. **\$12.00**



### GET EVEN:

**The Complete Book of Dirty Tricks**  
A hilarious overview of the methods people use to get even with big business, government, and enemies. More sophisticated and involved tricks are included, such as ones devised by CIA and Mafia members and political dirty tricksters. Over 80 sections present dirty tricks ranging from the simple to the elaborate. 5½ x 8½, hardcover, 192 pp. **\$12.95**

### THE AR-7 EXOTIC WEAPONS SYSTEM

A comprehensive home workshop guide for the gun buff and hobbyist machinist. Over fifty working machinist's drawings, photos and full-scale templates show exactly how to convert the AR-7 .22 survival rifle into a full-auto silenced machine pistol or machine gun. Step-by-step instructions detail how to modify the weapon's original receiver, fabricate new sear and safety, as well as make a simple, efficient silencer group assembly. For historical and reference purposes only. 9 x 12, softcover, illus., 72 pp. **\$12.00**



### THE COMPLETE BOOK OF COMBAT HANDGUNNING by Chuck Taylor

All aspects of combat handguns and their use are covered in this complete manual. Hundreds of illustrations show using survival handguns, preparing the handgun for combat, caring for handguns, and handgun stopping power. An important fire-arms book for survivalists and combat handgun owners. 8½ x 11, softcover, illus., 200 pp. **\$12.95**

**THE COLT .45 EXOTIC WEAPONS SYSTEM**  
The ultimate selective-fire conversion for the famed Colt .45 is here! All original components are retained, and only three functional parts have been added, each of which can be built using common hand tools. The ingenious automatic tripping device—a feature never before incorporated in any machine pistol of this type—provides for trouble-free operation. A revolutionary, compact, removable folding metal front grip aids in controlling the gun when firing full auto. Carefully researched and thoroughly tested for reliability, this conversion system works with outstanding accuracy and safety. 9 x 12, softcover, illus., photos, templates, 88 pp. **\$12.00**



### I HATE YOU!

**An Angry Man's Guide to Revenge**  
by M. Nelson Chunder  
Make fun where there is none and get your revenge at the same time. In the same genre as *Get Even* and *Up Yours*, *I Hate You!* will ensure you get the last laugh! Humorous, yet effective, over one hundred sixty schemes show how to strike out at those who have done you dirty. 5½ x 8½, hardcover, 182 pp. **\$12.95**

### THE MINI-14 EXOTIC WEAPONS SYSTEM

Use this home workshop guide to convert your Mini into a selective-fire, silenced, S.W.A.T.-type weapon capable of field-clearing firepower. Provides complete workshop plans, 40 close-up photos and full-scale templates. This conversion process requires no machining or special tools. Once completed, it takes just five minutes to drop in the Automatic Connector (the book's secret!) or remove it as needed. Also includes detailed plans for a quick-and-easy caliber .223 silencer. 9 x 12, softcover, photos, templates, 72 pp. **\$12.00**

### HOME WORKSHOP SILENCERS I

Fantastic, large-format guide to making an smg or pistol silencer in the home workshop. Over 50 9" x 12" working machinist drawings are presented, all of superb quality. Shows step-by-step construction for three different firearm silencers, all of very advanced design. Improvised materials and machining techniques are suggested, and the text is written clearly and concisely. An excellent addition to your silencer bookshelf! Note: *Home Workshop Silencers I* is for entertainment and historical purposes only. 9 x 12, softcover, illus., 72 pp. **\$12.00**

### THE RUGER 1022 EXOTIC WEAPONS SYSTEM

Here is a conversion system you can bet your life on! Now you can transform your Ruger 1022 into a selective-fire, close-combat gun you can trust. With simple hand tools, you can build the parts that will convert your trusty Ruger 1022 into a selective-fire weapon that can fire over 1,000 rounds per minute on full auto—all without modifying the receiver or trigger housing in any way. Just drop in the conversion parts, and you're ready for whatever—or whomever—comes. Over 60 explicit photos, machinist's drawings and full-scale templates accompany the detailed instructions for making this conversion foolproof. 9 x 12, softcover, illus., 96 pp. **\$12.00**



### THE COMBAT SHOTGUN AND SUBMACHINE GUN A Special Weapons Analysis by Chuck Taylor

From one of America's most sought-after shooting instructors comes an in-depth analysis of these two controversial small arms. Taylor provides a comprehensive education in the use of these commonly mis-employed guns. Includes info on field testing, drills, tactics, accessories and techniques. 8½ x 11, softcover, 385 photos, 176 pp. **\$14.95**

**THE RUGER PISTOL EXOTIC WEAPONS SYSTEM**  
For the first time, conversion plans for a super-compact, selective-fire machine pistol! Turn your Ruger Mark I or II into a fistful of power—without modifying the receiver or bolt group and using hand-built parts. This ingenious conversion fires from the original closed bolt system—making firing extremely accurate—and uses original trigger parts. The detachable auto tripper device can readily be removed for semiauto shooting only. Machinist's drawings, full-scale templates and photos accompany directions. 9 x 12, softcover, illus., 96 pp. **\$12.00**



### NINJA KNIFE FIGHTING by Dr. R. Kelly Hill, Jr.

Night falls. The glint of cold steel slashes through the darkness. The threat is real, but are you ready? Become the self-reliant person you'd like to be. Learn about selecting a knife, grips, training targets and drills, physical conditioning and the Ninja response modes—Earth, Wind, Fire and Water—that give you the necessary strategic and tactical flexibility. 8½ x 11, hardcover, 124 photos, 128 pp. **\$19.95**

## OTHER FASCINATING TITLES

NEW I.D. IN AMERICA.....	\$10.00	NINJA HANDS OF DEATH.....	\$10.00
THE FIGHTING GARAND OWNER'S		DISGUISE TECHNIQUES.....	\$ 8.00
MANUAL.....	\$ 9.95	YOU CAN'T MISS.....	\$ 9.95
UP YOURS!.....	\$12.95	BOUNTY HUNTER.....	\$10.00
FORBIDDEN FIGHTING TECHNIQUES		POLICE HANDGUN	
OF THE NINJA.....	\$19.95	AMMUNITION.....	\$ 6.00
REMINGTON 1100 EXOTIC		HITMAN.....	\$10.00
WEAPON SYSTEM.....	\$12.00	THE FIGHTING RIFLE.....	\$12.95
DEAD CLIENTS DON'T PAY.....	\$10.00	MAD AS HELL.....	\$12.95
QUICK OR DEAD.....	\$12.95	TONFA TACTICS.....	\$12.00
KILLER ELITE.....	\$ 8.00	COMBAT .45 AUTOMATIC.....	\$12.95
SECRETS OF THE NINJA.....	\$16.95	JOBS THAT SUCK... AND SOME	
SHOOT TO WIN.....	\$11.95	THAT DON'T.....	\$10.00

**MONEY-BACK GUARANTEE**  
**DEALER INQUIRIES INVITED**



PALADIN PRESS  
PO BOX 1307—JPL  
BOULDER, CO 80306  
Phone (303) 443-7250



Call TOLL FREE for credit card orders:  
1-800-824-7888; Ask for Operator #249.  
Alaska & Hawaii, 1-800-824-7919.  
Send \$1 for latest PALADIN CATALOG.  
Catalog free with order.

Please send me the following titles:

Payment: ☐ Check or Money Order, ☐ VISA, ☐ MasterCard, Exp. Date

Card No. SUBTOTAL

NAME Please include

ADDRESS \$3.00 postage

CITY STATE ZIP TOTAL



# PISTOLSMITHING

JOHN G. LAWSON

## HOW TO GET A GOOD TRIGGER PULL ON COLT SERIES 80 WITH THE NEW SAFETY

Many pistolsmiths charge twice the normal rate for trigger work on the new Series 80 Colts, while others refuse to work on them altogether. There is nothing of the Black Arts in Hartford's latest safety device. Actually, it is a desirable and long needed modification that positively prevents accidental discharge by firing pin inertia as could happen when the pistol is dropped.

The addition of several small, unfamiliar parts makes re-assembly of the pistol a slow, awkward process. With litigation at an all time high and considering the high cost of Product Liability Insurance, and the even higher cost of not being protected, omitting the parts and substituting washers, as some 'smiths have done, isn't a wise modification. Leaving out the parts makes an excellent trigger pull, but it relieves the manufacturer of any product liability and drops the responsibility for any subsequent accident or fatality directly into the lap of the pistolsmith who performed the modification.

The burning question seems to be: Is the firing pin safety a sophisticated solution, by Hartford's Design Engineers, to a non-existent problem? I would answer this with an emphatic "not on your life!"

The Colt Series 80 pistols differ from earlier models by the addition or modification of several parts: in the frame, a recess is milled, allowing the two 'new' parts to be inserted. A trigger bar lever is inserted with its long leg down, pointing slightly to the rear and contacting the flat at the rear of the trigger loop. This is on the right side of the frame, viewed from above. The small arm of the trigger bar lever contacts a cam cut in the bottom front portion of the plunger lever. The long, narrow top camming surface of the plunger lever is visible above the top of the frame when the trigger is pulled, with the slide removed. The trigger bar lever fits on the sear pin, the plunger lever on the hammer pin. The plunger lever is not an interchangeable part, and is supplied with numbers #1, #2 and #3. All of the pistols I have seen in factory condition had #1 plunger levers installed.

The slide is modified by having a hole drilled upward on the right side of the slide. The firing pin block plunger is inserted in this hole behind its coil spring and locked in place by insertion of a specially modified firing pin. The extractor is milled with a half round cut to clear the device. Addition of the firing pin stop locks the entire issue into place. The firing pin stop is supplied marked #1 and #2. Either of these will fit the earlier pistols, but all of the Series 80 pistols require the #2 stop. The stop on all of the Series 80 pistols I have

examined fitted the cuts in the slide tighter than on earlier models. This fact seems to indicate that the tiny locking screw installed as a safety device by some 'smiths will be redundant on the 80.

The way all of this works is that on pulling the trigger the firing pin is unlocked through pressure on the trigger bar lever by the rear face of the trigger bow, transmitted through the plunger lever to the plunger, which raises under this impulse to a point where the firing pin can pass unrestricted through the rebated section of the plunger, to fire in the usual manner.

How do you accomplish a reasonable trigger pull on the Series 80 pistols? Some re-thinking is necessary, because the *firing pin safety mechanism adds twelve ounces to the trigger pull weight*. The hammer and sear are modified in the usual way, as are the other parts usually stoned and polished to give a smooth letoff. When a suitable pull is accom-

## Ankle Rig

We believe we offer the finest ankle holster of its type on the market today. All of our ankle holsters are made with velcro closures for ease of putting on and taking off. Foam padded sheep's wool is used for comfort. Securing the weapon is accomplished by the use of a positive-snap device. Unlike holsters from other manufacturers, ours is completely molded to the exact gun it is designed to carry. This offers a positive retention and unsurpassed security, both of which are important in a holster of this design.



### DeSANTIS HOLSTERS GO FIRST CLASS!

DeSantis manufactures a complete line of holsters and accessories, creatively designed to fill the specific needs of gun enthusiasts and law enforcement personnel. Available at your favorite Firearms or Sporting Goods Store. Mail \$2 for full color catalog or request Free black and white catalog. Dealer inquiries invited.

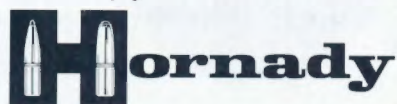
Dept. AH-509 • 149 Denton Avenue • New Hyde Park, NY 11040 • 516-354-8000



# HORNADY COMPETITIVE BULLETS

## FOR THE EDGE YOU NEED

The edge you need to score better — on steel or paper — is at your Hornady dealer. He has the biggest selection of competition bullets you'll find anywhere...including four new selections: 22 cal., 68 gr. BTHP and 6.5mm 140 gr. BTHP for match shooters and 30 cal., 150 gr. BTSP and 41 cal., 210 gr. JTC-SIL for silhouette competition. Our line grows every year because we work harder at listening to your needs and responding with bullets that you can count on. Our dedication to uniformity dictates that we won't ship any lot of bullets that does not equal or exceed the accuracy standards set by the previous lot. Result: a higher confidence level when you load Hornady's for competitive shooting. See your Hornady dealer and try a box today. Or, write for a copy of our latest Shooter's Guide.



Hornady Manufacturing Company,  
Dept. AG2095, P.O. Box 1848,  
Grand Island, NE 68802-1848



### Available In These Popular Calibers And Weights

<b>6.5mm</b> 129 gr. SP 140 gr. SP	<b>7mm match</b> 162 gr. BTHP <b>22 cal. match</b> 52 gr. BTHP 53 gr. HP 68 gr. BTHP <b>30 cal.</b> 150 gr. SP 139 gr. BTSP 154 gr. SP 162 gr. BTSP 162 gr. BTSP 175 gr. SP	165 gr. BTSP 168 gr. BTHP 190 gr. BTHP 190 gr. BTSP <b>30 cal. match</b> 168 gr. BTHP 190 gr. BTHP <b>35 cal.</b> 200 gr. SP 200 gr. RN	<b>38 cal.</b> 158 gr. FP 160 gr. JTC-SIL 180 gr. JTC-SIL <b>41 cal.</b> 210 gr. FMJ-FP 210 gr. JTC-SIL <b>44 cal.</b> 240 gr. HP 240 gr. JTC-SIL <b>45 cal. match</b> 200 gr. FMJ-C/T
--	---	--	---

plished, concentrate on the 'new' parts. Do not stone any of the surfaces to any measurable degree. Just lightly remove any obvious burrs. If you encounter a pistol that malfunctions because of excessive stock removal, you may have to install a higher numbered plunger lever.

How can you determine, after the pistol is re-assembled, if the safety is working properly? Use of an after-market trigger with overtravel screw should be checked as follows:

Cock the hammer and hold it hard back against the grip safety. Pull the trigger against the overtravel stop. Push on the tip of the firing pin with a small pin punch. The firing pin should be free, with no scraping or friction. If any is encountered, re-adjust the overtravel screw. It is advisable to glue the adjustment screw in place if you have encountered contact at any point of adjustment. This condition is usually only present with overlong after-market triggers in pistols that have had metal stoned from the sear and hammer notch quite deeply, as sometimes happens when rough parts are encountered or when misguided or misdirected work has been done on the pistol.

Once in a great while you will find that the overtravel screw needs a final, small adjustment to compensate for a slow squeeze without much finger pressure applied. It is worth keeping this in mind, because any contact of the parts means rapid wear and subsequent change in their functional reliability. Sometimes it is necessary, as previously discussed, to go to a higher numbered plunger lever to compensate. And finally, it always pays, before installing a trigger with an overtravel screw, to stone the contacting end free of all burrs that could wear away and change the overtravel.

Following the above notes, it should be relatively easy to get a clean, crisp four pound trigger pull on a Series 80 pistol, with no hammer follow down. Lighter pulls can be accomplished, but the risk of malfunction when loading is increased out of all proportion to the slight advantage of a lighter pull weight. And, it is my own personal thought that any alteration of the firing pin safety parts could result in problems somewhere down the line. If a customer insists on a modification that is against your better judgment, play it safe and require him to sign a liability release executed in triplicate. It is also a wise precaution these days to retain the stubs of your claim checks with all work accomplished, so that if somebody else performs a modification at a later date, you can testify as to the precise modifications performed by you on a given date.



### PISTOLSMITHS

We are in the process of compiling the 1986 Directory of Custom Pistolsmiths. If you are a bona fide pistolsmith and would like to be listed in the Directory, please write for further details.

Write to: Editor, American Handgunner, Pistolsmith Directory, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.



"A SHORT MESSAGE FROM THOMPSON/CENTER"

4  $\frac{11}{16}$ "  
OVERALL LENGTH OF ACTION

- SHORT ON ACTION
- LONG ON VERSATILITY

**TCR '83™**

**SINGLE SHOT SPORTS RIFLE  
WITH AN INTERCHANGEABLE  
BARREL SYSTEM!**

From drawing board to reality, the TCR '83 was six years in the making. Featuring the very best of Thompson/Center engineering, it offers to the American shooter a new concept of what sporting rifles are all about. Its break open shotgun styling with top lever provides an overall length of only 39 $\frac{1}{2}$ " with a 23" barrel. Barrels are totally interchangeable and are offered in eight popular hunting calibers; .22 Hornet, .223 Rem., .22/250 Rem., .243 Win., 270 Win., 7 M/M Rem. Mag., .308 Win. and 30/06 Spring. Accurate and dependable, the TCR '83 bases its existence on the sport of it — the concept that a single round in the chamber coupled with skill far outweighs the importance of repeatability.

Two models, the HUNTER (single trigger version) and the ARISTOCRAT (double trigger version) are available at your Local Gun Store. Inspect the quality and workmanship of these American Made firearms and you decide — wouldn't a TCR '83 better serve your shooting needs?

**INTERCHANGEABLE BARRELS FOR  
8 POPULAR HUNTING CARTRIDGES!**

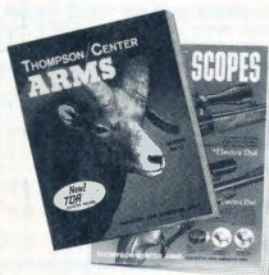
**Dawn to Dusk  
Precision Aim  
With...**

**Electra Dot™**

Made to Thompson/Center's specifications for a top quality telescopic sight that will withstand a recoil force of 1,400 G's, a full line of both rifle and pistol scopes are now available with the **Electra Dot** reticle. This revolutionary new reticle system allows you to illuminate the crosswires in poor light.



Magnification, clarity, light gathering power with standard reticle in good light plus the advantage of illuminating the reticle in poor light. Uses inexpensive hearing aid battery. Many models available.



**Write FOR FREE CATALOGS!**

Thompson/Center's catalogs are prepared for your convenience and geared to enhance your knowledge of our product lines — so please write today. **This service is absolutely free!** All major products carry a **lifetime warranty** and are available for your inspection at your local gun store.

**THOMPSON/CENTER ARMS**  
Farmington Road, P.O. Box 5002, Dept. TAH 9  
Rochester, New Hampshire 03867



# THE GUILD SPEAKS

GEORGE WESSINGER

## GUILD MEMBER ED BROWN CHOSEN TO BUILD STEEL CHALLENGE PRIZE PISTOL

Ed Brown of Perry, Mo., is one of the newest members of the *Guild* and is one of the top pistolsmiths in the country. As you will notice elsewhere in this issue, Ed was the *Guild* member chosen to build the gun given to the winner of the Triple Threat stage of the 1985 Steel Challenge. The *American Handgunner* considered only members of the *Guild* for this project, and we consider it a real honor for Ed to have been chosen.

Ed has been a precision tool and die maker for many years and has the background and experience necessary to operate the micrometers, indicators and machine tools used for the precise steel-to-steel fitting required in a match pistol. Top quality match pistols are made from top quality parts assembled by a pistolsmith who knows and cares about proper fit and function.

Ed is a top competitive shooter in his own right. As a result he began building a national reputation as many shooters realized that here was a pistolsmith of unusual talents.

They kept him busy, but he found time to experiment with what he thought would be the ultimate pistol. In May of 1982 the first pistol to become known as the MAXI-COMP was completed. It was tested at the Bianchi



Cup and worked perfectly. With the perfection of the ultimate pistol, he needed to improve his own shooting ability so as to be able to shoot up to the MAXI-COMP's potential. With the help of Ray Chapman, who Ed says taught him to concentrate, he became a shooter to reckon with.

Ed now operates one of the finest and most modern custom pistolsmithing shops in the country. A Bridgeport vertical milling machine equipped with a digital readout is the most important machine in the shop. This machine is used for the precision work he does on his top quality match pistols. Also in use is a Clausing lathe and a heat treat furnace. There are many micrometers, indicators and measuring instruments usually found only in high tech tool and die shops. Ed also has a Rockwell hardness gauge which he uses constantly during the testing of parts to be used in his pistols. He has his own modern bluing setup and is one of the few pistolsmiths who does his own electroless nickel finishing. In order to get high quality finishes of all types, he has the most modern polishing and glass beading equipment.

Without custom parts and accessories even the best pistolsmith could do little, therefore Ed keeps a large inventory on hand. Most of his work is on the MAXI-COMP, but this is not the only fine pistol built by Ed. Many competitors and shooters prefer a lighter, shorter gun. There are many requests for a small compensator to be used on carry guns as well as for smaller calibers.

## 22 CAL. PELLET FIRING SEMI-AUTOMATIC MACHINE PISTOL

ONLY \$4<sup>95</sup>



10 ROUND—  
SIDE MOUNTED CLIP

FREE: Target and 50 Reusable Pellets  
Not Sold in New York City—No Permit Required

This rapid fire 22 Cal. "Commando" type machine pistol looks like the famous hard-hitting weapon so popular with combat attack groups. This side mounted, detachable, ten-round clip sprays pellets into the target as fast as you can pull the trigger. Only \$4.95 plus 95¢ for postage and handling. Complete satisfaction guaranteed or your money refunded. NY residents please add applicable sales tax.

**GUARANTEED DISTRIBUTORS, Dept. 499AZ62  
County Road 687, Hartford, Michigan 49057**

**GUARANTEED DISTRIBUTORS, Dept. 499AZ62  
County Road 687, Hartford, Michigan 49057**

Yes, please rush me my 22 caliber pellet-firing Semi-Automatic Machine Pistol. Also include my FREE target and 50 reusable pellets. I'm enclosing \$4.95—the complete purchase price—plus 95¢ for postage and handling. If I'm not completely satisfied you'll refund my money right away.

Name

Address

City

State  Zip

NY residents please add applicable sales tax.



For these shooters Ed designed and perfected the MINI-COMP. It has been built on Commanders for carry guns and the 9mm Government Model for steel plate shooting. With this pistol and light bullets, muzzle flip is almost nonexistent. Ed also builds an excellent five-inch combat .45 auto of conventional design that has been very successful.

Of course the compensators require the most work as each is made to match the slide. Some of these slides vary considerably, and it is for this reason Ed does not make any drop-in kits. The MAXI-COMP is made of 4140 steel to very high tolerances. The muzzle clears the bullet by only .008" per side. This provides an effective trap for the gasses inside the compensator to vent them up through two huge ports. It is this upward rush of gasses as well as the forward weight which work together to cut the muzzle flip tremendously.

Ed generally works only on new Colt Gold Cups, Government Models, or Commanders. The pistols are completely stripped of all parts and all major components are tested for hardness and dimensional accuracy. When Ed is satisfied with the parts, the job of refitting begins. He uses many jigs and fixtures of his own design and manufacture. These save him valuable time and help insure the proper fit. Many options are offered and one of the most popular is the forged magazine well. The entire lower portion of the grip frame is hammer forged out to a 30 degree angle, and results in a huge funnel. When done Ed's way, the grip of the gun is no larger except the last 5/16 of an inch on the bottom. The grips are refitted to blend perfectly into the frame. Ed was one of the first of the custom pistolsmiths to offer this modification.

Beavertail grip safeties are ground to match the contour of the frame and ambidextrous safeties are rounded and blended in. Rear sights are all buried deeply into the slide and all corners are rounded to make the pistol smoother, more pleasing to the eye and more useful. Ed offers both the Bo-Mar and Wichita rear sights and the non-adjustable Hienie rear sight.

The American Pistolsmiths Guild is proud to have Ed as a member and is pleased and honored to have had him selected by the American Handgunner to build the custom pistol for the winner of Triple Threat.

Ed will be very happy to build a MAXI-COMP for you. Write to him for details at Brown's Gun Shop, Rt. 1, Box 153, Perry, MO, 63462.



## SIGHTS ON TRIVIA

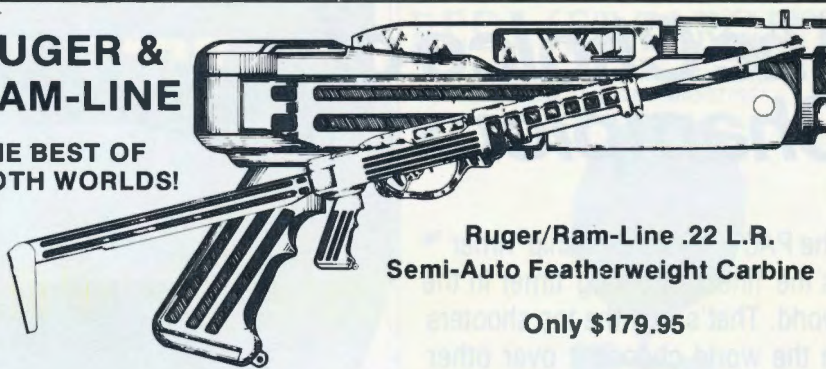
It was the first military revolver to chamber metallic cartridges. The cartridge was the 12mm pinfire (actually 11.1mm or about .44 caliber).

What handgun is this?

*The Lefauchaux Model of 1858 holds this honor. It was considered by far the most advanced combat handgun of its day.*

## RUGER & RAM-LINE

THE BEST OF BOTH WORLDS!



Ruger/Ram-Line .22 L.R.  
Semi-Auto Featherweight Carbine

Only \$179.95

A brand new Ruger 10/22 Rifle comes with Ram-Line's All-Plastic Folding Stock, Handguard, and Matte Plastic 30-rd Magazine. (Order #4002)

The new Ram-Line All-Plastic Folding Stock features strong, lightweight aircraft quality "Zytel" material, easy push button folding on both arm and shoulder plate, equipped for sling swivels, a stow-away compartment for a full 50-rd. box of .22 ammo, and a hidden compartment in the pistol grip!

### RUGER 10/22 RIFLES

Item	Price	Item	Price
Ruger/Ramline Featherweight Carbine (#4002)	\$179.95	Ram-Line Window 30-rd Magazine (#1034)	9.95
Ruger 10/22 RB Rifle (#4000)	110.00	Ram-Line Snap Magazine Release (#1060)	2.60
Ruger 10/22 DSP Walnut Stock Rifle (#4001)	152.00	Ram-Line Flashider (#1031)	11.60
		Ram-Line Universal Bi-Pod (#1582)	5.80

### 10/22 ACCESSORIES

Ram-Line All-Plastic Folding Stock (#1024)	\$49.95	Mitchell 50-rd Drum Magazine (#1050)	29.95
Ram-Line Plastic Handguard (#1040)	7.25	Black-Warrior Steel See-Through Scope Mount (#1038)	7.95
Ram-Line Matte 30-rd Magazine (#1033)	8.95	Ruger Wood Stock (Birch) (#1015)	19.95
		Ruger 10-rd Rotary Magazine (#1010)	6.50

### OTHER ACCESSORIES BY RAM-LINE

Colt AR-15 "Laser" Pistol Grip w/Compartment (#1596)	\$ 3.65	Remington 10-Rd Magazine — Fits 308, 6mm & 243 (#6011)	12.75
Charter AR-7 Peep Rear/Orange Front Sight Set (#7215)	2.90	Ruger MK I & II 12-Rd Magazine (#1210)	7.60
Charter AR-7 25-Rd Magazine (#7025)	8.95	Ruger MK I & II Snap Magazine Release (#1220)	2.90
Combo 30-Rd Magazine — Fits Mini-14, AR-15, and AR-180 (#1432)	10.90	Colt .45 Auto 9-Rd Magazine — Delivery Fall 1985 (#178)	12.50
Remington 10-Rd Magazine — Fits 30-06, 270, 280 & 7mm (#6010)	12.75		

TO ORDER: FFL NOT NEEDED FOR ACCESSORIES ONLY. FFL NOT NEEDED FOR GUNS for residents of NY-PA-MA-CT or VT. SEND FFL FOR OTHER STATES for gun orders. Money Order or Cashier's Check only; company and personal checks clear. Sorry no CQD's. MC/VISA/AMEX orders subject to a 4% handling fee. NY State residents add 7% Sales Tax. Shipping by U.P.S. only — Add \$2.95 for accessory order; Add \$5 per gun and supply complete street address. Send \$1.00 for year's subscription to CROWN CITY and COST PLUS mailings.

## COST-PLUS GUNS, Subsidiary of



P.O. Box 550, Dept. AH  
Cortland, New York 13045  
Phone: (607) 753-8238  
Toll Free Order Phone  
For Credit Card Orders: 800-847-6703

"10/22" and "Mini-14" are Registered Trade Marks of Sturm, Ruger & Co.

© 1985 by Crown City Arms, Inc. All Rights Reserved.



# The Choice of Champions

The PACT™ Championship Timer™ is the finest shooting timer in the world. That's why the top shooters in the world choose it over other shooting timers to train with. People like **Rob Leatham, Brian Enos, Mike Plaxco, Mickey Fowler, and Ross Seyfried** as well as the U.S. Shooting team, who represented us at the '84 Olympics.



New  
Smaller  
Lighter  
Package

## WHY DO I NEED A SHOOTING TIMER?

Whether you are practicing for competition or to save your life; if you are going to improve, you must keep track of the two elements of marksmanship that you are striving to master: accuracy and speed.

Would you consider practicing without a target? Of course not, because without a target you have no measure of your accuracy. By the same token, if you practice without a timer, you have no accurate measurement of your speed.

The PACT Championship Timer and CHRONO-MOD were designed for the shooter who is serious about improving his shooting and will accept no less than the best equipment for the job.

*"If you combined every other shooting timer on the market into one it would still not contain all the features of the PACT Championship Timer. Working with the PACT timer has measurably improved my basic shooting skills."* ...Brian Enos

## WHAT DOES THE CHAMPIONSHIP TIMER DO?

In addition to providing you with an instant or delayed start signal (the length of delay is adjustable), the Championship Timer records the time of each shot fired, "par times" and up to two "stop" plates. When you fire, the sound of your pistol triggers the unit which will simultaneously display the number of the last shot fired, the time since your previous shot or "par time", if you are using one, and your total time.

## EASY TO USE

The Championship Timer is as about as easy to use as your pocket calculator. For example, to enter a time limit of 1.5 seconds, you would push "limit", "1.5", "set". Want to change it to 2.56? Push "limit", "2.56", "set"...it's that simple.

## GIVE ME AN EXAMPLE:

Let's say you fire six shots, reload and fire six more shots. Here is an example of what the Timer will display:

#012 .27 6.67  
FIND SHOT: 7

- You have fired 12 shots
- Your twelfth shot came .27 seconds after your eleventh shot.
- Your total time was 6.67 seconds

Now you are curious about how long your reload took, so you tell the Timer to "FIND SHOT #7" and you see that your reload took you 1.54 seconds. (The time between your sixth and seventh shot.)

#007 1.54 4.07  
FIND SHOT:

*"The PACT Championship Timer adds a whole new dimension to practice sessions. It's like having your own shooting coach. I recommend it without hesitation."*

...Mickey Fowler

*"The PACT Championship Timer is the most versatile timer on the market. Not only is it an excellent training tool, it's also extremely useful for running matches. I think it's an excellent value for the money."* ...Mike Plaxco

## \$49.00 CHRONOGRAPH

Whether you shoot reloads or factory ammunition, you need to know how fast the ammunition you use is going when it leaves your gun.

By plugging the \$49 CHRONO-MOD™ into the back of your timer, you enable it to double as the best portable chronograph on the market. When you fire, your Timer will display the shot number and velocity of the last shot fired, as well as your current average velocity. When you finish your string, push "review", the Timer will display high velocity, low velocity and their corresponding shot numbers. Push "review" again and the Timer will display the extreme variation and average deviation. In addition, each shot may be reviewed individually. The CHRONO-MOD uses standard Ohler skyscreens (not included).

*"The PACT Championship Timer is the only timer you will ever need. It provides you with a number of important details from a given string of fire, while its audible start, bench*

*mark and stop signals allow it to time all kinds of shooting events from I.P.S.C. to N.R.A. "action" shooting. These features combine to eliminate human timing error and allow the convenience of practicing alone for any conceivable match situation. I never go to the range without it and neither should you."*

...Rob Leatham I.P.S.C. World Champion

\*Patent Pending

## DO IT TODAY

Ordering a PACT Championship Timer is simple!

**BY MAIL:** We'll need to know your name, address, and daytime phone number. Please enclose a personal check, bank check, money order or card number and expiration date from your Visa or MasterCard. C.O.D. orders welcome.

**THE PACT CHAMPIONSHIP TIMER - \$329**  
**THE PACT CHRONO-MOD - \$49**

(less skyscreens)

Shipping & Insurance - \$5 UPS Ground, \$10 UPS Air. 4% charge for Visa or MasterCard. Texas residents add 5% sales tax.

**NOTE:** This \$329 price includes the Timer with belt clip, battery charger and manual. The CHRONO-MOD can be installed, by you, on your Timer at anytime and does not have to be purchased with your Timer.

**BROCHURE AVAILABLE** covering the PACT product line. \$1.00 refundable with first purchase.



P.O. Box 35682  
Dallas, Texas 75235  
(214) 521-4835



## COURSES OF FIRE

# YOU CAN SHOOT THE STEEL CHALLENGE!

*Here's a basic glimpse of the course of fire for speed shooting. If you want to try it, read on.*

For some handgunners, the *Steel Challenge* speed shooting tournament may seem vague and foreign. You know it involves leather-slappin' speed draws and lightning-quick shooting, but exactly how fast is fast? And the shooting is at steel plates—but what steel plates? How big are they and how many? How far away?

Good questions. Many of us are not avid competition shooters willing to spend hundreds, if not thousands, of dollars to shoot in one match. So let's take a quick look at what the *World Speed Shooting Championship* is all about. If it sounds appealing, the *Handgunner* will provide your local gun club with complete details on how to set up your own Steel Challenge.

The Steel Challenge is a speed shooting contest open to any and all handguns of caliber .355" and up (9mm and .38 Special upwards). Targets are all steel plates ranging in size from eight-inch circular plates to 18x24-inch steel rectangles. Ranges vary from six yards to 40 yards.

Basically, each course of fire demands that a shooter hit each plate once, in any order, and stop time by hitting a designated "stop plate" which must be hit last. Score of the Steel Challenge is simply a shooter's total time on all the courses of fire. There are no points involved whatsoever.

All shooting begins with the shooter's loaded gun safely holstered, and with the shooter's hands held above the shoulders. Time starts on a "beep" and ends when the last steel plate is hit.

Here's a look at the six speed shooting courses of fire:

**Outer Limits:** Five targets at (clockwise) 25, 40, 40, 25, and 20 yards respectively.

Shooter must engage 25 and 40 yard targets from one firing box and then move laterally six feet to another firing box and engage remaining three plates at 25, 40 and 20 (stop plate). Average time: nine seconds. Excellent time: six seconds.

**Five to Go:** Five targets at 10, 12, 15, 18, and 35 yards. Shooter engages each plate and then the 7 yard stop plate. Average time: five seconds. Excellent time: three seconds.

**Speed Option:** Five targets at 8, 10, 15, 25, and 35 yards. 25 yard target is "option" plate which, if hit, results in two seconds deducted from shooter's total time. Average time: six seconds. Excellent time: four seconds. (Without two second deduction for "option" plate.)

**In and Out:** Five targets at (clockwise) 7, 15, 15, 7 and 10 yards. Shooter engages each plate and then the 10 yard stop plate. Average time: five seconds. Excellent time: three seconds.

**Triple Threat:** Three targets at varying heights at 6, 8 and 10 yards. Shooter engages each plate once and then 10 yard stop plate last. Average time: 2.5 seconds. Excellent time: 1.5 seconds.

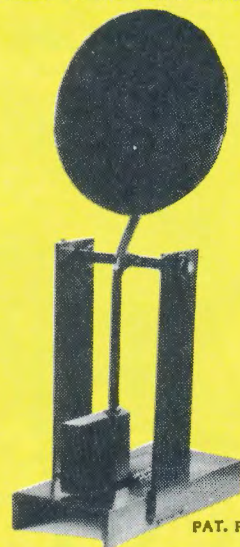
**Showdown:** Five targets at (clockwise) 10, 25, 25, 10 and 12 yards. Shooter engages each plate once and then the 12 yards stop plate last. Average time: Five seconds. Excellent time: three seconds.

If this sounds like a lot of fun, it is. If you and your pals at your gun club are interested in trying the *Steel Challenge*, send a SASE for a complete description of the courses of fire to Speed Shooting Course, American Handgunner, 591 Camino de la Reina, Suite 200, San Diego, CA, 92108.



## REDI-SET TARGETS

AN INNOVATIVE NEW APPROACH  
TO STEEL TARGET SHOOTING!



PAT. PENDING

REDI-SET™ will reset itself instantly after each impact. REDI-SET™ will sustain, hard, rapid fire.



### COMPLETE ACTION SHOWN

This one unit can cater to all handgun calibers including SMG and all military carbines, as well as the popular 22's.

The REDI-Set™ target is in continuous use by the U.S. Department of Justice, Drug Enforcement Agency, New York.

### PRICES and DATA TARGET

Price: \$59.95 Lots of 10: \$5.00

Each target unit consists of:  
all steel construction  
one frame  
one stem  
one 7 in. diameter 3/8 in. screw off face T-1  
one 9 in. diameter 1/4 in. screw off face T-1  
overall height 22 in.

Maintenance of target:  
Spray paint target and face color desired.  
All parts can be removed by hand.  
Target parts are made to endure stray rounds.  
Only face is to endure continuous impact.

7 in. face for 15/25 yard handgun / 100 yards for rifle  
9 in. face for 15/25/50 yard handgun ONLY.

### Shipping Information

Shipped UPS

Target (28 lbs) \$12.00

### ORDER FORM

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Amount enclosed \_\_\_\_\_

ALL CHECKS MUST CLEAR PRIOR TO SHIPMENT  
NO C.O.D. ON QUANTITY ORDERS. MONEY ORDERS  
RECEIVE PRIORITY SHIPPING.



REDI-SET TARGET, INC.  
P.O. BOX 23084  
JACKSONVILLE, FL. 32241  
(904) 262-0638



## STEVE HERRETT 1917-1985



STEVE HERRETT, of Twin Falls, Idaho, owner/founder of Herrett's Stocks, and also an inventor, businessman, outdoorsman, handgun hunter and conservationist, died February 21, of this year, from complications following surgery.

He was one of three remarkably inventive and successful brothers, and starting out as a South Dakota ranch lad, he hired himself out for "cowboying" in his early years and began tinkering with guns when most youngsters are into bicycles.

His serious work began on handgun stocks while stationed in Panama during World War II. Herrett brought the custom gun stock into the budget of the average handgunner, by inventing and modifying existing woodworking machines. This was in the late 1940s and early 1950s.

As his business prospered, he announced he was taking himself out of the day-to-day operation of his business, and was going to start paying back America's outdoorsmen and wildlife for the life they had provided for him.

Before his death, Steve established the Herrett's Wildlife Research Foundation to fund research to help maintain huntable wildlife populations.

## SPEAK OUT

**AMERICAN HANDGUNNER WELCOMES** letters to the editor of no more than 350 words. They must include the writer's full name and address and be typewritten. Letters may be edited for purposes of clarity or space. Editor.

### McCormick Grateful

I want to express my appreciation for your support and sponsorship of the Steel Challenge. I also commend you for your past coverage of this match.

I was fortunate enough to win *American Handgunner's* Triple Threat, and I want to thank you for providing what I and the competitors alike consider the finest prize of the entire match.

In the past I have sold most of my trophy guns because they were generally off-the-rack items. Your prize, the Brown Maxi-Comp, is certainly a full-house custom pistol, and with the *American Handgunner* name on the pistol and in the super custom carrying case, the combination makes what I consider the finest prize I have ever won.

This prize is a keeper, something to enjoy for a lifetime.

Chip McCormick  
Austin, Texas

### OOPS!

As the author of a twelve-pistol .45 automatic survey article in the 1985 *American Handgunner Annual*, I have been asked to explain certain passages relating to various of the pistol summaries (*sic*).

In particular, re: (*sic*) ARMINEX TRI-FIRE (p. 46), a little detail and explanation is necessary. I considered the magazine and barrel compatibility of the Arminex with the M.1911 and variants to be an important factor in the gun's serviceability. In fact, I fitted several Colt and Coltish (*sic*) barrels to the pistol, but fired only one, a fairly recent G.I. drop in of carbon steel, which in fact DID NOT SHOOT AS CONSISTENTLY AS THE ORIGINAL .45 ARMINEX TUBE. Nor was it as accurate at range (*sic*), and the trajectory at range (*sic*) was higher with the Arminex barrel. If the impression was given that the lion's share of the shooting was done with a Colt or "Coltish" barrel, this impression is incorrect.

Also, we feel it is important to note that all information contained on page 49 pursuant the (*sic*) Heckler and Kock (*sic*) P9S after the sentence:

"But the excellent sights assure a high hit probability in rapid firing."  
does not in fact apply to that pistol at all.

This was a very large and ambitious test, in which many people participated. It was, in fact, twelve stories coupled together. The difficulties of compiling, writing, editing, and presenting such a piece are almost as vast

as the subject. These are not so much errors as misplaced pieces; with this quantity of information, it should be understandable to all parties that once in a while (*sic*) a piece of data or bit of interpretation gets mislocated.

What really matters isn't whodunit or how, but the ultimate clarification.

Jim Thompson

### Doctor Praises Ayooob

I enjoy your magazine. Specifically, I was impressed with the article by Massad Ayooob on mental conditioning (AH, Jan/Feb 85) for violent encounters. I urge you to encourage more articles such as this. The "technical aspects" have been presented vis-à-vis guns, equipment, etc. It is the human side we need to explain, explore and prepare. Thank you and Mr. Ayooob. Hope to see more.

John J. Demas, MD  
San Francisco, Calif.

### More Kudos For Ayooob

It is very rare that I write to a magazine but I wanted to let you know that I really enjoy your magazine and have no criticism for any part of it.

I particularly enjoy Massad Ayooob's column. I am very interested in learning to properly defend myself and my family even though I pray I'll never have to. Please pass the word to Mr. Ayooob to continue educating me in all levels of defensive handgunning from equipment through mental conditioning. Thanks for a great magazine.

Jesse W. Heflick  
Darien, Wis.

### Beware Beretta's 'Y'

I would like to make the readership aware of a potential problem when purchasing Beretta firearms. Beware of any Beretta with an inverted letter "Y" stamped anywhere on the frame. This upside down "Y" is used to mark the firearm as a blemished or factory-second item, and indicates that it is being sold without any warranty coverage for frame, finish and grips.

I unknowingly purchased a new Beretta model 84 with the inverted "Y" stamped on the right side of the trigger guard. When the frame finish began to peel, I returned the pistol to Beretta for warranty repair, and received a letter explaining the lack of warranty coverage due to the inverted "Y" stamp.

Anyone else who purchased a Beretta with the inverted "Y" marking on the frame and was not informed by the dealer that the firearm was "as is" for finish may wish to return the firearm to the dealer.

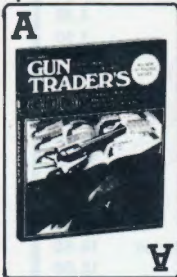
Donald J. Porter  
Los Angeles, Calif.



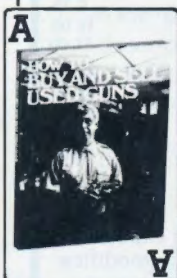


## GIVE YOURSELF THE BEST DEAL!

WHEN YOU'RE BUYING,  
SELLING  
or TRADING GUNS.  
THESE TWO NEW BOOKS  
WILL SHOW YOU HOW!



**GUN TRADER'S GUIDE** provides complete specifications and current average market prices for nearly 4000 different makes and models manufactured between 1900 and 1983 and features more than 2000 detailed illustrations. This latest expanded edition meets the needs of contemporary gun collectors, traders, hunters, shooters, military and law enforcement personnel, and just about anyone interested in guns. Find out what you need to know to make a wise sale or purchase, or simply discover what your own guns are worth in today's marketplace. Send for your copy of the newly updated 10th edition of the **GUN TRADER'S GUIDE**. Only **\$12.95** plus \$1.50 postage and handling.



**HOW TO BUY AND SELL USED GUNS** reveals the latest information about gun control laws, how to make a preliminary inspection, firearms identification, care and maintenance, determining current market value, what malfunctions to look for, trading shotguns, rifles, handguns, black powder arms, and what you should and should not restore. Fully illustrated, it's a perfect companion to the **GUN TRADER'S GUIDE**. Send for your copy today. Only **\$10.95** plus \$1.50 postage and handling.

I want the best deal possible. Send me a copy of the **GUN TRADER'S GUIDE** and its companion volume, **HOW TO BUY AND SELL USED GUNS**. Enclosed is **\$21.90** plus **\$3.00** postage and handling.

Send me the **GUN TRADER'S GUIDE** only. Enclosed is **\$12.95** plus **\$1.50** postage and handling.

Send me **HOW TO BUY AND SELL USED GUNS** only. Enclosed is **\$12.45** plus **\$1.50** postage and handling.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Calif. residents please add 6% sales tax.

Allow 4 to 6 weeks for delivery.

Send Your Order To: **GUNS BOOKS**, Dept. 9H-9  
591 Camino de la Reina  
Suite 200  
San Diego, CA 92108

## For The Competitive Edge...

### AMERICAN HANDGUNNER

## Read It!



## "It was so much fun that I ran out of cases"

*That's what users of the Lee Progressive 1000 tell us. This tool renews the thrill of your first reloading experience. Just add the bullet and pull the lever. You get a completely loaded round with every pull of the lever.*

It is so much fun, you will not want to stop. You'll be fascinated watching the shellplate self-rotate on each downstroke and feel the primer seat home. Then see the powder measure automatically charge the case through the expanding die and progress to the bullet seating station. After you insert the bullet, the press seats and crimps it in place. The loaded round is then ejected to your container via the chute, all automatically.

*Without a doubt, it is the most advanced trouble free reloading machine made and you can buy the press complete with dies, shell plate, powder measure, primer feeder and case feeder for less than some manufacturers sell a bare press. . . ONLY \$199<sup>98</sup>*

## Lee Progressive 1000

**SEND \$1.00 FOR YOUR CATALOG  
on the Progressive 1000 and  
many other reloading bargains!**

THE INNOVATIVE LEADER!



LEE PRECISION, INC. BOX 120 4275 HIGHWAY 'U' HARTFORD WISCONSIN 53027





## "LIFE WITHOUT FEAR"



**\$9.95**

Soft cover

**\$14.95**

Hard cover

**\$19.95** Hard,  
autographed  
and numbered

World champion handgun shooters Mickey Fowler and Mike Dalton teach you how and when to shoot. Enhance your ability to survive. Areas covered: safety • marksmanship • tactics • legal • women • technique • crime • guns and equipment • ammunition • 150 photos.



## DRY-FIRE KITS

**PRACTICE AT HOME  
IMPROVE YOUR SKILLS**

### ISI LOGO PRODUCTS

Dry Fire Kit .....	3.95
Hat Pins .....	4.00
Hats (Baseball Type) .....	6.00
T-Shirts .....	7.00
Belt Buckles	
Gun Belt 1 1/4 - 2" .....	12.95
Dress Belt 1-1 1/4" .....	12.95
ISI Patches .....	2.00

Add \$2.00 per book or \$1.00 per item for postage and handling on all ISI logo products. Money order, Visa, and Master Card, (send number and expiration date) shipped immediately. Personal checks allow 3 weeks for delivery. Ca. residents add 6 1/2% sales tax.

## CLASSES FORMING

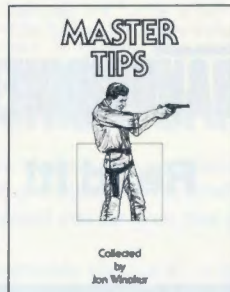
2 day and 5 day courses in self-defense or competition available. These international experts and combat masters will teach you to fire fast controlled shots, with the mental conditioning to obtain pin-point accuracy, and fulfill your personal goals!

Send \$2.00 for complete 8 Page  
Brochure and Information Packet  
to



INTERNATIONAL **ISI** SHOOTISTS INC.  
DEPARTMENT A.H.  
P.O. BOX 5254, MISSION HILLS, CA. 91345

# MASTER TIPS THE BOOK



Regular readers of the *American Handgunner* are familiar with our exclusive feature, Master Tips. In fact, many readers thumb to Master Tips immediately before reading any articles. Perhaps the only complaint ever received by the *Handgunner* over Master Tips is that there ain't enough of em!

Fret no more, for *Master Tips, The Book* is now available. Chock-full of match-winning tips from Combat Masters, World Champions and recognized authorities, *Master Tips, The Book* is guaranteed to improve your understanding of some of the more subtle aspects of combat/IPSC shooting.

Featuring 150 illustrations in 96 pages, the book is absolutely required reading for any serious student of combat shooting. It's a "how to" book with the many topics covered in detail with easy to follow illustrations. Most of the illustrations are new and have never been published before.

Learn from Tom Campbell's extensive research with a camera shooting at 11,000 frames per second (!!) on how to perform a double-tap. Learn from 'plate maestro' Brian Enos the trick to being able to hit 505 Bianchi plates in a row. Learn from Combat Masters Mickey Fowler, Mike Plaxco and John Shaw.

Topics covered include: Basic Marksmanship; The Grip; The Draw; Gunhandling; Shooting Positions and Techniques; Fine Points of Revolver Shooting; Courses of Fire; Training; Gear; and The Inner Game.

Without a doubt, *Master Tips, The Book* is the most comprehensive compilation of winning tips and hints ever published for the combat/IPSC shooter. We at the *American Handgunner* are honored to feature Master Tips in each issue of the magazine, and we're happy to report that now you can easily find the exact 'tip' you're looking for in *Master Tips, The Book*. No more thumbing through back-issues to find what you need; it's there, at your fingertips, in the table of contents of *Master Tips, The Book*.

Heed this tip—order your *Master Tips, The Book* today. Send a check or money order for \$11.95 to Potshot Press, P.O. Box 1117, Pacific Palisades, CA, 90272-1117.



# Attention! COMBAT SHOOTERS

Now you can purchase the accessories you need in one convenient place. We offer:

Kings Extended Safties	18.50
Ambidextrous Safties-Swenson	40.00
Colt	49.95
Extended Slide Release	19.50
Wilson Shok-buff	6.35
Wilson-Dwyer Group Gripper Govt.	22.95
Comm.	27.95
Wolff 18 1/2 lb. recoil spring	4.50
MK IV recoil spring	1.50
Extended Magazine Release	17.50
Micro adjustable sights	31.50
Wichita adjustable sights	49.95
Seleg self timer	154.95
MMC Bar Cross fixed sights	29.00
Mellet fixed sights	26.00
Beavertail grip safties-Wilson	19.00
Colt	23.00
Long Match Triggers	10.40
3 lightening holes	16.50
Magazines- Colt, blue	18.00
Devel, 8 rds	16.95
Flat Mainspring housing- Colt, ckd.	23.00
Colt, serrated	23.00
Pachmayr	9.95
Colt Barrell and Bushing sets	49.95
Colt Commander Hammers	16.50
Micro Bushing	9.50
Bianchi 'Askins Avenger'	35.00
Bianchi 'Chapman Hi-Ride'	40.95
Bloker 'Security' (teflon lined)	35.95
Bloker 'X-16'	26.95
Rogers 'Idaho Reloader' pouch	6.35
Rogers E-Z load	6.35
Bianchi 'clip grip'	19.00
Bloker 'double clip'	21.00
Rogers PPS Grips	22.95
Bianchi 'Lightning' grips	21.00
Pachmayr 'combat' grips	17.50
Wilson Extended Recoil	
Spring Guide	28.00
IPSC Hat Pins	6.75

\*\*\*\*\*

We have considerable experience in performing IPSC style modifications. Inquire for details.

\*\*\*\*\*

We are a **Colt's Warranty Repair Station** and carry a wide variety of **Colt Parts**. Inquire for details.

\*\*\*\*\*

We offer a complete money back guarantee --

\*\*\*\*\*

Forward Correct remittance in cash, check or M.O. along with 10% or \$2.50 postage to:  
**FREE CATALOG UPON REQUEST!**

## SHOOTIST SUPPLY

622 5th

Belle Fourche, SD 57717

C.O.D.'s Welcome  
or call your Visa and Mastercharge  
orders to  
**(605) 892-2822**



# MASTER TIPS

Collected by Jon Winokur

## The Crossdraw for Women

I wear a crossdraw holster on the centerline of the body at waist level. Since I'm rather short from the shoulders to the waist, this position decreases the distance from hand to holster when starting from the surrender position. It also allows me to see the gun in the holster, and that promotes a smoother, quicker draw.



**1.** From the ready position, hold the hands close to the head and slightly forward, the elbows close to the body, and keep your eyes on the safety.



**2.** On the start signal, bring the strong hand down to the pistol with the arm pivoting at the elbow. Move the weak hand slightly forward.



**3.** Grasp the gun firmly with the thumb on the safety. Hold the weak hand forward but keep it behind the gun to avoid sweeping it with the muzzle.



**4.** After the gun has cleared leather and is pointing down range, disengage the safety with the right thumb.



**5.** As the hands meet, wrap the weak hand index finger firmly around the front of the trigger guard.



**6.** Push out with the strong hand, pull back with the weak hand. Your grip should be very firm. As soon as your eyes find the sights, you're ready to fire.

LEE COLE, 1982 and '83 IPSC Women's National Champion; 1984 Women's Bianchi Cup Champion; 1984 Women's Speed Shooting Champion.



# BOOK REVIEWS

## STRESSFIRE

By Massad Ayoob

(\$10.95 ppd. from Police Bookshelf, P.O. Box 122, Concord, New Hampshire 03301. Softcover, 149pp.)

Bill Jordan's *No Second Place Winner* was an early and still significant attempt to deal with the problem of gunfighting with the seriousness and expertise it demands. First published in 1965, it's been a perennial best-seller because it approaches the subject in a realistic, clearheaded way, awakening its readers to the dynamics of what might be termed "modern gunfighting."

*StressFire* is likewise a giant leap forward in the development of a complex discipline. In this highly readable, well illustrated book, Massad Ayoob presents a learnable, retainable and reliable set of defensive skills based on real world experience, not practice range theory.

In developing the system, Ayoob began with the assumption that the body alarm reac-

tion that occurs during armed combat precludes the use of complex, dexterity-intensive techniques. He then worked backwards to develop techniques that would not depend on fine motor coordination but rather *feed off* the increase in coarse strength produced by the fight or flight reflex. To that guiding principle he added the requirements that the techniques be easy to learn, easy to teach, and easy to retain.

For example, execution of the Weaver stance requires that half a dozen isometric coordinates be fulfilled in order to index on the target. If one or two of them are missed under pressure, the shooter may well miss the target.

Ayoob demonstrates that the isosceles or turreted stance works better under pressure because it has only one coordinate: thrust both arms straight in front of you until they can go no further. It allows the widest traverse when the shooter must swing between multiple opponents, because the body has become a 'tank turret' that pivots on the 'gun mount' of the pelvic axis. The Weaver, on the other hand, tends to immobilize the shooter.

Although he considers the Weaver better used as a special purpose technique rather than a primary one, Ayoob is not anti-gamesman. A highly successful competitor himself, he cites regular competition as excellent preparation for an armed encounter: "Shooting in matches may not be your cup of tea, but the tremors induced by an audience and a rich prize pot will throw you into a pressure cooker that will temper you and your nerves like steel in a crucible, and make you hard."

Another *StressFire* innovation is the Ayoob Wedge. I had the advantage of learning it directly from Ayoob at one of his Lethal Force Institute courses, and I resisted it at first. But now it's the grip I'll use until something better comes along. It gives me more control over the gun and it's easy to acquire from the leather.

It does seem awkward at first. Instead of wrapping the weak hand index finger around the *front* of the trigger guard, the finger is forced in *under* it. This wedge of flesh and bone has a camming effect that almost forces the front sight onto the target. And there's a bonus: if you miss the grip from the leather, you'll still have a conventional wraparound grip—an important failsafe in competition or confrontation.

Other *StressFire* techniques include martial arts principles combined with practical shooting (the *StressFire* 'star'); how to hold someone at gunpoint (a subject almost totally overlooked in books about gunfighting); a close-range pointing technique designed to produce accurate fire without resort to a conventional sight picture; and a revolver reload that will be appreciated by shooters whose hands shake during a match.

*StressFire* does for the dynamics of gunfighting what Ayoob's best-selling *In the Gravest Extreme* did for the psychological and legal aspects of the same subject. Read and absorb the techniques in these two books and you'll be less likely to get into a gunfight. And more likely to survive if you do.

—Jon Winokur

## WHO NEEDS A .380 AUTO ??

... You probably need ours!

Let's face it, when you really *need* any handgun, you need it *real bad*, and *right then*. The only gun that's going to be any good is the one you have *with you*.

Most magnum revolvers, big-bore autos, and big capacity 9mm pistols are all too heavy, too bulky, or too uncomfortable to carry concealed (assuming you're properly licensed). If you leave the big gun at home or locked in your car trunk, guess what you're not going to have with you when you most need it?

Our .380 ACP PPK/S holds 8 rounds, half the number of big new 9mm pistols, but 60% *more* than five-shot 'snubbie' revolvers. It works just fine with high-impact factory hollow-points, too. It's comfortably small and light (23oz), with smooth contours and white outline sights. Our 'Durgarde' PPK/S can be carried dry of oil, will function dependably, and will not stain your clothes. (Stainless steel autos don't like to operate dry).

The *original* Manurhin-Walther PP Series pistols have been around for almost 34 years. We've made over a million of them. Compare our PPK/S with any other .380 ACP - for quality, reliability, accuracy, and price. If you need a pistol to *live with*, Think Manurhin-Walther PPK/S.



MATRA-MANURHIN INTERNATIONAL, INC.  
1640 Oakland Park Boulevard  
Fort Lauderdale, Florida 33311  
Telephone: 305-486-8800



## A Debate Forum Featuring Experts

# IS IPSC A SPORT OR TACTICAL TRAINING? (Gamesman versus Martial Artist)

The gamesmen respond that these complainers are simply sore losers ("Five-Yard Flinchers").

versus

To the martial artist/realist, competition represents a means to an end—survival.

## PRO

By Mickey Fowler

In every sport there is controversy as to the direction it should be taking. Shooting is no exception. The insurgents have labelled their issue as gamesmen vs. martial artists in the sport of IPSC.

The term 'gamesman' usually refers to a pistol match competitor, while the 'martial artist' (aka realist) is concerned more with self-defense theories. Conflict occurs when a martial artist competes in a pistol match and finds that his theories are not being applied by the match organizers.

Martial artists, the clear minority, accuse the majority of shooters of deviating from the "true spirit" of practical shooting by constructing unrealistic match set-ups and wielding unusable firearms to shoot them. The gamesmen respond that these complainers are simply sore losers ("Five-Yard Flinchers") pursuing the hopeless dream that changing the rules will allow the less talented to win.

There is probably an element of truth to both positions. On balance, I support the current administrative philosophy of allowing match promoters the freedom to construct formats of their choice, and competitors the freedom to meet these challenges with whatever equipment they can devise to get the job done. Only in this fashion can shooting progress. I oppose any attempts by sub-groups, be they self-proclaimed realists, martial artists or gamesmen, to impose their will upon the whole to restrict competition to any one concept.

The current match configurations have evolved naturally as the best approaches for achieving the maximum in shooter and spectator attendance, public acceptance, safety and fairness in scoring. The truly talented have adapted to these challenges by refining their skills and improving their basic equipment. Today's IPSC champions are the finest all-around shooters in the world and they employ state-of-the-art equipment. I see no reason to digress back to our dark ages when 20 contestants was a large match and the winner was decided largely by luck or popularity.

The formative years of our sport were marked by matches attended by a few tenacious buddies determined to find the best method to fire a large caliber weapon in the quickest and most accurate fashion. Hence the sport's DVC motto: *diligentia-vis-celeritas* (accuracy, power and speed). The emphasis was on freedom of choice to devise the most efficient techniques and equipment to solve the problems presented. Tradition was shunned, restriction avoided. As a result, we progressed, we set the trends. Today, our techniques are copied by those who formerly set the pace. For example, the FBI has recently incorporated the Weaver stance (developed by our "combat" shooters two decades ago) into their training repertoire.

*Continued on page 74*

## CON

By Mark Hipes

Is IPSC merely a game, or is it relevant for self-defense? The answer from the martial artist's standpoint is a qualified 'yes' to both aspects of the question. While it is merely a game at the present time, it is the best game the martial artists have.

A martial artist is a *realist*. He is concerned with the practical application of a skill-at-arms. In the case of the pistol or revolver this means principally the defensive use of a sidearm in a life threatening situation. As IPSC initially defined its role in 1976 at the Columbia Conference, this would have seemed to be the overriding concern. The application of that role has deviated substantially through the intervening years.

To get to the heart of this debate, the "Principles of Practical Shooting" state, in part:

"Practical competition is a test of expertise in the use of functional defensive equipment. Any item of equipment, or modification to equipment, which sacrifices practical functionality for a *competitive* advantage contravenes the principles of the sport."

"The challenge presented in practical competition *must be realistic*. Courses of fire must follow a practical rationale and simulate sensible hypothetical situations in which weapons might reasonably be used."

These principles are "established to define the nature of practical marksmanship" and "are accepted by all members of the IPSC as conditions of membership." These are excerpts from the Rule Book—The IPSC and the U.S. Region of IPSC.

At the present time, the sport leans heavily toward being more of a game than a simulation of sensible hypothetical situations. This is easily verified by attending a variety of matches sponsored by IPSC-USA affiliated clubs.

Oftentimes the matches are published in advance. I submit to you, who goes into a life threatening situation of which he has precise advance knowledge, alone and armed with only a handgun? That's the stuff movies (games) are made of. More often than not, the courses of fire are exaggerated, requiring one or more reloads with in excess of three hostile targets, whereas my investigations reveal that only rarely do defensive encounters involve multiple adversaries. The distances to the targets in competition are presently weighted heavily at the intermediate ranges (10m–25m). Again, the bulk of my research into defensive shooting situations indicates that most defensive encounters occur at short ranges (10m and less).

These problems are largely ignored by the match designers. My opinion is that this stems mainly from an emphasis to make matches more exciting or action oriented. Thus they have more appeal to the dramatic. But do they simulate realistic hypothetical situations?

*Continued on page 76*



## SELF-DEFENSE REQUIRES NO APOLOGY



Jan Jones

Jan Jones has been a high school teacher for 16 years. After developing an interest in self-defense and handgun shooting, she decided to take a one year leave of absence from teaching and attend several shooting schools including Mickey Fowler's I.S.I., Jeff Cooper's AMERICAN PISTOL INSTITUTE and Massad Ayoob's, LETHAL FORCE INSTITUTE. During a one year period she fired over 5,000 rounds of .45 auto and .38 Special.

Now, two years later, she is a Certified NRA Instructor and shares, from a woman's point of view, the experiences, frustrations, and valuable lessons she has learned. After hundreds of hours of instruction and practice, she summarizes what worked and what didn't work, which handguns, and what calibers are realistically suited for women.

This is not another "Don't Get Raped" book. The emphasis is upon gun handling, preventive strategies, mental preparedness and the deployment of tactics. Whether you are a man or a woman, you will find this book interesting and highly informative.

Chapter 1  
How I Got Started

Chapter 2  
Psychology of  
Self-Defense

Chapter 3  
New Wave of Violence

Chapter 4  
Understanding the  
Criminal Mentality

Chapter 5  
Who Will Protect You?

Chapter 6  
Prevention  
and Awareness

Chapter 7  
Close Encounters  
of the Worst Kind

Chapter 8  
Legal and Moral  
Aspects of  
Self-Defense

Chapter 9  
Tips on Purchasing  
a Handgun

Chapter 10  
Safety First, Last  
and Always

Chapter 11  
Teaching Your Child  
About Guns

Chapter 12  
Firearms Training  
& Education

Chapter 13  
How to  
Shoot a Handgun  
to Save Your Life

Chapter 14  
The Truth  
About Gun Control

### We Will Give You The Shirt Off Our Back!!!

Purchase your copy of **SELF-DEFENSE REQUIRES NO APOLOGY** before December 31, 1985 and Security World Publications will send you a **FREE T-SHIRT** with your order. We're giving you the shirt off our back to introduce you to our new line of shooting, security, and self-defense books. Our new catalog will be included with your order.

**YES . . .** Please send me my copy of  
**SELF-DEFENSE REQUIRES NO APOLOGY.**

Name \_\_\_\_\_ Please print clearly

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Enclosed is ☐ Check ☐ Money Order . . . . . **\$9.95**

Foreign Orders Please add \$2.00 additional postage Postage & Handling **2.00**

I am placing my order before December 31, 1985. NC Sales Tax \_\_\_\_\_

Please send my **FREE T-SHIRT** ☐ S ☐ M ☐ L Total \$ \_\_\_\_\_

Mail to Security World Publications 4600 Park Rd., Suite 1000, Charlotte, NC 28209

## CONVERSATION WITH A CHAMPION

By Jon Winokur

In addition to his Cop Talk column for the *American Handgunner*, Massad Ayoob has written hundreds of articles and a half dozen books on a wide range of self-defense and law enforcement topics.

He is a nationally registered Combat Master in NRA Police Combat shooting, has a Class A rating in IPSC, and was one of the first "Master Blasters" in Second Chance. A former state and regional combat champion, he's now semi-retired from competitive shooting.

As founder/director of the Lethal Force Institute (PO Box 122, Concord, NH 03301) he travels the US and Canada conducting seminars for private citizens and police departments, and he's a respected expert witness in self-defense shooting trials across the country.

Ayoob is, in short, a high-profile expert whose work is known to anyone with even a casual interest in handguns or self-defense. But readers and students know little about the man behind the byline, so I met with him recently to get some personal details.



**JW:** For openers, Massad, can you tell me about your background and how you became involved with guns?

**MA:** I was born in 1948 in New England. My father was a jeweler who had moved from Boston to New Hampshire before I was born. Part of his enjoyment of the country lifestyle was hunting, so there were rifles and shotguns in the house.

The family jewelry store was also armed. Years before my father had been in a shootout with multiple perpetrators. One of them attempted to shoot him in the left side of the head, but my father was able to turn away in time to avoid being hit. The percussion exploded his left eardrum, deafening that side for the rest of his life. He returned fire, killing the man who had shot at him and crippling one of his accomplices.

I grew up around guns. The first time I fired one was at the age of four. My father would hold a Stevens Model 87 .22 auto rifle at it's point of balance in his palm, and I

*Continued on page 60*



# THE THOMPSON TRIO

By Mike Barach

The Auto-Ordnance Corporation is known world-wide as the manufacturer of the famous Thompson sub-machine gun. More recently, Auto-Ordnance has been concentrating on a trio of high quality yet economically priced 1911 A-1 type Gov't Model semi-auto pistols. Their first offering in 1982 was the .45 ACP, but now after considerable research and testing have also added the 9mm and .38 Super to the line. The Thompson 45 ACP has been wrung out by every major magazine with, I might add, very favorable comments. Since the 9mm and 38 Super are new, I expect more of the same remarks.

The Thompson semi-auto is a basic pistol that competes very favorably with other 1911 Gov't Model types. It is almost identical internally and externally to other 1911 versions with the exception of the new Colt Series 80, which has the firing pin block. The Thompson pistol comes with the traditional five-inch barrel, fixed sights, overtravel adjustable long-type trigger, and standard short safety, slide release, and magazine release button. An arched mainspring housing and simulated woodgrain grip panels are standard. All Thompsons have a low lustre blue-black finish with the top of the slide matted to reduce glare. The blued steel is what I call duty grade as it's not a deep, rich, high-lustre blue. All external parts of the test guns are well prepared as I could find no tool marks, flat spots on rounded surfaces, scratches, or other imperfections.

Let it be clearly understood that the

*Auto-Ordnance, makers of the Thompson Tommy Gun, is out with a GI-type pistol in three calibers.*



Thompson Pistols are constructed of all new parts. There are no surplus parts used in their manufacture. Since Auto-Ordnance is a part of Numrich Arms Company, which is well known for surplus parts, it's a logical assumption that the pistols are made of the same. When I'd contacted Doug Nichols of Auto-Ordnance several years ago, in order to test the then new .45 ACP, that's exactly what I thought the gun would be, although I didn't

mention it. When the gun arrived I was pleased to find it wasn't a hunk of surplus parts thrown together.

All Thompson pistols utilize investment cast 4140 steel alloy slides and frames. The barrel, manufactured by Numrich Arms Co. is also of 4140 with a 1-16" rate of twist. Bore diameter is .451". Only solid barrel bushings are used. Overall fit, finish and functioning of the test guns I've used is excellent. Although some looseness is evident in both the barrel bushing/barrel and slide to frame fit, it isn't what I consider excessive for an untuned pistol and from the results of my accuracy tests they shoot better than the norm. As they come out of the box, the Thompsons will deliver an average of 2½"-3½" five shot groups at 25 yards, using a variety of hand-loaded ammo and some factory loads.

Why does the gun shoot well? The few people at Auto-Ordnance that assemble the pistols give enough attention to proper fit at the critical areas to produce acceptable accuracy, while maintaining good production levels in order to keep the price down. From my experience with the test guns, they have been doing a good job of fitting and to my knowledge there is no shortage of Thompson pistols.

The trigger pull on the test guns all hover around 6½ pounds. Although heavy, they all break clean, with no creep. For some reason, heavy trigger pulls seem to be the norm for production guns.

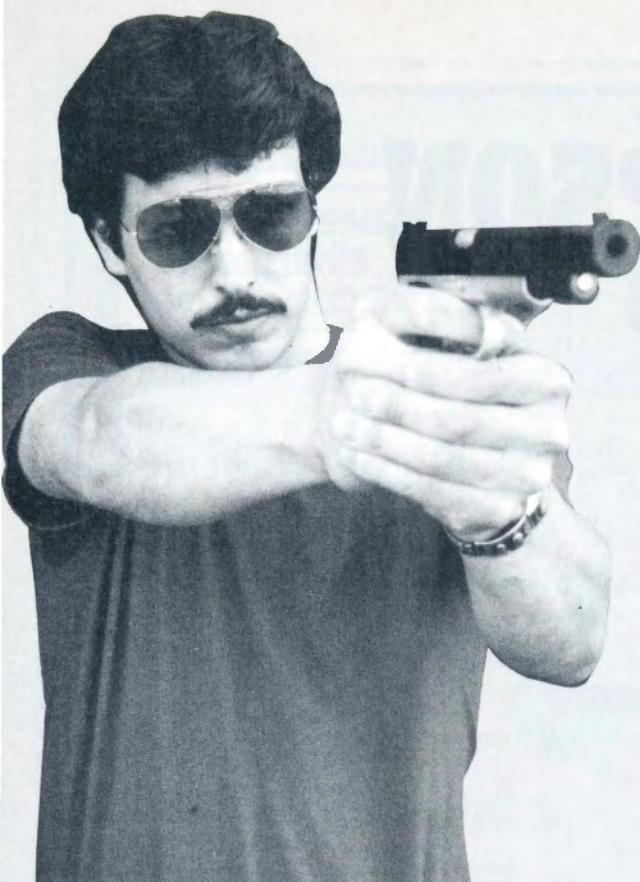
*Continued on page 85*



**Auto-Ordnance autos of Browning design are available in .45 ACP, .38 Super and 9mm Luger.**



# 1985 IPSC INDOOR CHAMPIONSHIP



*Bob Denny won  
with a new  
gun he's been shooting  
for less than a week!*

*By Cameron Hopkins*

When you think of a major IPSC match, you envision Rhodesian walls and Cooper tunnels, Floppers and Droppers, pepper poppers and moving targets. So you may be surprised to learn that a national-level IPSC match can take place indoors.

The 1985 IPSC Indoor Championship compensated for the lack of space for an assault course or long-range standard exercise with an innovative and clever course design that challenged the shooters. The course design solved the biggest problem of shooting IPSC indoors—safety.

Liberal use of 'no-shoot' targets, sometimes outnumbering the 'bad guy' targets four-to-one, prevented shooters from firing in an unsafe direction. Match Director John McGuire's courses allowed the competitors to exercise 'freestyle' approaches while at the same time assuring that all shots would be fired downrange at the bullet traps.

The Indoor Championship consisted of three courses of fire all requiring movement from one firing station to another. Because the distance was limited (the farthest shot was 15 yards), the courses utilized reaction targets to make the match both challenging and exciting. Hosted by the Mill Creek Practical Shooting League of Lenexa, Kansas, the match drew upon the specialty of the hosting Kansas pistoleros, the *Flopper* and *McKaig Dropper* targets.

One course of fire, *Table for Two*, featured two *McKaig Droppers*. This target, which made its debut at the 1984 IPSC Nationals, consists of a 10-inch steel plate substituted for the 'A' zone of a Milpark target. Normally a

*McKaig Dropper* plate is surrounded by the rest of a Milpark target, but in this match the *Dropper* stood naked, a bare steel plate which had to be hit, and dropped.

On another course, *Blood Alley*, there were three *Flopper* targets. A *Flopper* is a steel plate (the size can vary) attached to a steel framework with a cardboard Milpark target connected. When the steel plate is hit, it falls and its momentum triggers the attached Milpark target to rise. The Milpark travels a full 180 degrees, "flopping" over as it swings up and back (hence the name *Flopper*). The Milpark target, as it flops, is exposed to fire for about 1.3 seconds.

It's not easy to hit such a flopping target, but, to make matters trickier, there were two pop-up 'no-shoot' targets in front of the *Flopper* activator plates. Like the *Floppers*, the two 'no-shoots' were activated by a steel plate. Before things started flopping and popping, a shooter faced three steel plates, one for the pop-up 'no-shoots' and two for the two *Flopper* targets. The center plate, which had to be hit first, activated the pop-up 'no-shoots' in such a way that they remained standing in front of the *Flopper* plates. It was shot thus—hit the center plate, and, quick, hit the two *Flopper* plates before the 'no-shoot' pop-ups obscured them.

The third and last course of fire, dubbed the *Bullet Hole Boogie*, didn't have any reaction targets, but it had its own unique twist—moving 'no-shoot' targets. You've heard of moving targets before, but you usually associate moving targets with something you shoot at. In this case, you don't shoot at the



*Jo Anne Hall fires past 'no-shoot' that has stopped after moving directly at shooter.*



mover. The moving bank of two 'no-shoots' traveled in a circle in front of three Milpark targets at a range of 15 yards. Shooters had to time their shots to go between, in front or behind the moving 'no-shoots.' This unique use of a moving target is one of the most fun I have ever faced in competition.

Surprisingly, the moving 'no-shoots' were seldomly hit. They moved at a meager three-feet-per-second. (A moving target usually travels at 10 fps.) This moving batch of 'no-shoots' served mainly to disrupt a competitor's rhythm and present a "mental" obstacle.

Enough of the course of fire. Let's get to the stars of the show.

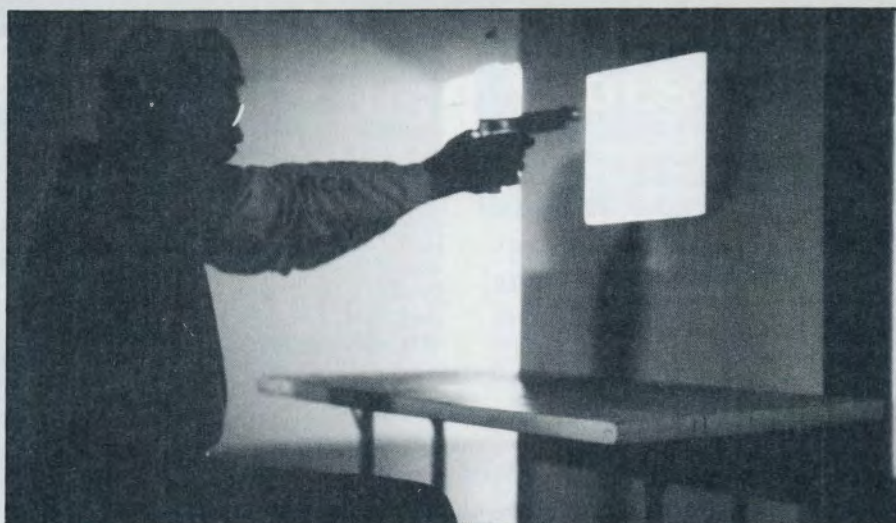
The 1985 IPSC Indoor Champion is Bob Denny. Bob won the match with a brand new pistol he had been shooting for *less than a week*. So much for the old rule of thumb that one shouldn't use new, unfamiliar equipment in a major match. Bob fired a custom Wilson Accu-Comp (LE model) in .38 Super. He said he had never fired a .38 Super prior to his one week of practice. Bob loaded 5.9 grains of Blue Dot under a 160 grain round-nose lead bullet. He wore a custom made Rogers holster.

Bob broke the 'rule' about new equipment and also violated the maxim that only a shooter with considerable match experience can win a major tournament. This was only Bob's second major IPSC match, the first being the 1984 IPSC Indoor Championship. However, Bob has done well in the Second Chance bowling pin match. He also shot in the 1984 Bianchi Cup.

1984 IPSC Indoor Champ Mike Plaxco was an odds-on favorite this year. But a missed *Flopper* and a dropped shot caused him to finish third. Mike shot one of his Plaxco compensated pistols in .38 Super. He loaded 6.1 grains of Blue Dot under a 160 grain jacketed flat point. He wore a Rogers Plaxco model holster.



**Rick Castelow, runner-up, shoots 230 gr. round nose bullets for their reliability.**



**Dim lighting made shooting tricky for Plaxco—and the photographer.**

Runner-up Rick Castelow had already been congratulated on winning the match. Always the epitome of a sportsman, Plaxco said with a smile to Rick, "Congratulations, champ." Plaxco, as well as everyone else, had no idea of the final results and had no way of knowing that 'dark horse' Bob Denny had won. The scoring was done by hand (what, no computer?). So much for trying to second-guess the score keepers.

Rick shot a custom Colt .45 from Craig Wetstein with 5.4 grains of WW 231 and a 230 grain roundnose lead bullet. He wore Blocker leather. Castelow has two-and-a-half years of experience shooting IPSC.

Jo Anne Hall, 1984 IPSC Ladies Champion, added another jewel to her IPSC crown by winning the IPSC Ladies Indoor title. She shot her husband's Clark Bowling Pin Model (ported) out of Rogers leather. She fired a 200 grain H&G #68 SWC in front of 5.1 grains of Bullseye.

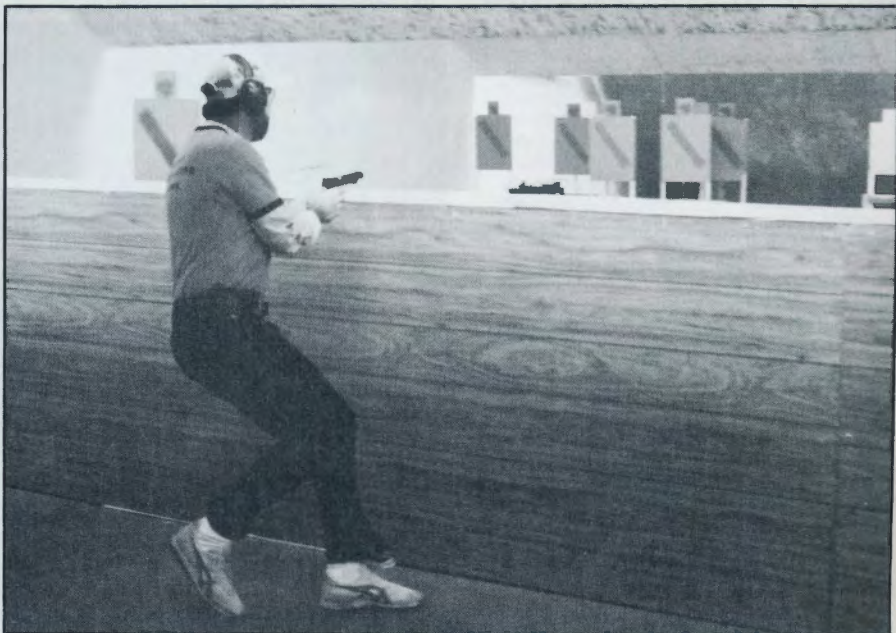
Shooter's Public Enemy Number One attended the match. Murphy—whatever can go wrong, will—must be receiving match dates and places because he seems to show up

at every major IPSC match. Murphy used a bit of imagination this time. He caused it to rain indoors.

Rain indoors? Yes, while my shooting detail was being given range instructions by Chief Range Officer Greg Moats, it began to rain. Apparently a shooter upstairs (it was a two-story indoor range) dropped a cigarette and ignited some unburned powder residue on the floor. An attentive Range Officer grabbed a fire extinguisher and doused the blaze. Water from the fire extinguisher oozed through the floor and dripped onto our detail. Greg said he had tried to anticipate every possible contingency and complication—except rain indoors.

The match was the third Indoor Championship. (Greg Moats won in 1983 and Mike Plaxco in 1984.) Shooting IPSC indoors is, well, different. I thoroughly enjoyed the match, and I won't miss the 1986 version. Don't you either—a match announcement will appear in the *Insights Into IPSC* column.

IPSC indoors? It's not only possible, but it's also a unique challenge and a lot of fun.



**Mike Plaxco dashes to engage more targets. Note all the 'no-shoots.'**



# PLASTIC Packs a Punch

By Anthony Carlyle

*With a name like Glock, it's little wonder this Austrian 9mm is a space age pistol made of plastic. No safety, no hammer, no frills—the GLOCK 17.*



**Cleaning is a snap when Glock is stripped. Plastic never rusts!**

"Tony, you really ought to come and have a look at it," my friend called. Actually, the last thing I wanted to do was to go and look at yet *another* 9mm Parabellum pistol. I was at the world's largest pistol meeting, the Anno Domini event, hosted annually at Bisley, England, by the National Pistol Association.

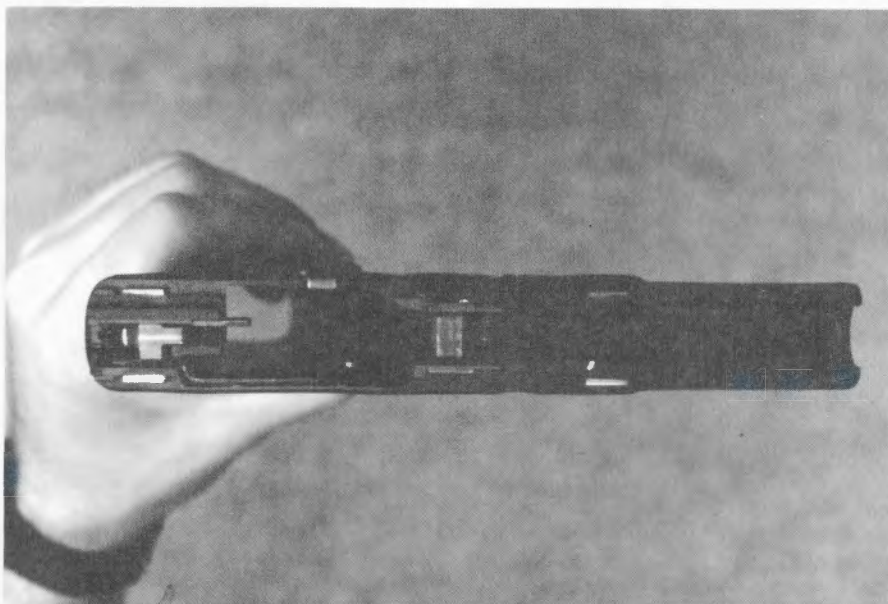
I was tired, it was raining, the mud was creeping up my boots and I knew I had to shoot in competition the next day. Nevertheless, the tone in Gary's voice was gently insistent, and I knew my friend and tame gunsmith didn't get excited about trivia. A glance at the glint in the eyes of Mike, an accompanying friend, combat pistol shooter and ex-SAS trooper, told me the ordeal might be worthwhile.

On pushing my way through the throngs of shooters in the trade tent, I had my first meeting with the Glock 17 'Safe Action' pistol.

*Continued on page 68*



**Glock 17 and Browning Hi-Power.**



**Note steel runners and breech cam moulded into the plastic frame.**







# STEEL CHALLENGE

**Rob Leatham steered some of the \$200,000 prize money his way by winning the World Speed Shooting Championship.**

**By Cameron Hopkins**

**Photos by Nyle Leatham**

The 1985 Steel Challenge was a security nightmare for the Secret Service, but for the competitors and spectators, the event was an exciting and rewarding four days of blasting. Over 35,000 primers popped, all rather rapidly, in the World Speed Shooting Championship, and when the dust settled and the smoke dissipated, Rob Leatham of Arizona emerged as the 1985 World Champion.

As the last steel plate's echo reverberated into the hills of southern California, two other Stars of the Show savored the sweet taste of victory along with the Arizona leather slapper. Lee Cole of Arkansas handily won her second title as Ladies World Speed Shooting Champion. And 16-year-old Alan Jenkins of California surprised many by outshooting veterans twice his age to win the title of Top Revolver making him the fastest wheelgunner in the world.

While the competitors blazed at the plates and the crowds cheered, Secret Service agents nibbled their nails and wrung their hands in fits of nervousness. And with good reason—their assignment was to offer Executive Protection to a visiting head of state, the President of Ecuador, amid a gathering of the world's fastest handgunners packing automatic pistols and enough reloads to resupply a battalion of Marines.

In fact, the Secret Service saw the futility of guarding a VIP in such an environment. They refused, and merely waited outside the gates of Wes Thompson's Juniper Tree



**Rob Leatham firing on Handgunner's Triple Threat stage.**

Range, the site of the match, while President Leon Febres-Cordero and his entourage of personal bodyguards and assistants strolled about enjoying the shooting competition.

President Febres-Cordero is the first head of state to attend a Steel Challenge, and also the first to attend any action shooting competition in the United States. He is an active IPSC shooter and an avid promoter of shooting sports in South America. He mingled with the shooters, chatted about guns and bought bags full of shooting accessories from the many exhibitors at the match. He was a friendly fellow having himself introduced to many shooters as "Leon," not Mister President.

Like everyone else, Leon had much to

clap about. Three world records were bested during the course of the match, and three new ones were established. John Shaw—who, incidentally, has trained some of Leon's bodyguards in pistolcraft—set a new world record on *Colt's Speed Option* (6.47 seconds). Stu Mullins posted a new record time (16.30) on *Aimpoint's Outer Limits*. Angelo Spagnoli set the first world record on a new course of fire, *Winchester's Showdown* (12.05).

True to form, Leatham posted two new world records on his way to becoming the 1985 World Speed Shooting Champion. He broke the old record on *Rogers' Five To Go*, set last year by his friend and shooting partner Brian Enos, with a time of 12.53. Leatham also established a record on the new course

of fire *Sigarm's In and Out* (11.55)

Leatham won two stages and placed in the top three in two others. Of course he also won the World Championship with the lowest overall time. For his outstanding shooting he took home \$10,500 in cash as well as four firearms. His merchandise is valued at \$3,336 making his total take \$13,836—not bad for four days of shooting.

Leatham fired a Wilson Accu-Comp in .38 Super from Davis leather worn on his strong side. His ammo was loaded on a Dillon press.

Each of the six stages of the match had individual sponsors. There were 109 sponsors in all combining to offer over \$200,000 in cash and merchandise. All of the sponsors

As America's foremost handgun magazine, the *Handgunner* offered the finest single prize package of the Steel Challenge, a superlative prize matching our pre-eminent position. We demonstrated our support of the handgunning sports by pulling out all the plugs, telling our accountants to take the week off, and donating this prize of prizes.

The prize, won by *Triple Threat* hosemaster Chip McCormick of Texas, has as its heart an Ed Brown *Maxi-Comp* custom conversion of a Colt

Government Model. The *Maxi-Comp* (available from Brown's Gun Shop, Rt. 1, Box 153, Perry, MO, 63462, (314) 565-3261) is detailed in *The Guild Speaks* column in this issue.

A fine custom pistol deserves a fine custom case. Targa Presentation Cases (2424 San Diego Ave., San Diego, CA, 92110, (619) 298-0089) handcrafted this custom case of full grain leather. Targa specializes in custom cases including those for Aimpoint sighted custom revolvers as well as custom .45s.

Gordon Davis Leather custom made a *California Challenger* holster along with a hand-stitched belt and mag pouch. Statistics show that more shooters used Davis Leather in the Steel Challenge than any other brand. (Davis Leather Company, 3930 Valley Blvd., Suite F, Walnut, CA, 91789, (714) 598-5620.)

Rounding out the prize package are four *Wilson-Rogers* magazines from Wilson's Gun Shop (Rt. 3, Box 211-D, Berryville, AR, 72616, (501) 545-3618).



# AMERICAN HANDGUNNER'S TRIPLE THREAT

*Prize Package*



Photo by Nick Karras.





**Mickey Fowler and Liebenberg 9mm.**



**Angelo Spagnoli and SIG P-210.**



**Lee Cole and Wilson Accu-Comp.**



**Rob Leatham and Wilson Accu-Comp.**

## GUNS AND GEAR OF THE TOP 20

NAME	PISTOL	GUNSMITH	LEATHER	RELOADER	TOTAL TIME
Rob Leatham (AZ)	Colt .38 Super	Bill Wilson	Davis	Dillon	68.99 seconds
Stu Mullins (CA)	Colt .45 ACP	Mac Scott	Rogers	Dillon	72.29 seconds
Chip McCormick (TX)	Auto-Ordnance .38 Super	Fred Tripp	Rogers	C and H	72.45 seconds
John Shaw (TN)	Essex .45 ACP	Jim Clark	Bianchi	Dillon	73.86 seconds
Angelo Spagnoli (CA)	Sigarms 9mm	Gray/Boland	unlisted	unlisted	74.38 seconds
Brian Enos (AZ)	Colt .38 Super	Bill Wilson	Davis	Dillon	75.40 seconds
Rick Castelow (TN)	Colt .45 ACP	Craig Wetstein	Blocker	Dillon	75.60 seconds
Tim Knutson (AZ)	Colt .45 ACP	Tim Knutson	Davis	Dillon	77.24 seconds
Nick Pruitt (CA)	Colt .45 ACP	Donavan	Davis	Dillon	78.28 seconds
Jim Zublena (CA)	Colt 9mm	Paul Liebenberg	unlisted	Dillon	78.45 seconds
Tom Campbell (MA)	Smith and Wesson 9mm	Smith and Wesson	Rogers	factory	78.74 seconds
J. Michael Plaxco (AR)	Colt .38 Super	Mike Plaxco	Rogers	Dillon	78.85 seconds
J. Bartell (CA)	unlisted	Jim Boland	unlisted	Top Brass	79.01 seconds
Mike Dalton (CA)	Randall .45 ACP	Jim Clark	Blocker	Star	79.50 seconds
Rick Byfield (KS)	Colt .45 ACP	Don Eisher	Blocker	C and H	79.64 seconds
John G. Sayle (OH)	unlisted	Steve Nastoff	Davis	Star	79.92 seconds
Stewart Wilson	Colt .45 ACP	Mac's .45 Shop	Blocker	Dillon	82.12 seconds
Lee Souter (AZ)	Colt .38 Super	Knutson/Souter	Davis	Dillon	82.17 seconds
Mike Fichman (CA)	Detonics .45 ACP	Jim Boland	Blocker	Star	82.33 seconds
Paul Liebenberg (CA)	Colt 9mm	Paul Liebenberg	Davis	Dillon	82.57 seconds

**Camera angle distorts distance as steel plates were quite close.**



were generous in displaying their loyalty to the shooting fraternity and their support of the handgunning sports. Several of the sponsors went well beyond the call of duty and donated extravagantly. Remember these major sponsors (see the accompanying chart) next time you contemplate a major purchase. Yes, they profit from shooters, but they also donate part of their profits back to shooters.

The talk of the match centered around a very special prize offered by the *American Handgunner* to the winner of our stage, *Triple Threat*. (Honestly, folks, we're not just tooting our own horn; our prize really was the talk of the match.) The prize speaks for itself as the photos illustrate. Chip McCormick of Texas won the *Handgunner's Triple Threat*, the \$2,500 prize package and \$1,000 in cash.

Chip posted a new world record with a time of 6.47 seconds for four runs. To give you an idea of just how fast Chip can shoot, bear in mind that 6.47 seconds averages out to 1.62 seconds to draw and fire three rounds on each of his four runs at the steel. Chip fired an Auto-Ordnance .38 Super from Scepter.

Angelo Spagnoli fired the only Sig in the match, a P-210, and won *Winchester's Showdown*. Angelo's Sig was highly customized by Bruce Gray and Jim Boland, both master pistolsmiths.



**President Leon Febres-Cordero of Ecuador chats with Rob Leatham.**

Watch out for Alan, the 16-year-old 'Wunderkind' featured in Jan/Feb '85 *Handgunner*. He came close to winning in 1984, but he didn't settle for anything less than victory this year. He shot a Ted Jordan customized Smith and Wesson Model 13 with an Aimpoint sight. He won by three tenths of a second over Jason Cole. (Last year's champ, Jerry Usher, met disaster this year when the battery on his Aimpoint failed in the middle of *Aimpoint's Outer Limits*. A touch of irony there.)

The Ladies World Champion, Lee Cole, placed 64th overall, the highest finish of any lady in the five years of the Steel Challenge. She attributes her win to several factors including control of 'match pressure,' her

*Continued on page 86*



# GUNS of the STEEL CHALLENGE

*J. Madigan's S&W Model 10; gunsmithing by Frank Glenn*



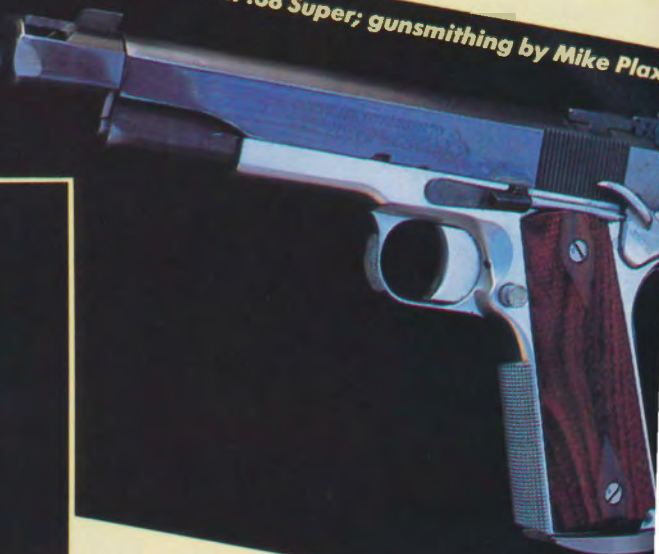
*A. Spagnoli's SIG P-210; gunsmithing by Gray/Bo*



*Paul Liebenberg's Colt 9mm; gunsmithing by Paul Liebenberg*



*Mike Plaxco's Colt .38 Super; gunsmithing by Mike Plaxco*



*Jo Anne Hall's Colt .38 Super; gunsmithing by Fred Tripp*





# WINDMASTER

## DAVIS CUSTOM PPC

By Seth R. Nadel

**B**ill Davis, of the Davis Company of Sacramento, Calif., has put more highly accurate revolvers into the hands of more shooters than anyone else of this era.

Specializing in the esoteric area of the PPC revolver, Bill has advanced the state-of-the-art several times in the last 10 years, and it looks like he has just done it again.

The PPC revolver is a complex piece of machinery dedicated to firing .38 Special wadcutter ammunition into a less than two-inch group at 50 yards. It must maintain this accuracy for thousands upon thousands of rounds in spite of heat, cold, wind, or rain. It has evolved, due in no small part to Bill, into a Smith or Ruger revolver with a six-inch long by one-inch diameter barrel with a trigger job, weighted underlug, and rib on top bearing the sights which are adjustable for 7, 25, or 50 yards.

Bill Davis, as he has in the past, has taken another step in the evolution of the PPC revolver.

Last year, for the first time, I saw this new creation in the hands of one of the top shooters of the U.S. Secret Service PPC Team. From a distance it looked like any other PPC gun. Then I noticed that the barrel was oval, not round on the outside!

I went over to offer my condolences on a fine revolver that had been run over by a truck, only to find out that this was on purpose.

It was the first of the *Windmasters* on the firing line, and a crowd quickly gathered. Unfortunately this did not unnerve its owner, who beat most of us as usual.

After his match was over, he let us fondle his new and improved shooter. The oval profile, with the wide part parallel to the ground, is designed to reduce the profile presented to

*Hold onto your hat! A blustery Northern is blowing in, but the Windmaster is ready to buck the breeze.*

the wind, and make it easier to keep all of the shots in the X-ring. (I might add that the target used in PPC competition has more height than width, and the scoring rings are about twice as high as they are wide.) The revolver had the usual fine Davis trigger pull, and the owner had shot his average score, so we

could not reach a conclusion as to its benefits—at least until I obtained one to test.

The sample revolver had been built on a Smith & Wesson Model 10, of the old five-screw type. It had all the usual PPC modifications—an excellent double-action pull, Davis synthetic grips, and the Davis-Aristocrat rib with a front sight that is slide adjustable for 7, 25, and 50 yards.

The unique item is the barrel with its odd oval profile. The fit and finish were of the high quality I expect on a Davis modified handgun, and the barrel blended into the sides of the sight rib with a smooth curve. One thing you notice as soon as you heft the gun is its weight—a solid 62 ounces.

*Continued on page 82*



**Windmaster features distinctive barrel profile and Davis grips.**







# YOU CAN WIN THIS CUSTOM RUGER MK. II

**Superb accuracy  
and balance  
characterize  
this 'classic' from  
Bowen Classic Arms**

The Handgun Department of Bowen Classic Arms Corporation is happy to present to the *American Handgunner* and one of its lucky readers this custom Ruger Mk II Rim-fire Auto. These pistols are exceptionally durable and well-engineered and offer a solid basis on which to build a first-class field or target gun.

At the heart of this conversion, and the secret to improved accuracy, is a Douglas Premium barrel with a long, low-angle, match-grade chamber. The receiver-diameter, straight-taper configuration not only improves the rigidity of the receiver/barrel assembly but also permits the installation of our own sight rib. These aluminum ribs incorporate the excellent Millet rear sights and are available with ramp or Patridge front blades, with or without protective ears.

The steel Clark trigger is adjustable for

slack and overtravel. Oversize hammer bushing and sear pin help ensure a consistent creep-free 2½ pound pull.

The standard safety button is checkered for more positive function. Cosmetic improvements include a nickel-plated grip frame and hand-made cocobolo grips with Ruger medallions and checkered 20 lpi.

Bowen Classic Arms offers a broad variety of custom handguns and services particularly for revolvers. Hand-fitted, hand-finished, accurized single-action Rugers are a specialty and are available in a wide variety of calibers including .22 Hornet, .218 Bee, 25-20 WCF, 30-20 BCA (.308 cal. 32-20 WCF) and match-grade standard calibers. We'll fit all manner of barrel makes, lengths and styles including 'bull' weight and octagonal. Also available are fitted gloss-blue steel grip frames and ejector housings.







We're also prepared to provide for the connoisseur special-order singles or matched pairs with fitted cases and accessories, engraving and fancy grips.

Our roster of double-action services include PPC work and Ruger/S&W-Python (Smolt) barrel conversions. For Redhawk fans, there is a .45 Long Colt conversion, a round-butt job, bluing and machining standard barrels to accept factory scope rings.

Quality workmanship is of paramount importance in our shop—every job is carefully tested and inspected before delivery. We welcome inquiries and supply estimates. An informative and illustrated catalog that details our services is available for \$2. Call or write to Hamilton S. Bowen, Bowen Classic Arms Corporation, P.O. Box 67, Louisville, TN 37777 (615) 984-3583.



Photo by Nick Karras.

**TO ENTER CONTEST:** Use a postcard, follow sample; include name, address, HOM-S/O, local dealer name and address. Mail before October 1, 1985. Send to AMERICAN HANDGUNNER, Box 16025, San Diego, CA 92116.

Name \_\_\_\_\_

Address \_\_\_\_\_

City & State \_\_\_\_\_

HOM-SEPT/OCT 1985 Phone \_\_\_\_\_

If I win, please ship my gun through the following dealer:

Dealer \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Contest void where taxed or prohibited by law. No purchase necessary. Winner must comply with all federal and local laws. Employees and agents of Publisher's Development Corp. not eligible.





PHOTOS: MILTON ADAMS



# HOME ON THE RANGE WITH JO ANNE HALL

*She's the 1984 IPSC Ladies Champ. She's just added another jewel to her crown—IPSC Ladies Indoor Champ.*

## *Interview By Cameron Hopkins*

**F**emales think that they have to be big, hulky Amazons to shoot a .45," Jo Anne Hall smiled as she said it, tossing her long blond hair with a gentle shake of her head.

Her blue eyes gleamed as she knew she didn't have to complete the statement—Jo Anne is anything but a "big, hulky Amazon."

The former Dallas Cowboy Cheerleader is the 1984 IPSC Ladies National Champion, a title of which she is immensely proud. And rightfully so as she beat all the members of the United States IPSC Gold Team including such veteran IPSC ladies as Linda Zubiena, Joanna Fichman and Christie Rogers.

Oh yes, she also left 1983 Ladies Champion Lee Cole in a cloud of dust. Or, I should say a cloud of Bullseye.

Jo Anne is a newcomer to IPSC shooting with slightly over one year's experience in competition when she won her title.

"I've always been real athletic and competitive," explained the shapely Texan about her unprecedented rise to the top rung on the ladies' IPSC ladder.

She proved that a 'dark horse' can win the national title.

But Jo Anne has had a long association with firearms. When she was 12-years-old she learned to shoot a .22 LR rifle on her grandmother's farm in Texas. And she and her husband, Carl, have hunted dove and quail together on many outings.

"Really it was after I quit the squad (Dallas Cowboy Cheerleader squad) that I picked up IPSC. You don't have time when you're on the squad practicing four hours a day, seven days a week," Jo Anne said. She became interested in IPSC after Carl became active in the Texas Section North out of Dallas.

Realizing that one's spouse is probably the worst shooting teacher, Jo Anne sought outside, objective coaching from Ronin Coleman. Ronin used to be an instructor at Col. Jeff Cooper's Gunsite training facility, and his courses on practical shooting are renowned in the Dallas area.

'Ronin the Barbarian,' as he's known to his friends, invented the PACT competition timer—a testimony to his wide knowledge of IPSC, its shooters and the needs of the sport. Under his expert tutelage, Jo Anne made rapid progress.

"Ronin said I had a lot of talent and that I could be competitive on the national level," said Jo Anne as she went on to explain that Ronin gave her the confidence to try this so-called "man's game."

Jo Anne took Ronin's course in July of 1983, and later that same month she won Top Lady in the Texas Challenge, the most presti-



gious IPSC match in the Lone Star State. Inspired, she attended the 1984 Steel Challenge and placed third among the ladies. She went on to the 1984 Bianchi Cup and placed fifth among the ladies.

She was off and running, charging down the field to glory like Tony Dorsett for whom she used to cheer.

The 1984 SHOT Show was in Dallas, and it was there that she met a man who was to have a profound effect on her spiraling shooting career.

1982 IPSC National Champion Mike Plaxco and Jo Anne became friends, and Plaxco became her coach.

"Mike Plaxco came down for the SHOT Show and he shot a league match with us. He told me I had a lot of potential. That gave me

a lot of encouragement," Jo Anne said to me as I interviewed her during the 1984 IPSC National Championships prior to her amazing win.

Jo Anne spent most of the summer of 1984 commuting between Dallas and Roland, Ark., where Plaxco keeps house. Plaxco coached her throughout the summer in preparation for the National Championship.

The previous year Plaxco had coached Lee Cole into the winner's circle.

She made steady progress and began placing consistently in the top five in local Dallas IPSC league matches. When I say the top five, I mean among all the shooters, not just among the women.

What is it that Jo Anne likes about IPSC?

"I like the competition. And it's an individual type of sport. It's something you can gauge your improvement on," the former Dallas Cowboy Cheerleader explained.

And, she added, "There are really no other sports that I can become competitive in on a national level." Jo Anne pointed out that other sports usually reserved for females, such as gymnastics, require training from the age of five. She's a wee bit older than that.

And how does Jo Anne deal with 'match nerves,' the nemesis of novice and accomplished shooters alike?

She said she normally controls her match nerves by concentrating on the task at hand—engaging Milparks with 'A' hits as fast as possible—and thereby blocking out the pressure.

But as the Nationals progressed, she realized her strong position and became nervous.

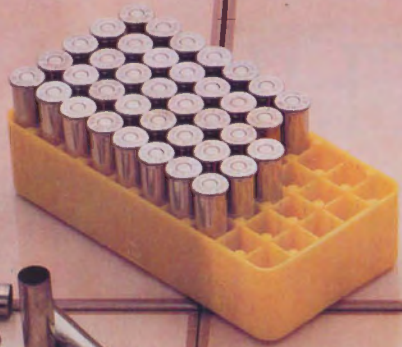
"I said (to Plaxco), 'Why do I have this knot in my stomach on my last match?' And Mike said if it wasn't for the butterflies, it wouldn't be any fun," Jo Anne said with a smile at the memory.

She said the reassuring words from Plaxco helped to steady her nerves as she went into the last stage which was to propel her into the winner's circle as the new Ladies IPSC National Champion.

About the future of IPSC, Jo Anne said she thinks there needs to be a national classification system to rank shooters according to their shooting skills.

*Continued on page 83*







# COLT'S PYTHON TURNS 30



*The prestigious Python celebrates its birthday with a new version — the Ultimate Python.*

*By Stanley W. Trzoniec*

Let's face it, the Colt Python is world class. From its inherent smoothness to its exceptional accuracy potentials, this is *the* revolver for all serious students of the modern wheelgun.

Whether or not you are a true-blue fan of Smith and Wesson or Ruger, somehow you manage to gravitate towards this Colt product. Be it model choices, the distinctive shrouded barrel profile or the mystique of this finely crafted handgun, it grabs you.

Born 30 years ago in 1955, the Python has progressed through a cycle of steady improvements. What had originally been thoughts of making a better grade target gun out of the Colt Officers Model, blossomed into a gun worthy of any made by American craftsmen.

The first toolroom model, as I understand it, was a mixed bag of ill-fitting parts put together in typical prototype fashion to illustrate an idea. Parts were welded on; special tools and jigs were made to make the older Officers Model look like something new and radically different. The vent rib, which many thought was a version of a King product, was in actuality done to lighten the muzzle end of the gun by machining out excess metal. First sample guns were cast in solid form. Later, in an effort to

trim the gun's weight, a few ounces were removed, and by so doing added a totally modern look to the Python.

Initially, the guns were made in .38 caliber, but remember the original intent was to make it an improved target revolver. Later the theory changed with production guns chambered for the .357 Magnum.

This was steadfast until recently when some Pythons were chambered for the .38 Special and, believe it or not, rummaging through my Colt catalog file, I find a full color page advertising the Python was to be chambered in .22 LR and the .22 Winchester Magnum Rimfire (WMR). Specs show the .38 Special available only with the 8-inch barrel, while the .22 version came with 4, 6 or 8 inch tubes.

Although I remember seeing one 8-inch nickel Python at a dealer a few years back, I never have seen the rimfire version. In fact, checking through the 1981 price list there is no mention of the .22 series so apparently it was a dead issue before it even got started.

Exterior finish speaks for a gun's quality, and ever since its birth, the Python has been noted for such. Pythons are polished on leather wheels starting at 80 grit and progressing up to around 400 grit. Since the polish is ultra smooth, the bluing is



**A pair of the newest Pythons, Ultimate Pythons.**



too. Nickel finish has been available for quite awhile, and for many years these two have been the mainstay of the line.

Recently, however, we have seen the addition of *ColtGuard* and full stainless guns added. Presently, the stainless revolvers are available in a matte finish plus a super polished version Colt calls *The Ultimate*. Expensive yes, but one look at this gun makes chills run up and down your spine.

With the gleam of nickel and the warm glow of stainless, this gun will certainly appeal to the Colt buyer who wants the very best. Although fitted with neoprene grips (alas, an attempt to make the gun completely moisture resistant) I find by adding a pair of fancy rosewood grips from the Colt Custom Shop helps to bring out the royal splendor of *The Ultimate Python*.

Still another big plus for *The Ultimate Python* is its amazingly smooth action. The slickness comes from hand fitting at the factory combined with the "V" spring ignition system. While all handguns receive some hand fitting, all the Pythons receive more attention at the bench than any other wheel-gun on the market.

To help prove this point, I requested seven different Pythons not only for photo sessions but also to check trigger pull, lockup and other mechanical features that have made this gun what it is today—the best.

I took five out-of-the-box guns for sample testing. Barrel lengths ranged from 2½ to 8-inches; finishes included blue, stainless steel and *The Ultimate*. Trigger pulls varied with the different steels. Strange. The carbon guns, whether finished in blue or nickel, ran anywhere from 2½ to 3 pounds single action. On both the stainless guns the single action pull was averaging between 4 and 4½ pounds. This seems to run concurrent with other makes; apparently stainless parts exhibit a smaller tolerance of "tuneability". Nevertheless, you can't fault Colt for these trigger pulls out-of-the-box.



**Radiant Ultimate Python finish.**

Creep was never a problem, as all sears broke as even pressure was applied to the triggers. Timing was good to excellent depending on the gun as there was some dragging of the locking latch on a few samples. Upon ignition, in true Python fashion, cylinder rotational play was nil, a tribute to the internal design features of the gun.

Double action pull included the normal stacking with an audible click present as the hammer released. On all guns I found an amazing consistency in double action. All averaged 12 pounds.

Custom tuning of the gun is available from the Colt Custom Shop, and talking to Keith McKenzie, the Shop's supervisor, I was surprised that more people don't take advantage of this service. While it adds about \$150 to the price of the gun, it does go a step further in reducing the original pull to between 2½ to 2¾ on the single action; 7 pounds or less on the double side. Consider it an investment, both in pleasure and resale value as you will get it all back double on both respects.

Sights are a viable part of any handgun, and the Python is no exception. The factory rear sights are the acceptable 'Accro', adjustable for both windage and elevation. Depending upon the model chosen, a white outline is included. Standard line guns do not have the white outline, but the stainless and *Ultimate* do. Front sights are ramped and

blued regardless of the finish adding a bit of contrast on nickel guns. The stainless Pythons that have the white outline rear also have a ramp front blade with a red insert.

Here again you also have a choice in sights by going through the Custom Shop. As an option you can add the highly refined Elliason target sights. This is the same sight assembly that goes on the Gold Cup .45 and, in my opinion, is one of the best additions ever put on a handgun. With this rear assembly, the gun is then equipped with a Patridge front blade. Granted, some may say this front blade will catch on the inside of your favorite holster but this has not been the case with me. In any event, for a cleaner, sharper and more defined sight picture, order your Python with the Elliason group.

Barrel lengths vie directly with weight and should be carefully considered when purchasing the Python. Presently Colt lists four different lengths in all finishes except the plain stainless. These include the 2½, 4, 6

*Continued on page 79*

### WHEN WAS YOUR PYTHON BORN?

DATE	SERIAL NUMBER RANGE
1955	1 to 299
1956	300 to 1649
1957	1650 to 5549
1958	5550 to 7049
1959	7050 to 9099
1960	9100 to 13099
1961	13100 to 18799
1962	18800 to 24799
1963	24800 to 30799
1964	30800 to 41399
1965	41400 to 50499
1966	50500 to 59999
1967	61000 to 73799
1968	73800 to 89999
1969	90000 to 99999 (new serial range) E1001 to E6300
1970	E6301 to E21200
1971	E21201 to E38000
1972	E38001 to E53500
1973	E53501 to E61000
1974	E61001 to E 83700
1975	E83701 to E99999 (new serial range) 01001E to 15000E
1976	15001E to 48300E
1977	48301E to 86200E
1978	86201E to 99999E 01001N & V01001

### And In The Last Six Years

1/9/79 to 12/13/79	V36737 to V88373
1/10/80 to 3/13/80	V88374 to V99999
3/19/80 to 5/9/80	AL0101 to AL9999
5/10/80 to 7/24/80	LA0101 to LA9999
7/24/80 to 9/29/80	VA1001 to VA9256
9/29/80 to 12/18/80	K01000 to L16265
1/8/81 to 12/23/81	K16266 to K75747
1/14/82 to 1/26/83	K75748 to K99999
1/26/83 to 11/25/83	T01001 to T27540
2/24/84 to 12/5/84	T27541 to T34452
1/9/85 to 2/18/85	T34453 to T36199

\*These serial numbers were supplied by Colt. Colt will provide factory documentation on your Python for \$25. Write to: Colt Historian, Colt Firearms, P.O. Box 1868, Hartford, CT 06101.



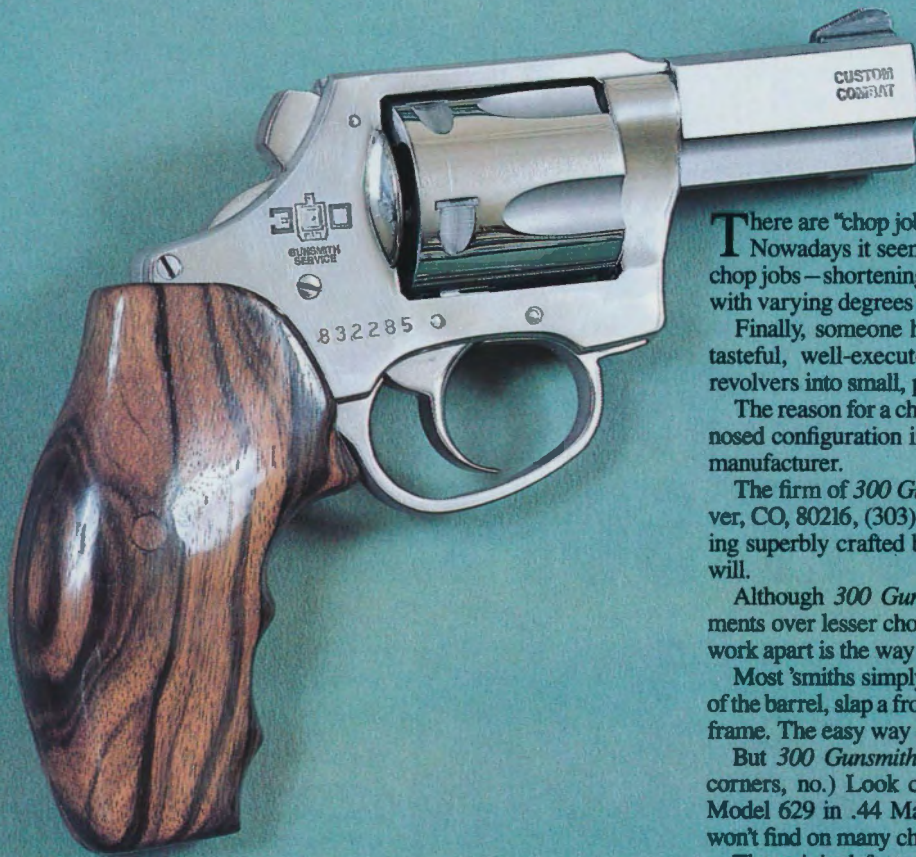
**Author fired the 8-inch Python, but preferred the 6-inch for balance.**



# CHOP JOBS WITH CLASS

By AH Staff

*All you need to chop a wheelgun into a snubby is a hacksaw, right? Wrong! Check out these custom snubbies with class.*



There are "chop jobs," and then there are chop jobs.

Nowadays it seems that anyone with a hacksaw is performing chop jobs—shortening the barrel on revolvers or shrinking autos—with varying degrees of success.

Finally, someone has decided to become dedicated to crafting tasteful, well-executed conversions of big bore double-action revolvers into small, powerful packages.

The reason for a chop job is that a handgunner may prefer a snub nosed configuration in a big bore revolver that is not offered by a manufacturer.

The firm of 300 Gunsmith Service (4655 Washington St., Denver, CO, 80216, (303) 295-2437) has turned its attention to producing superbly crafted big bore snubbies—elegant chop jobs, if you will.

Although 300 Gunsmith Service snubbies sport many refinements over lesser chop jobs, the main characteristic that sets their work apart is the way in which they bob the barrel.

Most 'smiths simply take their hacksaw and whack off the front of the barrel, slap a front sight on what's left and screw it back on the frame. The easy way out.

But 300 Gunsmith Service doesn't cut corners. (Barrels yes, corners, no.) Look carefully at the chopped Smith and Wesson Model 629 in .44 Magnum and you'll notice something that you won't find on many chopped snubbies.

The original factory marking, "Smith and Wesson," is clearly visible, and on the other side of the barrel (not shown) reads the caliber designation, .44 Magnum.

*Continued on page 86*





PHOTO: BRIAN JACKSON

# THE NASTOFF SUPERCOMP

By Jim Weller

**M**uzzle flip is the bane of the practical pistolero. When you're called upon to fire rapidly at multiple targets in tight time limits, it behooves the shooter to perform almost Herculean feats to keep the sights in the 'A' zone lest points be lost.

In the mad race to find an edge over other competitors, the compensated .45 was born. Beginning with the famous Clark Bowling Pin Model, the comp gun has evolved into the many different variations seen today. I have fired many of these since their inception, but



**Note the swaged magazine well.**

there wasn't any particular one that I would point to as standing head and shoulders above the rest. Not until now.

I was on the phone with Steve Nastoff (1057 Laverne Ave., Youngstown, Ohio, 44511) discussing some work that he was doing for me, when he said that he had been working on a project for the past year that was going to raise some eyebrows. He said he was ready to "go public" with it.

Before I could say anything, he asked if I would like to give it a wringing-out and



report on my findings for the *Handgunner*. "I call it Supercomp", he said, "and I think you'll be amazed when you shoot it."

I have fired Nastoff's creations before, and I can testify that his workmanship is excellent. Yet, I admit to having been rather skeptical of this claim, thinking that this was just another variation on an old theme. I was wrong.

The gun used for the test firing was one that Steve himself has been shooting for the past year. He explained that he had only built four of them and the four guns had fired a total of over 100,000 rounds to be sure that everything was just right. This particular one was an example of beauty being more than skin deep, as are all of Nastoff's full-house creations, and exhibited every single extra that he offers in his brochure.

The fit and finish was absolutely flawless, with all checkering being cut by hand. The fit of the compensator to the slide is so close that, when seen from a distance, the appearance is that of a longslide. Even with close examination, one only sees a fine line where the two mate. Each compensator is individually made for each gun, and utilizes a

standard bushing with a Bar-Sto barrel. The rear of the compensator is machined out so the bushing fits inside of it.

I was itching to get to the range, so we loaded up and adjourned to Steve's backyard, where his practice range is located. I had with me a five-inch carry gun built by Dick Heinie, and Steve requested that I go ahead and warm up with some standard drills. When I was going about as fast as I could, we would switch guns.

I ran through a half dozen magazines before the switch was made. Placing the gun in my Davis Phoenix holster, I drew to fire a Mozambique drill (two shots into the center of the target, and one to the upper 'B' zone). I was surprised to find the felt recoil was actually less than most bull barrel PPC revolvers firing a light wadcutter load.

Muzzle flip? What muzzle flip? I've fired .22 pistols that jump worse than this .45!

To make sure that I wasn't hallucinating, I handed the gun to Brian Jackson, a photographer who regularly competes in IPSC with a 9mm. After a couple of shots, he simply turned around and said, "Ordinarily,

*Continued on page 73*

## MEET STEVE NASTOFF

When you enter Steve Nastoff's work area, you don't see a room full of lathes, milling machines, or drill presses. Instead, you enter a small room, tastefully paneled and decorated with Steve's many shooting awards. In the middle of one wall is his Star press complete with all the goodies, and, at the far end, you see a small workbench with a single vise and drawers full of parts and files and other small hand tools.

This is the area from whence come the finest .45's that this author has ever seen. Through our informal bull session, I elicited the finer points brought out by Nastoff himself. I found a very likeable, intense young man who is a superb shot as well as a master pistolsmith.

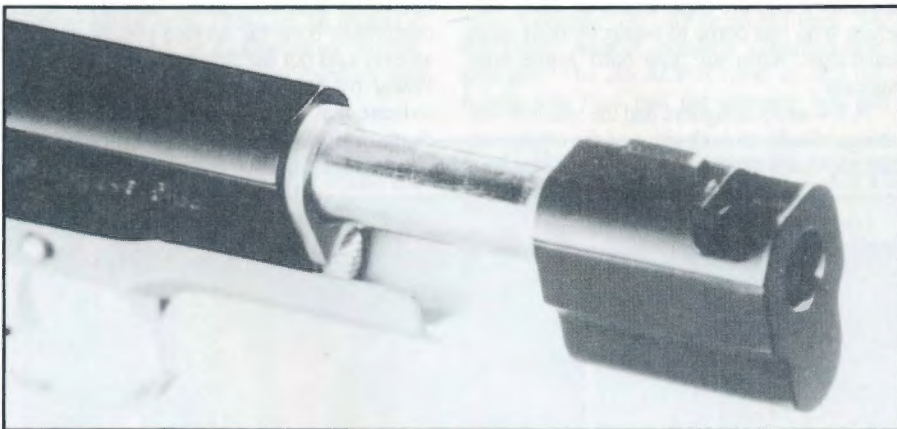
**JW:** *With the current interest in your standard compensator, why the new version?*

**SN:** In the amount of shooting I do, I found myself picking up speed in my firing to the point that I could feel the gun hesitate. It's as if I were reaching the point where I was almost faster than the gun could cycle. John Sayle has noticed it as well. I decided that I needed something that would cycle faster than a standard length gun and hold down the recoil as much as humanly possible.

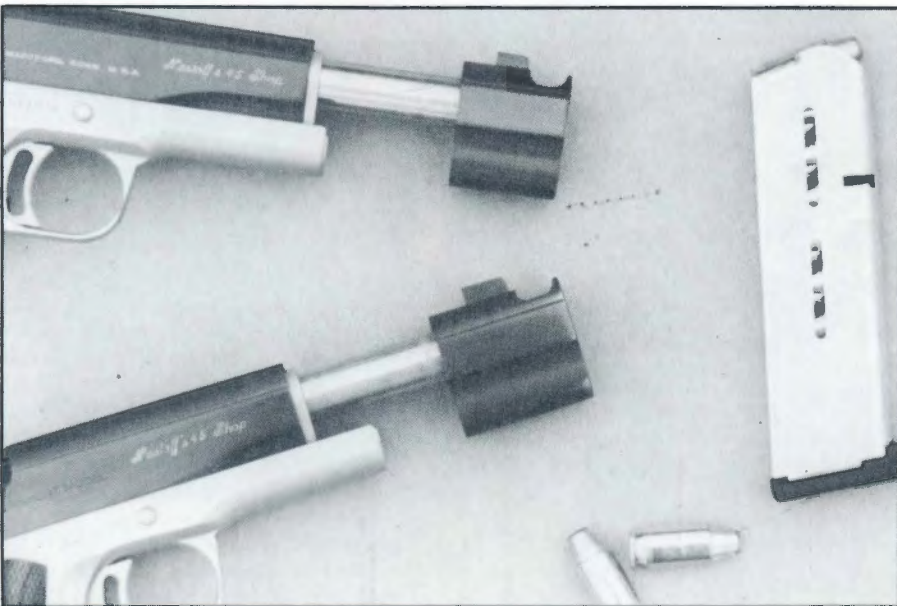
**JW:** *Looking at your old compensator beside the new one, the difference is practically invisible.*

**SN:** The only way you can tell is to use a ruler. The new gun is actually a quarter of an inch shorter than the old one.

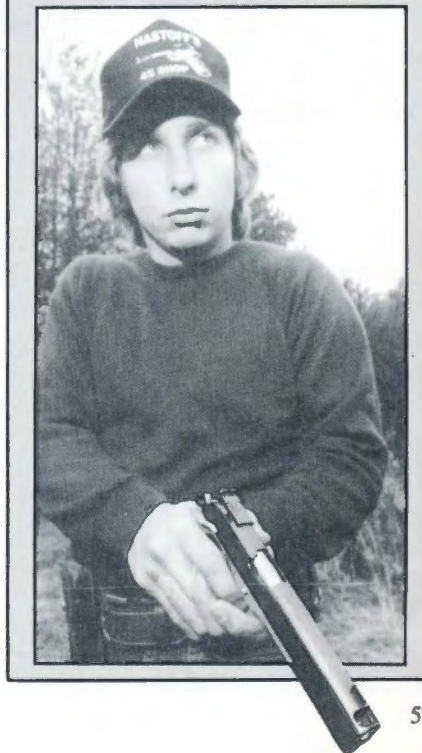
*Continued on page 81*



**Expansion chamber directs gasses out the port to dampen recoil.**



**Nastoff compensator uses barrel bushing, not a sleeve, for lockup.**





# THE

# CENTIMETER

# BORE

*By Whit Collins*

**B**ore diameters of .380" to nearly .410" appeared in automatic pistols as soon as national governments began their swing to modern magazine-loading arms in the late 1890s.

Much knowledge was gained from the transitional blackpowder cartridge arms. By 1900, European munitions designers knew that 12 or more grams of lead, of roughly one centimeter in diameter, would strike a disabling blow at any velocity much over 300 meters per second. This, of course, is very much like Jeff Cooper's perennial rule of thumb: .40-caliber/200 grains/1000 fps, or a Hatcher's Relative Stopping Power rating of 50 to 55 at a bore sectional area of .126".

The steady progress of metallurgy and powder chemistry allowed that level of

power to be delivered by more and more compact firearms by the eve of the First World War. However, 15 years of wrangling between conservative military ("horse-pistol") thinkers and those who placed their faith mainly in high velocity caused views to become polarized between .44/.45 on the one side and .30/.38/9mm on the other.

The .40/10mm described here simply fell through the cracks. At the end of World War I, they were displaced by sheer weight of inventory, and the experiences of many veterans who had come to swear by their issue cartridge. After all, you can't argue with success.

A few arms designers had the vision to see things clearly on both sides of the argument; foremost among these was the genius John

Moses Browning. When a cavalry-power automatic was called for, he made the best: the 1911 Colt .45 ACP.

But, of all men, he knew that war was changing rapidly. Soon men would be going to war aboard trucks instead of horses; soon the soldier's job would involve serving a larger weapon—like Browning's crew-served machine guns; soon men would again wear light armor.

So, right up to the onset of World War I, Browning encouraged the adoption of the centimeter bore for service pistols. He had already laid out the first version of the High Power by 1913. A few scattered references indicate that he continued to do so until his death in 1926. By that time, the French government had ordered a revised High Power,



**Early Mars (Gabbett-Fairfax) auto pistol in 10mm Mars, circa 1905.**



but in 9mm caliber.

No designer ever had a clearer idea of what a magazine pistol is for: *Tactics*—the ability to maneuver and deliver force so as to defend against assailants. In other words, a tool for controlling a hostile environment.

Every form of handgun has been used in combat, but Browning knew that his 9.65mm High Power would solve the greatest number of tactical problems. It combined speed with accuracy and sufficient power to be decisive in combat at ranges up to 50 meters.

The centimeter bore could penetrate light armor, vehicle metal or light cover, and deliver a disabling blow when it landed at any reasonable range. Ballistically, Browning's 9.65mm round would shoot like a 9mm and shock like a .45. He planned to package it in a receiver that offered a wide backstrap to absorb recoil and permit a firm grip for shooting. The actual location of the controls—hammer, trigger, thumb safety, magazine release—are almost identical with those of the .45 ACP. But, by using the 9mm cycle, Browning designed the grip to allow more of the palm to support the pistol. At the same time, smaller-diameter, higher-pressure rounds could be staggered in the enclosed magazine for a bigger payload of disabling hits.

As a tactical caliber, the .40/10mm bore has three advantages. These are all related to inherent efficiency in medium-sized pistols: sectional area, delivered momentum and bore efficiency.

1. *Bore sectional area:* A table of calibers shows that 9mm/.38 bores have sectional areas of .102 sq. inch. The increase between 9mm and 10mm is a full 24 percent increase at .126 sq. inch. To go from .40 to .45 ACP is a similar jump, but one that forces an increase in the cartridge cycle and a lessening of efficiency in the pistol's dimensions at the control loop/magazine column.

2. *Delivered Momentum:* There is a clear indication of .40/10mm efficiency in ratios of delivered momentum. The best 9mm round gives as much as .320 pounds-feet per sec-

***PART TWO: After covering the history of 10mm cartridges (AH July/August '85), we'll take a look at general design factors of the 10mm bore and then a look at the latest 10mm, the 10mm Norma in the Bren Ten.***

ond. A 9mm-cycle .40/10mm delivers .390 lbs.-ft./sec. without straining a 9mm-dimension gun. The .45 ACP is rated at .425 lbs.-ft./sec, less than half the increase between

9mm and 10mm. It should be noted that the 9mm and 10mm loads travel at 1100 fps, while the .45 ACP is given a full 900 fps in the calculation.

3. *Bore Efficiency:* Simply going to the reloading manuals gives us a general idea of the relative bore efficiencies of 9mm, 10mm and .45 ACP tactical pistols.

We already know that a 180 to 200 grain .40-caliber jacketed ball can be driven from a handgun: the .38-40 WCF (10 grains of Unique, at 15,000 units of pressure, will do this in a Colt New Service safely; some people did it for years in Single Actions.) We also already know that the Colt-Browning recoil-operated auto pistols regularly handle up to 33,000 units of pressure, because that's what the .38 Super and some hot 9mm loads generate in the five-inch barrel.

It's a fact that gas pressure works more efficiently on a larger piston than a smaller one, all other things—weight of piston, amount of gas, length of bore—being equal. When Winchester made the .38-40 out of the .44-40 they were taking advantage of the greater bore efficiency of a .40 bore, with the same amount of gases from a 40-grain black powder charge. With all other things equal, the .38-40 (actually .40-40) delivered 85 percent of the .44-40's impact at any range, with trajectory allowing 50 yards more useful range. The bullet was also more penetrating on large game because of its smaller diameter.

Another way of saying it is to point out that

## THE NEWEST CENTIMETER: THE BREN TEN

For many years, the gap between 9mm and .45 pistol bores was politely ignored, much like a faint mustache on the upper lip of an otherwise beautiful woman. After all, each end of the scale was enduringly popular, and major manufacturers saw no need to complicate their lives further.

But we wildcatters don't think that way. Nothing is sacred when the fever to be first with another chambering comes upon us. Sometimes, scratching a ballistic itch even results in a new factory caliber. Although pistol wildcats are still rare, a recent development from Norma has some wildcat ancestors you might find interesting.

The Norma 10mm Auto is of that orphan bore size lying in the .380" to .410" size that may be metrically termed "centimeter bore" in caliber. At .401" diameter it is exactly in the middle ground of an otherwise wildcats-only neighborhood.

Norma itself owes some marketing debt, and perhaps some technical debt, to earlier attempts at 10mms which I had a hand in. It's gratifying to see one's judgment vindicated, at somebody else's expense.

A new handgun of high quality is also available to fire the 10 mm. The first new .40-bore since 1913, the Bren Ten is the

result of consultations between makers Tom Dornaus and Mike Dixon, and pistol authority Jeff Cooper.

Jeff, in turn, aided in devising many of the wildcat 10mm developments covered in this roundup of the long-forgotten, now revived .40/10mm/Centimeter guns.

The Bren itself has aspects of both the Browning P-35 and the Colt 1911, with touches of the French Model 1950 included. Unifying these features of frame and receiver is a double-action trigger ignition system.

Much of the design closely resembles the CZ-75 9mm pistol scaled up, first to

incorporate the larger-diameter casehead, and further beefed up to allow maximum handgun chamber pressures from the .45-cycle 10mm's case capacity.

Tom Dornaus and Mike Dixon displayed a lot of courage to take the risk of introducing an entirely new handgun. Many others have fallen by the wayside over the past decade. Although there had been much interest shown in earlier versions of my .40 Auto, Norma was also taking a risk to introduce a cartridge for which there was only one factory-made gun.

Having been the first person to ever fire a modern .422" casehead 10mm Auto, it was interesting for me to continue the thread with the Bren.

Two handguns were taken off the rack for me, and I fired them during a function test session at the Huntington Beach P.D. range. These were a standard Bren Ten, and a .45 ACP built on the Bren, marked for sale by a large midwestern distributor.

Ballistically, the Norma 10mm is very similar to my .40 Belted Max, noted at 14.6 ft./lbs. recoil energy. Even in the 39-ounce Bren, recoil is brisk, to say the least. To be fair the unusual rifling in the Bren barrel probably takes the bullet more gradually than standard sharp-shoulder rifling, smoothing out the per-

*Continued on page 84*





# GECO® Pistol and Revolver Cartridges



**Accuracy. Reliability. Power. Consistency.** These are the qualities which have made GECO pistol and revolver ammunition a by-word for quality throughout the world. Over the years GECO has earned an unsurpassed reputation among handgun users, both for target and practical shooting, as well as in the vital area of self-defense. Their precise, powerful and uniform function, due in no small part to the benefits produced by the incorporation of the world famous Sinoxid primer, ensures that GECO can meet — and beat — the demands of the most discriminating marksmen.

**Dynamit Nobel**



## PISTOL

.25 Auto 6.35mm 49gr. FJ  
.32 Auto 7.65mm 73gr. FJ  
.380 Auto 9mm short 94gr. FJ  
9mm Luger Parabellum 124gr. FJ  
9mm Police (9mm Ultra) 94gr. FJ  
.45 ACP 231gr. FJ

## REVOLVER

32 S&W Long 100gr. WC  
38 Spec. 158gr. Lead RN  
38 Spec. 148gr. WC  
.357 Mag 158gr. HP

DYNAMIT NOBEL OF AMERICA INC.

105 STONEHURST COURT NORTHVALE, N. J. 07647

9mm is slightly over-bore, needing too much pressure to generate its energy in a standard barrel length. Remember the several models of long-barrelled Luger and how much more efficient they were with 124-gr. German service cartridges.

The .45 ACP is fairly bore-efficient, but its large piston area forces a heavy bullet on the cartridge in standard configuration, thereby increasing cycle length and adding to recoil. New powders would actually allow a short-case .45 ACP to be more efficient, but its breech face, control loop geometry and recoil would not be much changed.

It's the long way around to discuss bore efficiency by example, instead of equations, but hopefully more interesting. In my examination of early centimeter bores, I found that "all the curves met" at the .395" to .410" range of calibers in auto pistol loads.

Experimenting with 9mm-length and .45-length .40/10mms, I've truly seen 9mm-size pistols deliver .45-plus ballistics at 9mm/.38 Super trajectories. Likewise, the .45-length experiments—and now the .45-length Norma 10mm—shoot like stout .45s, but hit like mid-power .41 Magnums.



## CONVERSATION

*Continued from page 36*

would stand behind it and fire from the "gunmount."

I fired a pistol for the first time at the age of nine, a .32 Colt New Police. I fired it single-action, holding on as hard as I could to the gutta-percha grips. I clearly remember the sting of the recoil and the sensation as if the gun had exploded in my hand.

**JW:** *When did you start carrying a gun?*

**MA:** At the age of 13, when I began working in the family store. By that time I had received my first handgun—when I was 11—a Ruger Standard Model. It turned out to be a little heavy for me at the time, so I switched to a Hi-Standard Sentinel, (a 9-shot lightweight revolver) which was really the gun I learned to shoot with.

**JW:** *What kind of gun did you carry and how did you carry it?*

**MA:** A Colt Cobra .38 with a hammer shroud, generally in an inside-the-belt holster. I carried a concealed weapon in the store from the age of 13, which was perfectly legal under that state's law, and at 21 I got my license to carry in public.

**JW:** *As your interest in firearms developed, what books on the subject impressed you?*

**MA:** Bill Jordan's *No Second Place Winner* came out about the time I graduated high school and I was very impressed with it. *Fast and Fancy Revolver Shooting* by Ed McGivern interested me too. The works of Charles Askins impressed me enormously, as did the seminal work of Skeeter Skelton.

And I was enthralled by the writing of Jeff Cooper, whose writing emerged in the mid-50's. His utterly logical explanation of

*Continued on page 65*

## MASSAD F. AYOOB'S "IN THE GRAVEST EXTREME"

IN THE GRAVEST EXTREME

The Role of the  
Firearm in Personal  
Protection



Massad F. Ayoub

**SECOND AMENDMENT FOUNDATION** calls it "Must reading for anyone who keeps a firearm for self defense." "Should be a mandatory purchase for anyone buying a gun." (Shooting Industry Magazine). "One of a kind." (LAW & ORDER). "17 chapters of streetwise information that every gun owner needs. Ayoub pulls no punches!" (GUNS Magazine). "I learned more about use of deadly force from this book than I did in law school." (Practicing attorney)

This book teaches YOU how to use deadly force without being ravaged by a criminal justice system that often seems to favor the lawless over the law-abiding.

**\$7.95**

plus \$1.50 postage and handling

GRAVEST EXTREME P.O. Box 122, Concord, N.H. 03301

Please check one:

☐ Check or Money Order - \$9.45

☐ Charge my MC No. \_\_\_\_\_

Exp. date \_\_\_\_\_

Name \_\_\_\_\_

☐ Charge my VISA No. \_\_\_\_\_

Street \_\_\_\_\_

Exp. date \_\_\_\_\_

City \_\_\_\_\_

Bank on which account is drawn: \_\_\_\_\_

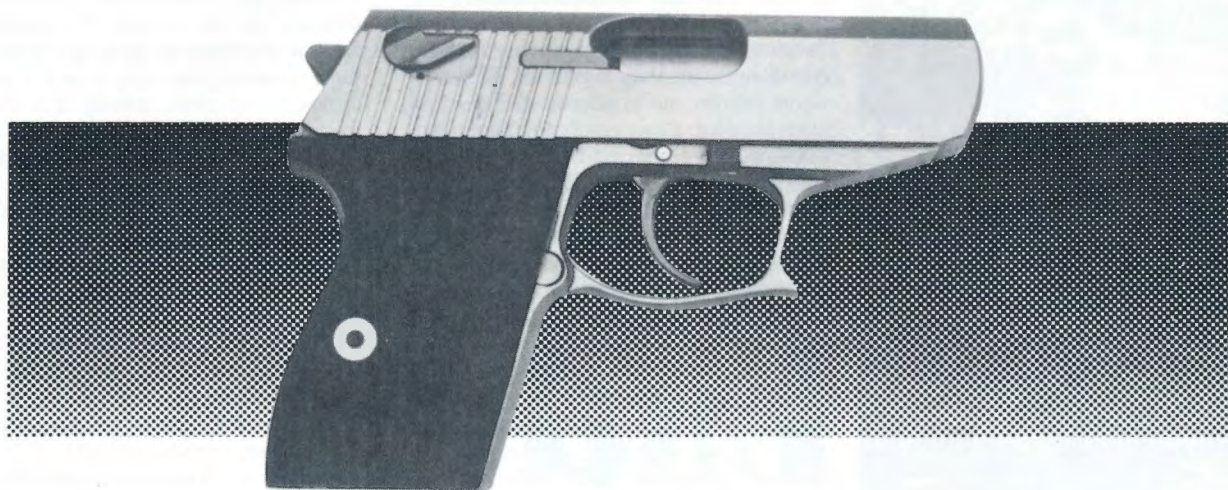
State \_\_\_\_\_

Zip \_\_\_\_\_



# DETONICS

## POCKET NINE



By Bob Murphy

The new Detonics Pocket 9 auto is one of the smallest automatic pistols available in 9mm Parabellum. In shooting tests, the pistol fired over 1,000 rounds without a jam. This excellent double-action stainless steel gun is only 5<sup>7</sup>/<sub>8</sub> inches long, slightly shorter than the Walther PPK. It is a true pocket pistol with some interesting features in its design.

The key to the Pocket 9 design is the use of an annular chamber groove (called 'Chamber Lok' by Detonics) to retard the blowback action. The barrel is not locked to the slide by conventional locking lugs. The barrel is pinned rigidly to the receiver, and does not move. At the moment of discharge, the brass case walls expand into the shallow ring around the circumference of the chamber, resisting the rearward movement of the fired case against the breech block. This delay is intended to allow the bullet to leave the barrel, and the chamber pressure to drop, before the action opens. Variables such as the relative hardness of the brass case could affect the duration of the delayed blowback; but evidently it works.

*An early production test sample shows promise—after some bugs are worked out.*

The Pocket 9 leaves a distinctive signature on its fired brass, with a fat bulge and prominent marks from breech face, extractor and ejector. The case mouth is slightly oval from striking the slide on the way out of the ejection port. There will be no problem identifying Pocket 9 brass found at a crime scene.

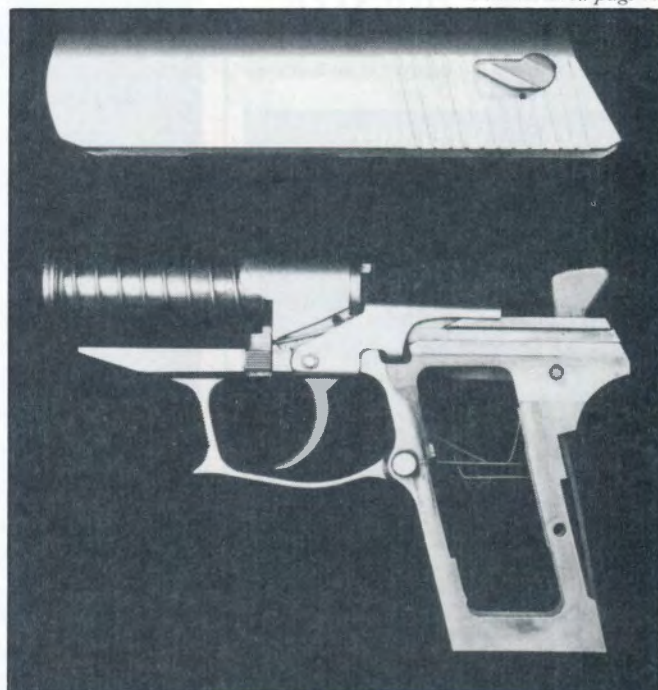
The Pocket 9 uses only one mechanical safety, which is the ambidextrous thumb safety on the slide to retract and lock the firing pin. There is no hammer-lowering device, no grip safety, no magazine disconnect safety, no half-cock, no manual safety to lock the sear or hammer, no trigger-actuated firing pin safety, no loaded-chamber indicator. An early pre-production catalog listing the

Pocket 9 states "full chamber indicator (available)."

The external thumb safety is very small and flat. Although the thumb wipes the safety off in a downward motion like the M1911 Colt, it would be possible to miss the small safety in a hurry.

The pistol may be carried cocked and locked, or hammer down on a loaded chamber (the floating firing pin does not touch the primer).

*Continued on page 73*



**Note slide stop and fixed barrel on Pocket 9.**



Mag-Na-Port® has 10 years in the recoil reducing business and we are still growing. Many imitators have tried to copy our process but consistently fail.



**Magna-port**  
INTERNATIONAL  
(U.S. Patent No. 3808943)

(U.S. Patent No. 3608943)

Despite the fact that the FBI, CIA, Secret Service, the LAPD and other large agencies have made Freedom Arms revolvers part of firearms issue, I am aiming this article directly at the American Woman.

At this point I would like to state that, in the past, my opinion of these tiny Freedom Arms revolvers has been one of humor, vague interest and wonderment. Now that I have handled these revolvers, shot them, examined them and lived with them I have come to realize their potential when fired with modern day .22 Magnum ammunition. This combination has proven to be extremely potent.

## TEST REPORT

*M'Lady has a hard time  
concealing a defense  
gun. Not anymore!*

After working with seven women I have come to the conclusion that with five minutes of instruction the average woman can handle these little Freedom Arms revolvers. Recoil is slight. The noise factor has been brought

*Continued on page 83*

**FROM  
ENGLAND!**



PROBABLY  
THE  
FINEST   
*Handmade*  
SHOULDER  
HOLSTER  
IN THE WORLD

Original Golden Tan Colour

**4 WEEK DELIVERY  
BY AIRMAIL**

USED THE WORLD  
OVER TO GUARD  
ROYALTY, PRESIDENTS  
AND HEADS OF STATE

- ★ HOLSTER HANDCRAFTED FROM SELECTED TOP GRADE ENGLISH SADDLE LEATHER
- ★ FULL GENUINE SUEDE LINING
- ★ ADJUSTABLE SOFT LEATHER HARNESS AND SURGICAL ELASTIC BACK-STRAP
- ★ HAND BLOCKED TO ACTUAL HANDGUNS
- ★ REAR RETENTION LOOP
- ★ CHOICE OF CYLINDER OR REAR SIGHT CUTOUT.

**PRICES:**

**PRICES:**  
 4" Barrels (minimum) \$70.00  
 6"-6 1/2" Barrels \$72.00  
 8"-8 3/4" Barrels \$74.00  
 Please add 10% for AIRMAIL Post  
 and Handling.

**Send \$2.00 for full colour catalogue.**

### RIGHT HAND MODELS

**ONLY.** Sorry, no left hand. When ordering, state **MAKE & MODEL OF WEAPON, CALIBRE, BARREL LENGTH,** whether **CYLINDER** or **REAR SIGHT CUTOUT** preferred.

Send check, M.O. to: HORSESHOE LEATHER PRODUCTS,  
132, ABERFORD ROAD, WOODLESFORD,  
LEEDS LS26 8LG. ENGLAND.

★

## THE ROLLS ROYCE OF SHOULDER HOLSTERS

★





## TEST REPORT

# HORNADY'S PRO-7 PRESS

*This progressive press features a high production rate, reasonable price and traditional Hornady quality.*

**By Mike Barach**

Most of us would much rather be out shooting as opposed to spending long hours at the bench handloading ammo. In years past, progressive reloaders have been both complicated and expensive, putting them out of the reach of the majority of handloaders. But Hornady has finally gotten their production of a progressive press in gear and going full steam ahead.

The Pro-7 has been a long time in coming, but it's definitely been worth the wait.

The Pro-7 is constructed of a sturdy, lightweight alloy in the angled, O-frame design, which has become synonymous with Hornady reloading presses. The Pro-7 features five die stations, the last for taper crimping cases such as the 9mm, .38 Super, .45 ACP and .223. It's not mandatory to use this station, but it's better to have it in case you need it than not have it at all and wish you did.

The new Hornady press uses standard 7/8 x 14 reloading dies making it more versatile in its ability to be changed over to another caliber. If you reload several calibers

this feature makes the press economical as you already have the dies on hand.

While on the subject of economics, I must in all honesty say that if you only own one firearm and don't shoot more than a half-dozen times a year, I question whether or not you really need a progressive reloader such as the Pro-7.

Naturally if you reload large quantities of cases, such as I do, the progressive is what I'd term a luxury. What this means is I can do without it, but it's a whole lot easier to make do with it!

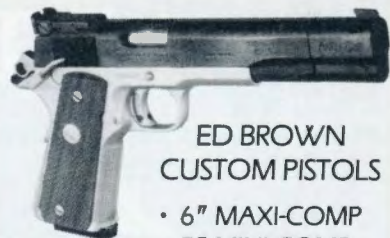
The Pro-7 incorporates a self-indexing shellplate mechanism, so the operator is left with one less step to perform. The shellplate is designed to be replaced instead of changing shellholders. Cases fit into recesses in the shellplate and are held in place by a large coil spring that surrounds the shellplate. The coil spring offers just enough tension to hold the cases in place. The cases may be easily removed or returned to the recesses by the operator if he so chooses.

Powder charges are thrown manually using any good 7/8 x 14 threaded powder measure. A powder measure adapter tube, supplied with the Pro-7, has a gravity operated, floating bushing inside that maintains contact with the case mouth directing powder into the case. I used the Hornady/Pacific Multi Deluxe powder measure on the Pro-7 with excellent results. The measure throws charges consistently using H-4227, H-110, WW-296 and WW-231, but I have as yet to use any of the coarse extruded type powders such as 4350. The majority of powder measures will not handle these powders as accurately. Since the vast majority of my handloading consists of handgun calibers and I normally use the ball or fine extruded powders, I don't concern myself with it.

The automatic primer feed mechanism transfers primers from the primer tube, positioned to the right and as far away from the operator as is practical, to the primer seating punch/retaining cup. An angled strap cams the seating unit laterally where it positions itself underneath the shellplate and case to be primed. This is done by the press with every downstroke of the handle. In the interests of safety, the priming system will not work unless the safety shield is in place. This shield consists of a heavy-wall tube that surrounds the primer tube.

In comparing this priming system with that of another make I believe that the Pro-7 is safer in design as it has the primer unit away from the operator. Then too, the unit is oper-

*Continued on page 78*



ED BROWN  
CUSTOM PISTOLS

- 6" MAXI-COMP
- 5" MINI-COMP
- CARRY GUNS

Send \$1.00 for color poster and price list:

**ED BROWN  
BROWN'S Gun Shop**

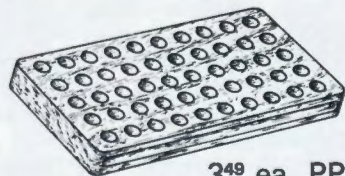
**Route 1, Box 153  
Perry, Mo. 63462**

**Phone (314) 565-3261**

—STALWART™—

WOODEN

## LOADING BLOCKS



3<sup>49</sup> ea. PPD

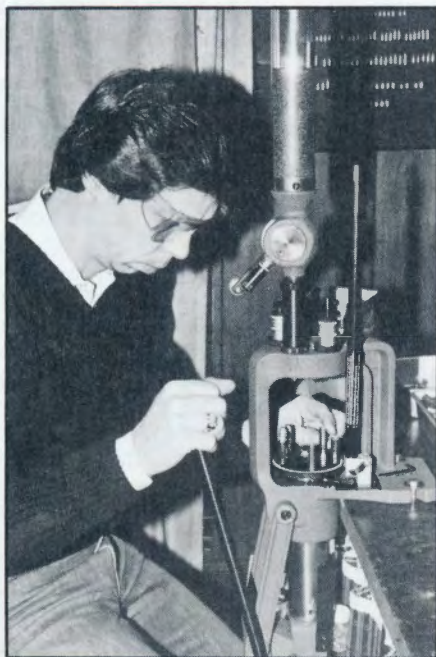
Sizes available for 25ACP through 577 Nitro 4 or more for \$3.25 each. We pay shipping

Order by cartridge or write for size chart

*Satisfaction Guaranteed*

—STALWART CORPORATION—

Box 357 • Pocatello, ID 83204



## GUN HIDEAWAY

End handgun discovery  
Secret drawer nightstand  
Bedside security  
Holds up to 44 Magnum

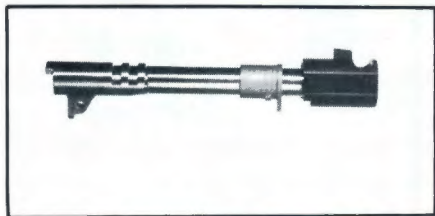


Finely Crafted in  
Poplar, a light colored  
American hardwood.  
Shipped fully assembled  
Ready to use  
\$99.00 + \$6.00 freight.

**WOODWORKS**  
855 Islington  
Portsmouth, N.H.  
03801  
Tel. (603) 436-3805



# WHAT'S NEW



## Compensator Kit

You want a compensator, but you don't want to shell out big bucks. Your solution is the new Wilson Combat Accu-Comp LE-K, a kit form of the Wilson Accu-Comp.

The compensator kit dramatically reduces both muzzle rise and felt recoil by utilizing added barrel weight and venting muzzle blast upwards.

The kit includes a 5¼ inch stainless Wilson Match Grade barrel, Match bushing and compensator. Wilson's Gun Shop recommends that a competent gunsmith install the kit.

The kit is available in .45 ACP for \$250 and in both 9mm and .38 Super for \$275. Include \$3 postage with each kit ordered.

For further information, send \$2.50 to Wilson's Gun Shop, Dept. AH, Rt. 3, Box 211-D, Berryville, Ark. Or call (501) 545-3618.



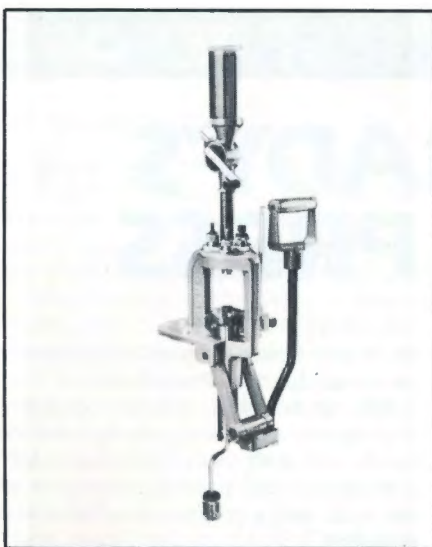
## Rock-Well Magwell

La Rocca Gun Works has an exciting new product for the IPSC shooter that increases the magazine opening by a whopping 300 percent.

The Rock-Well Magwell is a one-piece unit incorporating the mainspring housing (flat or arched) with a flared mag opening. The butt of the gun is extended ¼ of an inch, and the maker says "a bit of weight is added."

Some minor fitting may be necessary if the gun's mag well has been beveled. Installation is the same as replacing the mainspring housing.

The Rock-Well Magwell retails for \$85 from La Rocca Gun Works, Dept. AH, 51 Union Place, Worcester, MA, 01608, (617) 754-2887.



## RCBS 4x4 Reloading Press

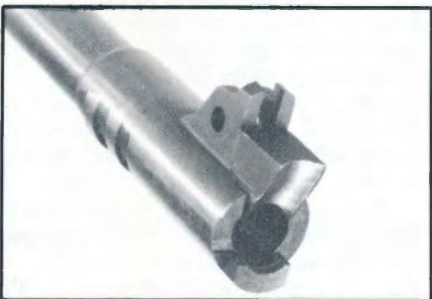
The Good Ol' Boys have done it again! They've introduced a new progressive press capable of cranking out 350-plus rounds per hour.

The four-station rotary press is built around the rugged "O" frame design and accepts standard 7/8"x14 dies. The press takes up little more room on your reloading bench than a Rock Chucker. The 4x4 press takes everything from the diminutive .32 ACP to the awesome .375 H&H Magnum.

The Good Ol' Boys paid attention to keeping the press "user friendly." The 4x4's interchangeable shell plates are easily swapped. The 4x4 is a versatile tool that will increase your reloading efficiency and allow you more time to shoot on the range.

After all, isn't that why we reload?

For more information write to the Good Ol' Boys at Box 856, Dept. AH, Lewiston, ID, 83501.



## Clark .38 Super Barrel

The latest wave in practical shooting is the .38 Super. Top competitors are turning more and more to this light recoiling cartridge. But they pay a price.

The problem with shooting hot .38 Super loads in "normal" barrels is that the web area of the case is unsupported resulting in swollen cases heads and, sometimes, blow-outs with possible dangerous repercussions.

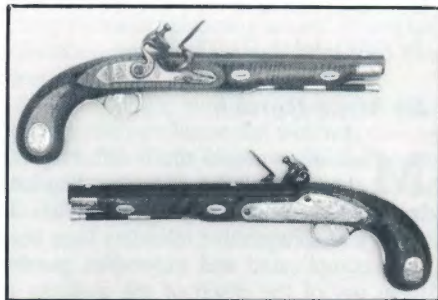
Master pistolsmith Jim Clark, inventor of the Pin Gun, has again demonstrated

his intimate understanding of the automatic pistol by inventing a new loading ramp for his new .38 Super barrels thus eliminating the problem.

The Clark barrel completely supports the entire .38 Super case thereby preventing possible blow-outs. An added benefit is extended brass life due to the lack of a swollen web.

The improved loading ramp also facilitates reliable feeding of the cartridges from the magazine.

The Clark .38 Super barrel sells for \$150, and dealer discounts are available. Write Clark's Gun Shop, Rt. 2, Box 22A, Dept. AH, Keithville, LA, 71047.



## Commemorative Flintlocks

The United States Historical Society commissioned noted artist Jack Woodson to create the unique ornamentation for the Andrew Jackson Commemorative Kentucky pistol.

The Society is issuing 1,500 sterling silver editions and only 100 solid gold pistols. Woodson's ornate glorification of "Old Hickory" includes hand engraved hickory leaves on the lock plate and two original high relief medallions of President Jackson. On the sideplate, Woodson depicts the Battle of New Orleans.

The gold edition sells for \$5,500 and the silver for \$2,100 from the United States Historical Society, Dept. AH, First and Main Streets, Richmond, VA, 23219.

## MYSTERY RELOADING BENCH CONTEST

You can win a mystery prize by sending a snapshot of your reloading bench to the *American Handgunner*.

The prize is a mystery, and so is the contest criteria. No hints! Just send a snapshot with your name and address indicated. The winning pictures will appear in the *Handgunner* shortly.

Send your snapshot (color or black and white) to Handgunner Mystery Contest, P.O. Box 16025, San Diego, CA, 92116



## CONVERSATION

Continued from page 60

the Colt .45 auto was the reason I begged my father for one for Christmas the year I was 12.

**JW:** I understand you have an extensive personal battery.

**MA:** I've trimmed it down considerably. I've got 135 to 140 firearms now, almost all of which are stored in safe deposit boxes or dynamite magazines at any given time. There's the working battery, the range guns I keep on hand to lend students when their weapons malfunction. What I teach with will depend on the course. I've taught with everything from a .38 and a 9mm to a .45 and .357. Typically, I'll carry one and my assistant will carry the other, so if my assistant is a revolver man, I'll carry a Colt .45 auto. More likely, my assistant will be an automatic man so I'll carry a revolver.

Today my 'teaching' revolver is a Maryland Gun Works .357 built on a Ruger Security Six that I won when I took high Three Gun at the 1981 National Marksman Sports Society New England Regional Championships. It has a Douglas Barrel with a 1 in 14 inch twist and an 11 degree crown, Millett sights, and a beautiful action by Lou Ciamillo. The whole gun is Metaloyed and has neoprene grips.

**JW:** Do you keep any "investment" guns?

**MA:** I find guns to be excellent investments quite apart from their intrinsic value, and I have several unusual guns, including one of six special-run round-butt Colt Official Police two-inch revolvers that were made for a state police department in 1941.

My wife Dorothy collects snub-nose Colt revolvers and has a representative collection which includes various period Colt Agents and Detective Specials.

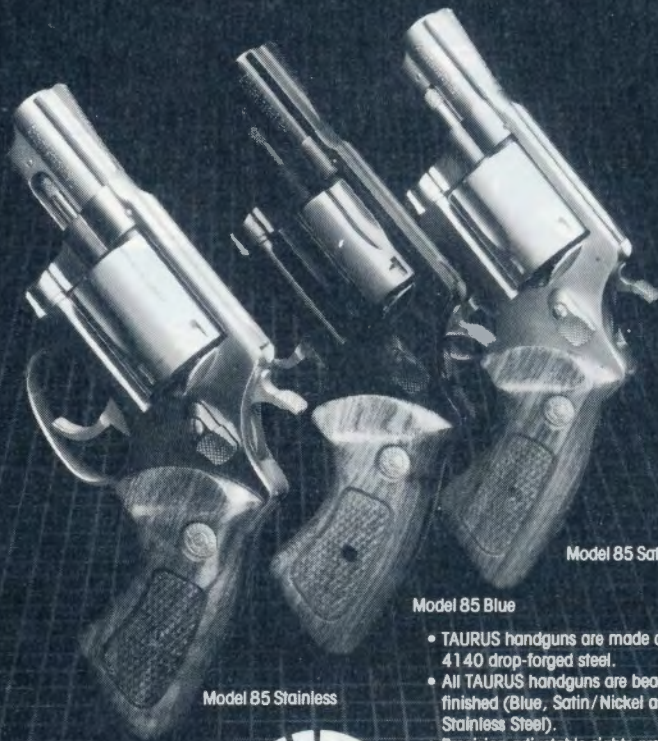
**JW:** What gun or guns do you carry regularly?

**MA:** It depends on what I'm doing. I'm an active part-time police officer with the rank of Lieutenant in charge of training and crime prevention with the community of Deerfield, New Hampshire. When I'm breaking in a young officer as an FTO (field training officer), I carry a Smith & Wesson Model 66 that's been highly modified by Andy Cannon. It has an excellent street action. In fact I shot it at Bianchi Cup in 1982 just for the heck of it—and with the Magna Trigger safety conversion. This is also the gun I keep beside my bed.

When I'm on patrol by myself, I normally carry a Colt National Match .45 originally tuned by the Air Force Marksmanship Training Unit circa 1960 and combat-tuned by Nolan Santy in New Hampshire.

For off-duty, depending on the weather, I'll carry a five-inch Colt .45 automatic or a four-inch .357 Magnum revolver. Under special circumstances, like when I'm in New York City and have reason to carry legally, I carry a blue steel four-inch Smith & Wesson Model 13. I typically carry a second weapon when in uniform, usually a Colt Detective Special or Agent.

# LIFETIME



Model 85 Satin Nickel

Model 85 Blue

Model 85 Stainless

Who is the only manufacturer with such high quality standards, that it can offer to repair its firearms for life? If you guessed any company other than TAURUS, you guessed wrong. We feel TAURUS is the finest value, dollar for dollar, in the firearms industry today.



TAURUS INTERNATIONAL  
FIREARMS

4563 S.W. 71ST AVE • MIAMI, FL 33155

- TAURUS handguns are made of 4140 drop-forged steel.
- All TAURUS handguns are beautifully finished (Blue, Satin/Nickel and Stainless Steel).
- Precision adjustable sights are available on most models.
- The exclusive TAURUS LIFETIME REPAIR POLICY.
- A comprehensive selection of styles and calibers (.22 LR, .32 Long, .38 Sp., .357 Mag, and 9MM).
- Handsome high-quality walnut grips are standard.
- Highly competitive pricing.

We are changing the way you think about firearms.

## Alessi CONCEALMENT HOLSTERS

You'll never know it's there...until you need it...

ALESSI CONCEALMENT HOLSTERS  
2465 NIAGARA FALLS BLVD.  
TONAWANDA, N.Y. 14150  
TEL: 716-691-5615



"Pull-thru"  
snap system,  
fast, secure

Steel "D" Ring

2" Leather-backed Velcro®  
adjustment band

All-leather  
construction

1/4" Dense felt backing  
to prevent movement  
and displace moisture

Hand "boned"  
fit to  
individual weapon

\$39.00  
+ \$3.00  
shipping

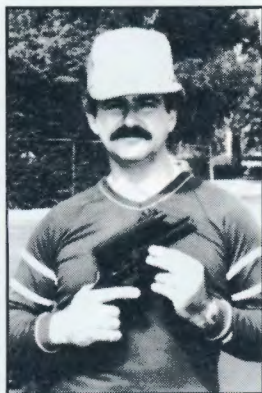
\*AVAILABLE IN OPEN TOP FOR HAMMERLESS FIREARMS.

N.Y. State residents include 8% tax • Send \$3.00 for current catalog • Dealer inquiries invited



# ACCURACY-DEPENDABILITY-QUALITY

"Jarvis guns are the most consistently accurate guns I've shot". —John Pride

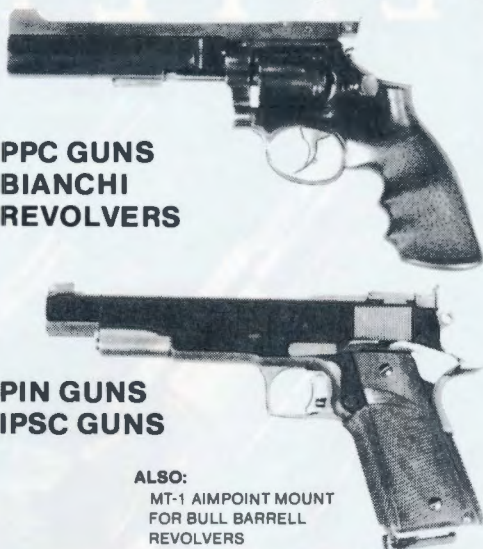


HOLDER OF CALIFORNIA  
STATE "1500" MATCH RECORD  
1498-116X

- PPC GUNS
- BIANCHI  
REVOLVERS

- PIN GUNS
- IPSC GUNS

ALSO:  
MT-1 AIMPOINT MOUNT  
FOR BULL BARRELL  
REVOLVERS



JARVIS GUNSMITHING/4418 LARKSTONE CR./ORANGE, CA 92669/(714)771-1412  
SEND \$1 FOR PICTURE CATALOGUE

## SSK

### MOOSE, MICE & COMPETITION GUNS

SSK Industries offers exceptional services and products which include 41 AVENGER conversion kits for the 1911 Colt, Match Grade replacement barrels for the 1911 in various calibers, CUSTOM CONTENDER barrels in over 75 calibers including the 375 JDJ and 45-70, XP-100 competition and hunting conversions, custom T'SOB scope mounts that stay on handguns in either shorty or full length vent rib configuration, ARRESTOR muzzle brakes, heavy weight bullet molds, SSK SILHOUETTES, incredibly tough rubber targets, RECHAMBERING and many other services for discriminating handgunners. We want and appreciate your business. Two stamps for information.

#### SSK INDUSTRIES

Route 1A, Della Drive, Bloomingdale, OH 43910  
A/C 614-264-0176

**JW:** What about competition guns?

**MA:** The gun I set two of my three national records with was a Heckler & Koch P9S Sport Target in 9mm. I set two NMSS records with it when I was shooting in civilian class during a two-year break from law enforcement. I've shot the 9mm three of my six times at Bianchi Cup. I'm one of ten people who've shot all six Bianchi Cups. My Second Chance gun is also a P9S Target .45 with a KingPin compensator by John Lawson of Tacoma, Washington.

My primary competition revolver today, although I'm retired from PPC, is a Power Custom built on a Smith & Wesson Model 15 by Ron Power of Independence, Missouri. That was the gun I used to fire the first shot at the first Bianchi Cup, the round that Richard Nichols of Bianchi calls the "shot heard 'round the world."

And I still have the first "Ayoob Special" that John Lawson made for me. It is a Combat Commander with a five-inch barrel cut to fit the Commander slide. It's a little known fact that they don't interchange because the lugs are different and you'll destroy it within a hundred rounds if it's not re-cut. I had the exposed 3/4 inch of barrel Magna-Ported. The result is the equivalent of a Browning Hi-Power's recoil with the full ballistic output of a .45. I won a number of IPSC matches with it. It's also a very "street valid" pistol as well—certainly not a "Star Wars" gun.

**JW:** When and where did you begin shooting in competition?

**MA:** When I was in college, at the age of 19, at the Wilson Hill Pistol Club in Manchester, New Hampshire.

I left bullseye in 1973 after I had discovered PPC shooting. To be eligible for PPC I joined a police department as a part-time officer and was told, "You must understand, you'll have to work—we're not just giving you a badge so you can win trophies." The first night I was out in a patrol car I thought, "Where has this been all of my life?" The bug had bitten me.

**JW:** You mentioned that your wife collects guns. Does she shoot them, too?

**MA:** Dorothy shot for a couple of years as a member of the Wilson Hill Pistol Team in Manchester, New Hampshire, both on the all-girl team and on a mixed team, and won awards. She's an excellent pistol shot, and I'm convinced she'd be a strong contestant for high woman at Second Chance. She's very good with a .45 because she's tall and athletic and has no fear of the gun whatsoever. Unfortunately, she was also a champion bowler, and the constant bowling gave her a case of tennis elbow which makes pistol shooting uncomfortable now. But she has a CCW and routinely carries a weapon—either a Beblert Mini Custom Smith & Wesson Model 39 or a Colt Detective Special that was fine tuned by the Colt Custom Shop.

**JW:** How did you break into writing?

**MA:** I had about decided to quit my job as Assistant Treasurer for the New Hampshire Department of Employment Security and become a full-time officer. At about the same time I had begun freelancing articles for gun



**NOW AVAILABLE! Redhawk® MONOGRIP®**

MONOGRIPS® also made for

- S & W: Sq. & Rd. Butt K, L & N; Rd. Butt J
- COLT PYTHON (I Frame)
- RUGER: Security Six\*, Police Service Six\*, Speed Six\*

\* (Post 1976 serial numbers 151 and above)

**HOGUE® COMBAT GRIPS**  
P.O. Box 2038  
Dept. AHRH  
Atascadero, CA 93423

**\$18.95** Add \$1.00 for Ivory White Color.  
Check or money order plus \$2.00 postage & handling (California residents add 6% sales tax). Specify model.

Call (805) 466-6266  
Open 9-5 P.S.T.  
Brochure available for \$1.00

S&W "J" Shown Here

\* 100% reinforced Nylon—No cheap plastics.

VISA MasterCard



magazines and police journals. I had been an avid reader of gun articles and said to myself, "I can write better than that," as every gun writer said before he wrote his first article.

Some of my articles had come to the attention of an East Coast publishing group that was doing a series of regional police professional journals. They wanted someone who knew law enforcement and could also write. They made me an offer at about what my chief of police was making at that time, and said the assignment would be to spend half my time travelling the country studying the latest approaches to police problems, with an emphasis on what was to become known as "officer survival," and spend the other half of my time writing about it. I agonized over the offer for about a second before I said yes. For the next eight years I was a full-time police researcher/writer, the equivalent of a police department research and development officer.

I published *In the Gravest Extreme* in 1980. I had read about everything I could find to read about the subject and the thing that struck me was that it was all pure gunfighting—here's *how* to do it. But nobody ever said "Here's *when* to do it, here are the basic rules of discretion and common sense when carrying concealed in public." Everything on gunfighting was either uniformed military, uniformed police or western gunfighters. Recognizing the need, I began the research in law libraries on what was to become *In the Gravest Extreme*.

**JW:** When did you begin teaching lethal threat management?

**MA:** During the period I was a fully-sworn, part-time police officer with a municipal department in New Hampshire. I left that department in 1980 and in 1981 I taught my first course at Chapman Academy. The course became known as the "Armed Citizen Program." Ray was impressed with it and suggested I start doing it on my own. I had also become Director of Police Firearms Training for the Defensive Tactics Institute when I left the job with the police magazine group. In October of '81 I opened Lethal Force Institute, expecting to do perhaps a course a month to flesh out my writing. LFI became the tail that wagged the dog. The demand for the training was enormous, and today it takes up more than half my time.

**JW:** Do you have any interests unrelated to guns?

**MA:** Raising my family. I very seldom hunt anymore but I used to live to hunt. Now I hunt primarily with a camera. I like to take my daughter out in the woods in the off season with my camera equipped with a telephoto lens and binoculars and show her the animals.

**JW:** Why did you stop hunting?

**MA:** I simply don't have the time. I see nothing unethical about it—to eat meat as I do and take the position that it's unethical to hunt is like saying, "I cannot murder a man but I can pay someone else to do it."

Indeed, it's more moral to swiftly kill an animal with a high-velocity rifle bullet than cutting its throat and allowing it to hemor-

# The BEST 20 lb. furnace buy today

*Lyman's Mag 20 has more features;  
costs much less, too.*



Compare price, features, quality and capacity before you buy a casting furnace of any size. Our Mag 20 has a lot to offer.

See your dealer today.  
Write for your free Lyman catalog.

Lyman Products Corporation  
Dept. AH 2095, Route 147  
Middlefield, CT 06455



## LOAD UP ON MAGNUM SAVINGS!

Like standard water-keel mallard duck decoys for only **\$20.97** a dozen.

One of thousands of super savings on everything you need for fall in our free '85 Fall Sale Catalog.

Bows, arrows, reloading supplies, scopes, calls, clothing, boats, decoys and more — at unbeatable prices.

Let us rush you your free copy today!

Clip & mail to:  
Bass Pro Shops®, Box 4046, Dept. A709,  
Springfield, MO 65808-4046

Credit Card #

Expiration Date

- ☐ Yes! Rush me the FREE Fall Catalog.  
☐ Send me my copy of the 1985 Master Catalog. I've enclosed \$2.00. I will also receive a \$2.00 merchandise certificate.  
☐ Charge my ☐ VISA or ☐ Mastercard

Name

Address

City  State  Zip



# OFFICIAL TIMER

Pro Timer II - Official Timer for:

1984/85 Steel Challenge

1984 IPSC Canadian Nationals

1984 IPSC US Nationals

## WHY DO THESE MAJOR MATCHES RELY ON THE PRO TIMER II?

- Rugged and reliable — Pro Timer II's can be counted on to operate under match conditions without missing a beat.
- Light weight and convenient size — at 16 oz. and 5-1/4" x 4" x 2" the Pro Timer II can be clipped to your belt and worn comfortably.
- Simple to use — basic modes of operation require only to turn on and use.
- Three modes of operation — shot sensing, stop plate and par time. The time to each shot, shot no. and time between shots may be reviewed in each mode.
- Alternate power source — the provided 9v rechargeable battery can be replaced with a 9v alkaline.
- Low cost — at \$274.94 the Pro Timer II is truly an outstanding value.

**ORDER IT TODAY: CALL US TOLL FREE.** We accept Visa or Mastercard. Send certified check or money order by mail. Add \$4.00 S&H. IL. residents add 6% sales tax. Contact your local dealer.

**Competition  
Electronics, Inc.**

753 Candy Lane, Rockford, IL 61111  
CALL TOLL FREE 1-(800) 222-3845  
Illinois residents (815) 877-3322



# WE MEAN BUSINESS

TANARMI TA90 Pistol Suggested Retail \$299.99

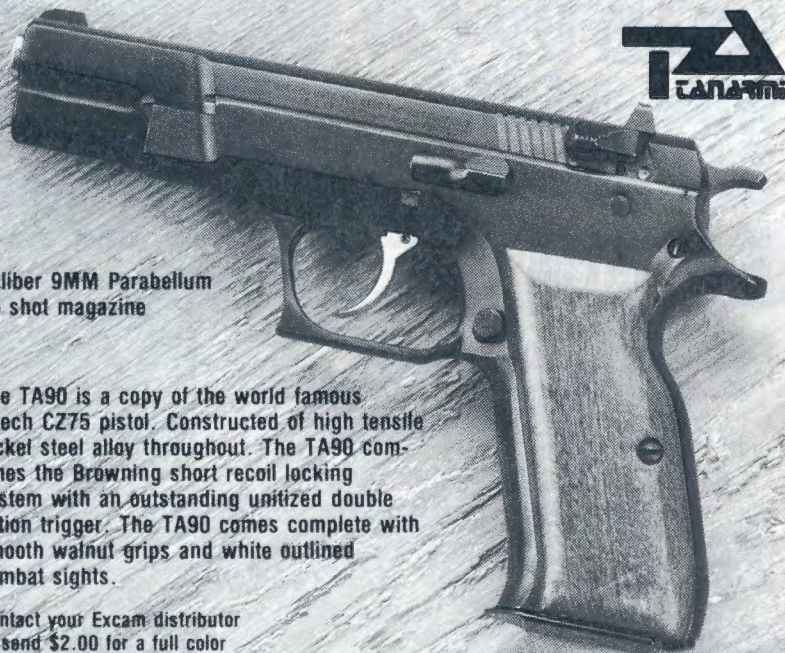
Caliber 9MM Parabellum  
15 shot magazine

The TA90 is a copy of the world famous Czech CZ75 pistol. Constructed of high tensile nickel steel alloy throughout. The TA90 combines the Browning short recoil locking system with an outstanding unitized double action trigger. The TA90 comes complete with smooth walnut grips and white outlined combat sights.

Contact your Excam distributor  
or send \$2.00 for a full color  
catalog to:

**EXCAM**

4480 East 11th Avenue - Hialeah, Florida 33013



rhage to death on the floor of the abattoir. My animals at least have a chance of eluding me, which is not true of the animals who die in the slaughterhouse.

**JW:** Are there any new projects on your immediate horizon?

**MA:** I've begun to burn out with the training schedule. The demand has grown to the point where it's more than I can fill without being on the road 100 percent of the time, so I'm considering taking a hand-picked cadre of four or five of the assistant instructors I use around the country and having them run the LFI courses for civilians, with very heavy video support from me. We've already gone to an all-video format in place of some of the slides and audio tapes that we were previously using.

The teaching has also kept me away to a great degree from my own research and writing. Books in process now include, *The Dark Place: Studies in Fear Control*, and books on post-violent event trauma and advanced combat shotgun.

I've also been toying with a series called *The Ayooob Files*, in which I would present case histories of the most exciting and instructive of the hundreds of gunfights I've analyzed over the years. I have not seen since the writings of Charles Askins a book purely on gunfights and how they went down. Askins' book covered the period from the 1880s to the 1930s. The things we're dealing with today in terms of felons on drugs, highly drilled terrorist units, etc., have never been explored, and it would just be a matter of transcribing from my files.

Finally, LFI has just scheduled for June '85 our first all women's course. I'll have certified female instructors, at least one of whom has already been in a deadly force encounter. I'll go in and explain just the judicious use of deadly force parts and be available to answer questions. Simultaneously, because I expect many of the women will be coming with husbands and boyfriends, we'll have a separate Chapman intermediate course taught by Ray Chapman himself. Women have been altogether too neglected in the field of firearms training. Many of the techniques, guns and holsters that work for men don't work for women. I'll be fascinated to see what comes out of an all women's course taught primarily by highly qualified female instructors.



## GLOCK PISTOL

Continued from page 40

The first impressions remain—thoughts of how 'plain Jane' the pistol was, yet businesslike, the light weight, comfortable grip—and the PLASTIC frame. Not a plastic coated frame, I emphasize, but solid plastic.

Was it junk, or would it shoot? I rapidly made arrangements to obtain a Glock 17 for testing, and I share my experiences of the pistol with you in this review.

In the period before the test pistol arrived, I had a chance to learn more about the Glock pistol. I was told that it had recently been



adopted by the Austrian army as their service pistol, with 25,000 units being ordered from the manufacturer, Messrs. Glock of Deutsch Wagram, Austria. Apparently Glock is a fairly small firm with 35 years experience in the field of molded plastics. The Glock 17 took 18 months from design to the production stage, but before development began, Glock sought the opinions of military and civilian combat handgunners to ascertain what they felt was required from a handgun for self-defense.

Glock incorporated their ideas and the Glock 17 is the result. The two items of particular interest to serious students and users of combat handguns are the extensive use of plastics, and safe but super-fast trigger mechanism.

We were pleased to renew our acquaintance with the Glock when the test piece arrived. It wasn't brand new, having just been returned from evaluation by the DII section of the Metropolitan Police. We were told that it had digested at least 1200 rounds of hot RG Mk.2Z ammunition before it was delivered to us.

My personal preferences in firearms have fallen into line with a liking for blued steel and well-figured wood, so the radical use of plastics in the Glock gave our sensibilities quite a bashing. Nevertheless, plastic does have a number of prima facie advantages in the areas of reduced manufacturing costs, corrosion resistance, comfort to touch in climatic extremes, and low weight.

The light weight of the Glock 17 is immediately noticeable when the pistol is handled. Although quite a large pistol, it weighs in at only 23 ounces including magazine. The grip is well designed, and was deemed comfortable by many different shooters who had varied hand sizes. The grip area is lightly stippled to assist a firm hold, but it is our opinion that this should be coarser, bearing in mind that the Glock is a combat pistol.

Field stripping the Glock 17 is simplicity itself—first, remove the magazine and ensure that the gun is empty. Then pull the trigger all the way through its travel so it will stay in its rearmost position. Pull back the slide about an eighth of an inch, press down the two dismantling catches which can be seen located in the frame just above the trigger guard, and then the slide can be removed forwards off the frame. The barrel, full length recoil spring guide and recoil spring can then be removed as normal. It takes longer to tell how than it does to do it.

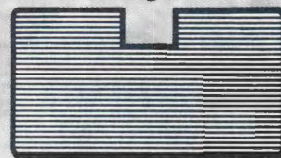
That's about as far as the normal owner should take down his pistol, but the makers say that the Glock has been designed to be taken down with nought but a nail or similar tool, and that replacement parts can be fitted without gunsmithing—useful in out of the way places. Including the magazine, there are 32 parts to the Glock 17.

With the slide removed the four steel bearing runners and the locking cam, which are molded into the frame can be clearly seen. The frame is actually quite flexible, but this probably contributes to the relatively good slide-to-frame fit that our test pistol exhibited, bearing in mind that our gun wasn't new.

## NEW Marksman Speed Combo

Millett Sights proudly introduces the "Marksman Speed Combo." A very special high visibility sight system engineered to meet the challenge of today's practical shooting competitions.

The Marksman Speed Combo features a large .410 target rear blade with an extra deep notch—.100d x .125w, for fast sighting. The blade is all black with Millett's positive light deflection serrations. The blaze orange bar front sight contrasts sharply against the background and is very easy



For:  
**Colt Government & Commander** ..... \$59.95  
**Colt Gold Cup** ..... \$54.95  
**Custom Combat Low Profile** ..... \$59.95  
 (Installation requires machining)  
 Rear blades & front sights available separately.

to pickup. (Optional white bar & serrated ramp front available.)

Get the competitive edge with the Marksman Speed Combo and watch your accuracy & shooting time improve.

See your local dealer or send \$1. U.S. (\$3. foreign) for complete Catalog.

**COLT GOVERNMENT & COMMANDER • GOLD CUP • CUSTOM COMBAT LOW PROFILE**

# Millett Sights™

16131 GOTHARD ST., HUNTINGTON BEACH, CA 92647

(714) 842-5575

## Browning Hi-Power Magazine Bumper Pads



SUGGESTED  
RETAIL PRICE  
**\$14<sup>00</sup>**

Easily installed, these synthetic black rubber bumper pads slide onto the magazine and replace the original floorplate.

Virtually indestructible, these bumper pads will not chip, break or crack and will provide years of useful service.



# Pachmayr®

1220 South Grand Avenue Los Angeles, CA 90015  
 (213) 748-7271 / Outside of California 1-800-423-9704

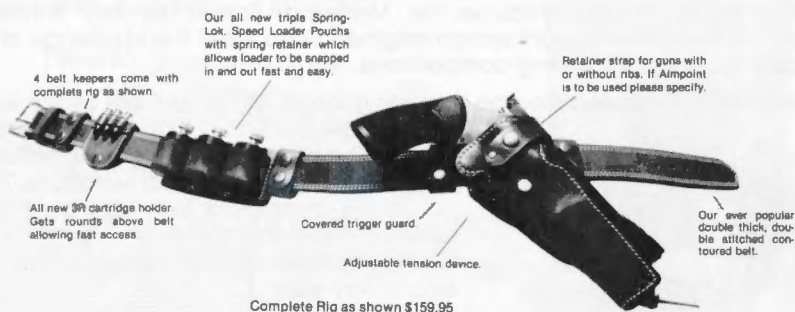
See your  
dealer  
today!  
 If he's out of  
stock, write or  
call Pachmayr



## TED BLOCKER'S CUSTOM HOLSTERS

MEETING THE DEMANDS OF SERIOUS COMPETITORS.

**FINALLY** A complete rig designed especially for PPC competition

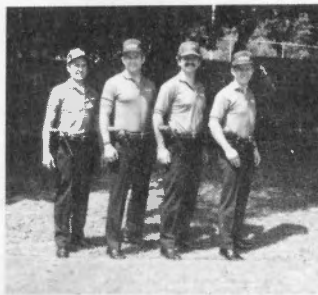


This holster is made of top grain 7oz. leather and is lined with 18 gauge steel. It also features an open front design with metal and steel wrapped around cylinder to the frame with the opening in front large enough for the barrel to pass through, allowing the forward motion of the draw as soon as the gun is raised high enough to clear cylinder. The design of this holster allows the use of guns with the popular Aimpoint, Bull Barrels and Ribs. It is available for the S&W K-Frame, L-Frame and N-Frame, and also the Colt Python with 5" and 6" Barrels and others on special request.

### ORDERING INSTRUCTIONS

Please include exact waist measurement, gun make and model. Barrel length and all other modifications. California residents add 8 1/4% sales tax. All orders must add 5% for shipping and handling. Send check or money order. Mastercard, Visa, or American Express are welcomed. Please include card number and expiration date.

**Ted Blocker's Custom Holsters**  
P.O. Box 821  
Rosemead, California 91770  
(818) 442-5772



Here's what the L.A.P.D. P.P.C. Pistol Team of Chris Kaufmann, John Pride, J.P. Nelson and Fred Romero say about our new P.P.C. Rig. "It's been a long time coming and worth the wait. This Rig is the ultimate for P.P.C. competition." This Rig was designed by Ted Blocker for this Pistol Team to use in the Prestigious 1983 Bianchi Cup of which they took top honors as a team.

With the gun broken down it will be noted that the recoil spring guide is plastic, as is most of the magazine, and that the barrel has H&K-like rifling.

Once the barrel and recoil spring assembly have been replaced in the slide, it's run back along the frame until the trigger springs forward. The gun is then reassembled. No locking levers have to be turned, this is done automatically.

While the plastic frame is what first grabs the attention of the handgunner new to the Glock, it's the safety and firing mechanisms which actually make it interesting to the combat shooter.

The first hint that there's something different about the Glock comes as one realizes that apart from the slide latch (which, incidentally, falls easily under the thumb) the Glock is devoid of external safety levers and catches. This is because all the safeties are built into the firing system. In fact, in its proper carry mode, with a round in the chamber, the Glock 17 is in Condition Half—that is, half cocked and locked.

The whole concept is best understood if we run through the firing sequence. The Glock 17 is truly hammerless, being striker fired. As the slide goes into battery, chambering a round, the sear engages the striker and moves it to the half cocked position. (The gun is now in Condition Half.) As the finger engages the trigger it touches a small secondary trigger set into the face of the main trigger, which releases a trigger lock. As the trigger is pulled through its first stage of around .2 inches, it does two things. First, it releases a firing pin lock, and then it fully cocks the striker. The effort required to pull the trigger through this first stage is very slight like the first stage of a two-stage rifle trigger, as it's actually assisted by the trigger spring.

At this stage the trigger comes up against a firm stop or second stage, and between four and five pounds of pressure are required to fire the pistol. There's about 1/10 of an inch of travel, and then some overtravel after the trigger breaks. This certainly doesn't amount to the best trigger pull in the world but it certainly isn't any worse than many other service-type pistols we've tried.

So what does all this amount to? Just about the simplest and quickest pistol we've ever tried. The only conscious actions after threat evaluation are target acquisition, draw, sight picture—fire. Assuming you've loaded one in the chamber and a full mag, there are seventeen more shots after the first—surely enough to deal with most encounters.

So the Glock 17 combines the best of SA and DA semi-autos giving instant readiness without fumbling for safeties, but with an acceptable trigger pull. In action from the leather, the Glock trigger feels only like a long 'roll over' single action. None of our shooters of varied experience commented adversely on it, and more importantly there was none of the 'first shot pulled off' experienced with many DA semi-autos.

To reassure the cautious, the Glock 17 is safe in the 'half cocked and locked' position

## MASSAD F. AYOOB'S "STRESSFIRE"

**Stressfire**



Volume 1 of  
*Gunfighting for Police:  
Advanced Tactics and Techniques*

by Massad F. Ayoub  
with foreword by Ray Chapman

At last! The first volume of Massad Ayoub's long awaited series on "Gunfighting for Police: Advanced Tactics and Techniques."

"STRESSFIRE" is the result of Ayoub's years of research about what **actually happens** in gunfights.

Learn how stress and adrenalin affect the mind and body, ruining conventional shooting techniques under pressure ... and how new techniques actually feed off that pressure to make you perform better under stress!

**\$9.95**

plus \$1.50 postage and handling

**POLICE BOOKSHELF** P.O. Box 122, Concord, N.H. 03301

Please check one:

☐ Check or Money Order—\$11.45

☐ Charge my MC No. \_\_\_\_\_

Exp. date \_\_\_\_\_

☐ Charge my VISA No. \_\_\_\_\_

Exp. date \_\_\_\_\_

Bank on which account is drawn: \_\_\_\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_



**Diamond-J-Outfitters**  
 Joe Stuenkel  
 Deer Elk  
 Sheep Antelope  
 Bear Mt. Lion  
 Moose  
 Box 1347  
 (307) 326-8259  
 Saratoga, Wyoming  
 82331  
 Rifle Bow  
 Handgun  
 Muzzleloader

**FULL-AUTO RUGER 10-22**  
 Conversion plans, Mtrls. Incl., Complete in 1-hour, Simple and Reliable,  
 \$10, E. Sweat, 612 E. LaPlata St., Farmington, N.M. 87401.

**SUBSCRIBE TO  
 AMERICAN  
 HANDGUNNER**

**DON JUDD 45 ACCURACY JOBS**  
 DONALD K. JUDD, INC.  
 TARGET/COMBAT PISTOLSMITHING THE 45 ACP  
 GUARANTEED ACCURACY AND PERFORMANCE  
 COLT . . . S&W . . . RUGER  
 LONG SASE FOR DESCRIPTIVE PRICE LIST  
 P.O. BOX 50366 915-694-1766  
 MIDLAND, TEXAS 79710 NRA LIFE MEMBER

**BEWARE THE MAN  
 WHO ONLY OWNS  
 ONE GUN—  
 ODDS ARE HE CAN  
 USE IT VERY WELL.  
 THE BEGINNER  
 SHOULD HEED  
 THIS ADVICE.**

Read why in the '85  
**HANDGUNNER ANNUAL.**

**ON SALE NOW!**

See Page 93 For Ordering Instructions

(i.e. with a round chambered) because:

- 1) The firing pin is secured by the sear. Glock says it will stand a two meter drop test.
- 2) If the sear or striker breaks, the trigger actuated firing pin safety will prevent discharge.
- 3) The trigger is locked until it is released by the secondary trigger in the front of the main trigger.

Safe to carry and quick into action it may be, but what does the Glock shoot like? We used three types of ammo during our tests, Samson 115 grain FMJ, Speer 100 grain JHP and some French military SF FMJ Ball ammo (not by U.S. standards). We had no feeding, firing or extraction problems whatsoever—a testament to the reliability of the Glock.

Deliberate firing at 25 meters gave two to three inch groups—entirely satisfactory for a defensive pistol. We found that recoil wasn't a problem despite the light weight, even for relatively inexperienced shooters. We attribute this to the low bore line of the Glock, rather than the recoil absorbing characteristics of the squashy plastic frame. In simulated combat, as well as competition games, the Glock acquitted itself well.

The sights on the Glock were also well suited to defensive purposes, with a large dot on the foresight and a white outline rearsight. The only problem with them is that the front dot was badly placed, so that one had the choice of aligning either the dot in the white outline, or the sights. The dot did grab the eye, however, allowing fast sight acquisition in practices. Nevertheless, our preference would be for all black sights.

Before we sum up the advantages of the Glock 17, we really ought to consider its disadvantages—and there are some. First, it loses the advantage true DA guns have of being able to give a dud primer a second tap. Remember, the Glock action is cocked by slide movement. So if after one trigger pull the gun doesn't fire it's straight into a malfunction drill. Secondly, in the event of a gun grab you've a problem on your hands as your assailant will be able to make the Glock fire easily, and probably with some accuracy. The Glock service holster is very resistant to grabs though, unless the weapon is attacked from behind. Made from molded plastic, it costs the equivalent of \$6 in the UK at the moment. So practice of weapon retention techniques is a very good idea—and I certainly wouldn't load the Glock with ammo that would penetrate my vest! Finally, because it's so simple to fire, the Glock doesn't make a good house gun to be left fully loaded. Inquisitive little fingers could mean disaster.

But let's finish on the plus points of the Glock 17. One of the major strong points is ease of training and use. During our test, even inexperienced shooters did relatively well with it, and commended its ease of use. Proper training on when to engage the trigger during the draw should reduce the specter of accidental discharges.

The Glock is also an excellent carry piece.

# REDI-SET TARGETS

## Introduces the Combat Silhouette in IPSC-type and PPC Resetting Targets.

PAT. PENDING

In the truest tradition of the REDI-Set™ Company, we offer the only complete target with acting and resetting mechanisms. This IPSC 8" unique concept center plate allows you to shoot the head and the head falls back. Shoot the center plate and the head resets automatically. Made of rugged T-1 armor plate.



PPC 10X  
 ring plate

The head and body in black with a center of yellow. This target is 26" tall. Available only at REDI-Set™. Virtually no one is faster than our targets!

**Introductory Price**

PPC \$125.00

IPSC \$145.00

**Shipping Information**

Shipped via UPS

Target (35 lbs) \$15.00

**ORDER FORM**

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip \_\_\_\_\_  
 Amount enclosed \_\_\_\_\_

ALL CHECKS MUST CLEAR PRIOR TO SHIPMENT  
 NO C.O.D. ON QUANTITY ORDERS. MONEY ORDERS  
 RECEIVE PRIORITY SHIPPING.



REDI-SET TARGET, INC.  
 P.O. BOX 23084  
 JACKSONVILLE, FL. 32241  
 (904) 262-0638



**AO** AMERICA'S FAVORITE ORIGINAL THOMPSON MODELS

*Thompson*



**THOMPSON M-1**  
The Thompson M-1 was the most famous military assault rifle. Our semi and fully automatics feature original side cocking handle and authentic military finish.

**1927 A1 DELUXE**  
Manufactured in the image of the classic, time-honored original.

**1927 A5 PISTOL**  
An impressive lightweight semi-automatic model without buttstock. It is supplied with a 13" finned barrel.

**AUTO ORDNANCE 1911 A1 GOVERNMENT MODEL**  
Available in .45, 9mm and .38 Super Calibers. All parts are interchangeable with the original.

SEND \$2.00 FOR COMPLETE COLOR CATALOG

**Auto-Ordnance Corporation**  
Box AH-9, West Hurley, N.Y. 12491 (914) 679-7225

The uniformed or service user will appreciate its light weight, which doesn't seem to have the additional recoil penalties of some pistols. For concealed carry it's also very good, as its lack of safety and operating levers leaves less chance of snagged clothing in tight spots. Also the flat slab sided design lies well under clothes. Finally there's that trigger system—so fast and fumble free in times of stress.

So really we're glad we were persuaded to take a look at the Glock by Gary and Mike. They were right—I needed to look at it. It's a super pistol for the experienced and trained shooter. That instant readiness does need proper training to ensure safety from the less experienced shooter though, and this shouldn't be overlooked. Taking into account the 18 shot firepower blitz available from this plastic powerhouse, I deem it a 'world professional's' pistol. The Glock takes advantage of the availability of the 9mm in secluded corners of the world, a point which the U.S. shooter would do well to consider. Given the chance, you should check out this pistol for yourself if you need a defense pistol, as opposed to a game defense machine.



## NASTOFF SUPERCOMP

Continued from page 57

.45's don't impress me, but *this* impresses me. There's no doubt that it recoils less than my 9mm."

To further illustrate just how well this new compensator works, several other tests were performed. At 15 yards, I emptied a full magazine at the target using only the weak-hand and firing as fast as I could. The result was seven 'A' hits. We moved back to the 25 yard line, where Steve instructed me to "fire two shots as fast as you can and still keep the shots in the 'A' zone." We were using the new IPSC Florida-8 target with an eight-inch 'A' zone. I do not exaggerate one bit when I tell you that at that distance, the front sight does not move out of the 'A' zone. Indeed, the impression that I got was that the ring could have been reduced by at least another third and we would have obtained the same results.

In the accuracy department, I found that I could shoot tighter and faster groups using the Supercomp than ever before. I watched as Nastoff fired a group offhand at 25 yards that measured 1 1/4" x 3/4". Admittedly the gun didn't do it all, as Steve is a master gunner in his own right. However, what made it even more incredible, was that this particular .45 had logged over 22,000 rounds through it before this test.

Another trait of the Supercomp is the incredibly fast cycling time. If you stand and watch a standard .45 being fired, it's no trick to be able to see the slide move in and out of battery. With this one, all you see is a blur that's over in the snap of finger. Squeeze off a round, and you get the impression that someone tapped you lightly in the palm of your shooting hand.

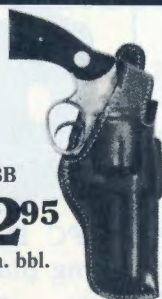
I don't hand out applause easily, but it's

# 4 Great Holsters!

## PERFECT fit for your REVOLVER

Exactly fits all standard Ruger, Colt, S&W revolvers, 9 mm. & .45 autos. Wet-molded at 5,400 psi to actual makes, models, bbl. lengths. Hand-selected, hand-rubbed top grain cowhide in smooth Russet or Black. Unlined. Add \$7.00 for suede lining.

Model BB  
**\$22<sup>95</sup>**  
For 6 in. bbl.  
**\$24.95**



## S.W.A.T. shld. holster for BIG revolvers

Lightnin' draw. Holster swivels down so gun draws straight out from silicone-treated suede lining. Maximum security. Two snaps hold gun firmly. Holster is thick, top grain cowhide with superb details. For 6 in. through 14 in. revolvers.

**\$65<sup>00</sup>**



Model S

## America's No. 1 SHOULDER holster

Secret agent design for maximum concealment. Fits all but a few unusual guns. Gun grip bulge eliminated by cross-strap on front, plus loop on holster bottom that snaps to belt. Spring clip holds gun secure, allows quick release. Oil finish leather. For lined holster add \$10.00.



Model ANK

## Lightest, most secure ANKLE holster

Secured two ways from shifting. 1. By elastic "sa-spend-er" above. 2. By padded strap at holster. Both Velcro closing, adjustable. Gun held secure but releases quick by thumb-brake snap. Smooth tan cowhide. Made for 25, 32, 380 and 2 in. small frame revolvers.

Model \$16<sup>80</sup> With Sa-spend-er \$22.95



Model K  
**\$31<sup>95</sup>** For over 4 in. bbl.  
**\$37.95**

Available from dealers or direct from

**BRAUER BROS. MFG. CO.**

Dept AH95  
2012 Washington  
St. Louis, MO 63103

When ordering STATE (1) holster model number (2) holster color (3) make, model, bbl. length of gun. ADD \$2.50 per item for hdg. & shpg. Mo. res. add 5% tax. Add \$3.00 for new Brauer catalog.

MAIL check, M.O. or Visa/MasterCard no. & expire date.

PHONE TOLL-FREE 1-800-5-BRAUER

Missouri call 1-314-231-2864. 8AM-4PM Cent. Time. Phone with orders only! Satisfaction Guaranteed or Money Back





been five days since this performance and I'm still clapping. In today's IPSC matches, there is a trend towards the .38 Super using handloads and bullets in the 158 grain class to make major caliber with lighter recoil. Yet, there have been matches lost on points where the smaller caliber hole was just that much short of cutting the scoring line, whereas a larger caliber would have done so. With the introduction of the Supercomp, I can't imagine why anyone would want to go to a smaller caliber to cut recoil.

There you have it, sports fans. A sidearm that not only is a thing of beauty, but also performs well. In fact, I'm so impressed that I've already begun the search for another .45 to send to him for the Supercomp conversion.



## DETONICS POCKET 9

*Continued from page 61*

Probably the most popular way to carry this pistol will be hammer down on a loaded chamber, thumb safety off.

The fixed sights are integral with the slide, milled into a groove running the full length of the top of the slide. There is no provision for sight adjustment. The test pistol was correct for windage, but shot low with all loads tested. Group centers averaged 2-3 inches low at 30 feet, and 3-5 inches low at 25 yards. At 50 yards the slide completely covered the target. Holding Kentucky elevation above the target resulted in a number of misses on an eight-inch steel plate at 50 yards. The sight picture is a large, square Patridge-type picture, excellent for a pistol of this size.

The dull satin finish of this stainless pistol does not make the sights stand out, particularly in bright sun. This should not be a serious problem, considering the intended purpose of the gun.

The magazine well in the receiver is beveled for fumble-free insertion, and the magazine falls out freely when the release button is pressed. The magazine release button is small, leading to occasional fumbling. The small release button is slightly exposed, and can be pressed unintentionally against a soft waistband holster. The magazine holds six rounds.

The test pistol was furnished with two-piece, wrap-around grips made of blackened aluminum, which were unsatisfactory. The recoil loosened the grip screw repeatedly, and peened the edges of the aluminum grips so that they did not fit the frame. The hard grips on the small, light pistol gave a hard recoil sensation, causing some soreness to the hand after extensive shooting. The loosening of the grip screw lets the grips gap open, biting the skin of the shooting hand. It is impossible to tighten the hex screw in the field, unless the shooter is lucky enough to have an Allen wrench of the correct size. The pistol should be furnished with soft, wrap-around one-piece neoprene grips, instead of the metal grips. The grips should be designed to give slightly more protection to the magazine release button.

The dull satin finish appears to be glass-bead blasted directly over the unpolished tool marks. The effect is very pleasing to the eye, and should prove serviceable. Interior bearing surfaces are not all polished, apparently relying upon loose tolerances rather than polished finishes for mechanical reliability.

The Pocket 9 field strips quickly without tools into three components: slide assembly, receiver assembly and magazine. Further disassembly is not necessary for routine cleaning.

The test pistol, purchased from a local retail dealer, was very difficult to field strip and reassemble. It was returned to Detonics for repair. After about two weeks it was received back from the factory, with a repair ticket stating that the slide stop spring had slipped out of its seat, causing the slide to bind. Since then the pistol has functioned with no further problems from that cause.

In testing the Pocket 9, one of the first observations was that there was no room on the short grip for the little finger. The pinky was curled comfortably under the butt during all of the shooting.

The double-action pull, weighing about 15 pounds, was long and heavy, and broke with a lurch. Accurate rapid fire was impossible with the double-action. Drawing and firing quick two-shot bursts resulted in some misses on the first shot (DA). The second shot (SA) hit a steel plate every time. The conclusion was that the Pocket 9 owner should thumb-cock the hammer while drawing if time allows. The double-action should only be used for the sudden confrontations at belt-buckle to belt-buckle range.

In firing approximately 1,045 rounds of mixed ammo, there were no failures to feed, extract or eject.

After firing about 400 rounds, the stainless steel slide stop was battered and peened so that it failed to hold the slide open after the last round was fired. The slide stop would still engage when the slide was manually retracted, with an empty magazine in place.

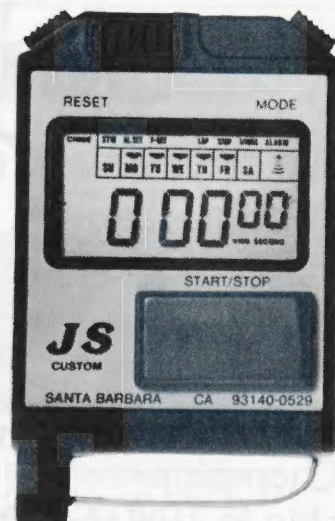
No other malfunctions were noted in the 1,000-round test. The Pocket 9 up to that point had functioned extremely well, proving itself to be a serviceable, reliable pistol. Then it was decided to give the pistol a "victory lap" of an additional 50 rounds. At about round number 1,045 the tip of the mainspring broke off, ending the tests. The tip of the leaf mainspring flexes on a narrow neck against the hammer. This narrow neck does not appear to be strong enough to flex reliably for thousands of rounds, and should be watched carefully by those who anticipate shooting thousands of rounds.

These tests showed design defects in the mainspring, slide stop and aluminum grips. Detonics can easily redesign the parts to correct the defects. The basic design of the delayed blow-back action functioned reliably throughout the tests.

For the average shooter, the Detonics Pocket 9 can be recommended for concealed use by officers and civilians requiring a compact pistol for protection. It is a natural for off-duty and back-up use.



sport quartz



Hand free to operator, pin it, wear it with wrist adaptor. 100 uses. Send to J.S. Custom. \$45.95 H.I.S. \$3.00. Ca. 6% tax. P.O. Box 40529 Santa Barbara Ca. 93140 USA 2-4 w.del. Pa.P.

## 32 H+R MAG JACKETED BULLETS

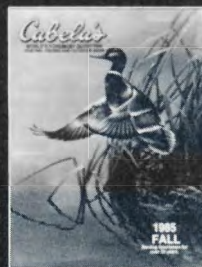
CUSTOM SWAGED JACKETED HOLLOW PT. AND SOFT PT. 75 TO 105 GRAINS. SOLDERED CORE AVAILABLE IN 75 AND 80 GRAIN. BREN 10 AVAILABLE SOON. YOUR SATISFACTION IS OUR TARGET.



J&J CUSTOM BULLET

PO BOX 2029A EL CAJON CALIFORNIA 92021

# Cabela's



100% SATISFACTION GUARANTEED

Hunting Equipment . . . Decoys  
Footwear . . . Knives . . . Guncases  
Bows . . . Arrows . . . Clothing  
Optics . . . Gifts . . . and Much More

# FREE

CATALOG SUBSCRIPTION

Mail today to reserve your Fall issue

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**Cabela's** 802-509  
Sidney  
Nebraska 69160



# THE CLARK "BOWLING PIN<sup>5</sup>" 45

6" NM .45 barrel — 1 piece

**\$115<sup>00</sup>**

Complete  
gun on  
new Colt

70 SERIES  
**\$1,177<sup>50</sup>**

80 SERIES  
**\$1,222<sup>50</sup>**

6" bowling pin barrel—w/sight  
Oversized lugs and hood

**\$170<sup>00</sup>**

• John Shaw of Memphis won the IPSC Championship in 1980 & 1981 using one of these models.

Dealer inquiries invited.  
WRITE OR CALL  
FOR ADDITIONAL INFORMATION

**James E. Clark**  
PISTOLSMITH

Rt. 2 Box 22A  
Keithville, Louisiana 71047  
(318) 925-0836

## MODERN PRACTICAL and DEFENSIVE SHOOTING

is being taught at the CHAPMAN ACADEMY OF PRACTICAL SHOOTING. Courses are now available for pistol, rifle and shotgun. The courses have been attended and praised by world class competitive shooters as well as law enforcement and military personnel. For information write:

**CHAPMAN ACADEMY**

P.O. BOX 7035 • Columbia, MO 65205  
(314) 696-5544

## FIRING SIMULATOR... .45 AUTO

Great new TRAINING DEVICE allows you to DRY FIRE realistically without using live ammo. Cycles the slide, cocks the hammer, RECOILS, uses CO<sup>2</sup> or shop air compressor. Drops into any .45 auto (Colt style) easily. NO MODIFICATION. Great for breaking in slides and trigger jobs.

INSTALLS EASILY  
RAPID FIRE TIMING  
DRAW FROM HOLSTER  
CO<sup>2</sup> or COMPRESSED AIR  
CYCLES SLIDE AND RECOILS  
INEXPENSIVE, 80 SHOTS 1 CENT  
OVERCOME FLINCH, TRIGGER JERK  
15 DAY MONEY BACK GUARANTEE  
PRACTICE TRIGGER CONTROL  
& FOLLOW THROUGH

"This system is a must for anyone serious about improving their 'defensive' or 'competition' pistol skills." Mickey Fowler & Mike Dalton  
International Shootists Inc.



Protected by  
U.S. Patent

ORDER FROM:

**ADVANCED .45 TECHNOLOGY**

Dept. AH

1031 Elder St. Oxnard, CA 93030

(805) 485-0113 (805) 485-4435

**SIMULATOR** for std. .45 (you supply CO<sup>2</sup>)

**\$120.00**

**SIMULATOR** w/CO<sup>2</sup> regulator, 150 P.S.I.

**\$156.00**

**SIMULATOR** w/reg. & full CO<sup>2</sup> bottle

**\$236.00**

ISI "home practice dry fire kit" included with each order

All prices include shipping, surface UPS. Full CO<sup>2</sup> cylinders cannot be shipped air. Payment either C.O.D., Visa, MasterCard, moneyorder, or cashiers check. All personal checks held until clear. California residents add 6% sales tax.

## CROSSFIRE PRO

Continued from page 35

About five or six years ago, a curious attitude shift began to emerge among some of our former trend-setters and best innovators. The concept was basically that we had finally found "it." We had arrived. We go no farther. The firearm most desirable was declared to be a five-inch Colt auto drawn from concealment, fired in a surprise match setting. Any deviation from this weapon and match design was decreed to be a violation of the principles of our sport. The thought of stagnating our rapidly growing sport into strictly limited formats was not well received by the vast majority, who turned a deaf ear and continued to develop new concepts. Thus, a schism developed between shooters and many of the old guard dropped out of competition and formed new clubs.

As one would expect, the restrictive format found little mass appeal and these small bands either remained small or dissipated altogether. In contrast, the majority of shooters followed the free-design philosophy and continued to increase in numbers, despite constant reminders that they were doing it all wrong. Finding little support for their own competition, the martial artists were back, attempting to direct sport matches.

Extremists for both sides accuse each other of being poor shots in matters that count, and harboring improper motives aimed at furthering themselves to the detriment of the whole. This may or may not be true. I choose not to sit in judgment of the motives of others, for I believe they are irrelevant to the issue at hand. We can decide our course of conduct by analysis of the goals to be achieved. The precise issue to be decided is this: Do we engage in competition principally to learn self-defense with a concealed weapon, or to unify multi-disciplined shooters in a common sport; to further a sense of brotherhood, create innovation, and foster public acceptance? I strongly support the latter policy.

It may be true that our humble beginnings were generated by the desire of a few hearty souls concerned only with self-defense. But this premise alone has not, and will not, sustain our sport.

The IPSC matches, the Bianchi Cup, and the Steel Challenge have enjoyed widespread interest and acclaim not because they teach self-defense tactics, but rather because they are each an excellent showcase of talented shooters using a large caliber weapon in a quick and accurate manner. Diligentia-Vis-Celeritas at its best. Further, each is considered a fair test to determine the top man.

The Bianchi Cup may emphasize accuracy and the Steel Challenge and IPSC emphasize speed, but all are considered unbiased in their availability to the many shooting disciplines. One need only review the list of top finishers to find most of the same names appearing at all three matches. Detractors claim these matches aren't real. I submit to you they are



as real a test of shooting prowess as can be devised.

Can anyone who has seen Rob Leatham or Brian Enos compete claim that these are not two of the finest all-around shooters in the world? Does anyone seriously doubt their ability to defend themselves? I see this as similar to stating that Mario Andretti is unfit to drive the freeway because he is preoccupied with auto racing.

In fact, there is a good analogy of sport shooting to auto racing. I have been involved with both and can see many points of comparison. It is true that 'stock' cars have little resemblance to 'street' cars and go 150 mph faster than any of us drive on the 'streets.' But how many fans would watch today's smog-motored runabouts plod around the course at a realistic 55 mph? Who would care to compete in such a boring display? Answer: about as many people as would attend a shooting match composed entirely of 50 single draws at a realistic seven-yard silhouette of a mugger.

A person does not need the full regalia of a match set-up, complete with judges, spectators and trophies, to practice for street encounters. Such practice is best accomplished privately or with a small group of friends. Full surprise set-ups cause nothing but chaos to uniformity of judging, scoring and safety. These are acceptable hazards between a few friends concerned only with survival practices. But, these problems are not compatible with large-scale, public competition.

The trophy awarded for self-defense practice is the confidence attained in knowing your chances of survival have increased. Why are these martial artists complaining so bitterly about our sport matches? Because like everyone else, they want to play and win a prize at these 'games' they label as frivolous.

Another point of comparison to auto racing is the benefits of innovation. The martial artists claim that everyone should shoot the same weapon: basically a five-inch Colt auto in .45 ACP. They state there is no reason to shoot highly modified guns in competition. This is like complaining that racing cars should not use turbo-chargers because passenger cars do not use them. Like a thousand improvements to street automobiles, turbo-chargers were refined first on the race track. Most people do not know that the everyday rear-view mirror first appeared on an Indianapolis race car.

Muzzle compensators fashioned after those used in competition for years are now being designed for Colt Commanders which will have an overall length of five-inches (the magic number for martial artists). Which brings us to an interesting point: why do they dictate that only one type and size of gun will be used for self-defense? What is so hallowed about a five-inch Colt auto in an inside-the-belt holster worn in the kidney position.

I know many people who are large enough to easily conceal a six-inch compensated Colt or a Model 29 Smith. I also know many small framed men and women who cannot conceal

# .410 x 3" or .45 Colt STAINLESS STEEL



## MODEL-4

Barrel Length 4.1 inches  
Overall Length 6 inches  
Weight 16½ ozs.  
Standard Grips are Rosewood  
Stag Grips are \$25 extra  
Manual "Hammer Block" Safety

For Free Literature  
Send Stamped Envelope.

Alaskan Survival Model-.45-70 upper barrel, 3 inch .410 or .45 Colt lower barrel.  
**AMERICAN DERRINGER CORP. P.O. BOX 8983 • DEPT A4 • WACO, TEXAS 76714**

P.P.C. only. DUTY, TARGET, SILHOUETTE AND SPORT.

Cylinder is shortened to function with .38 spc. H&W.C. only. X-Ring Accuracy. Each gun individually built.

Short Cylinder P.P.C. Conversion U.S. Patent

AMERICAN PISTOLAMITH GUILD

## Fred's Gun Shop

**CUSTOM COMPETITION HANDGUNS**

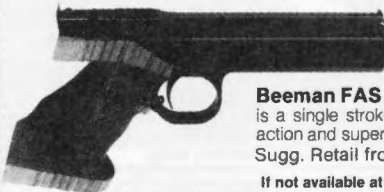
Send \$1.00 for Catalog

Fred Schmidt  
Tel. (804) 746-8289  
5804 Signal Hill Rd.  
Mechanicsville, Va. 23111

## Beeman Lets You Choose Your Own Brand of Air Power

**Beeman FWB Mini-2:** New, short barrel version of the champion Model 2 CO2 pistol. The Model 2 was used to win the U.S. International Championship this year. Sugg. Retail from \$635.

**Beeman FWB 65 MKII:** World's only air pistol that can instantly switch from a recoilless airgun to a recoiling firearm trainer. Reliable spring piston power. Sugg. Retail from \$525.



**Beeman FAS 604:** Latest Italian match air pistol is a single stroke pneumatic with excellent trigger action and superb anatomically-shaped walnut grip. Sugg. Retail from \$495.

If not available at your local dealer, order direct.

**Beeman Precision Arms, Inc.**

47-HG9 Paul Dr., San Rafael, Calif. 94903 U.S.A. (415) 472-7121—24 hrs, 7 days



# Beeman Precision Arms

Send for 1985 Adult Airgun Catalog/Guide, reg. \$2, FREE with mention of code HG9. Include \$1 each for full-color, **Firearm Catalog** and/or **Used Gun List**. Allow 4-6 weeks for delivery. For 1st class mail, add an additional \$1 for each item; \$3 each for overseas delivery.





## BAER CUSTOM GUNS

### DESIGNER COMP II SYSTEM PATENT PENDING

KART N.M. BARREL — TAPERED CONE SYSTEM  
FULL LENGTH GUIDE SYSTEM — PERMANENTLY FIXED  
WITH OUR UNIQUE SILVER BRAZING TECHNIQUE

GUARANTEED 2½" - 10 SHOT GROUPS AT 50 YDS.  
ALL I.P.S.C. MODIFICATIONS AVAILABLE

SEND A  
BUCK FOR  
CATALOG

P.P.C. AND BIANCHI REVOLVERS  
X-RING ACCURACY — DOUGLAS BARRELS  
BAER CUSTOM REVOLVER PORT SYSTEM  
FULL LENGTH RIBS — SMOOTH DOUBLE ACTION  
CUSTOM X-P 100's — LONG RANGE CALIBERS



1725 MINESITE ROAD ALLENTOWN, PA 18103 PHONE 215-398-2362

## PISTOLSMITH

I have 34 years experience repairing and building all types of sporting firearms. Complete facilities for the type of work that is required.

Combat • Pin shooting • Target • Silhouette

COLT FACTORY WARRANTEE SERVICE CENTER

HIGH STANDARD SPECIALIST — ALL MODELS

SMITH & WESSON DOUBLE ACTION IMPROVEMENTS

A one man shop that cares, and a shooter who knows what the serious shooter wants. All work is guaranteed.

CAMPBELL H. IRWIN GUNSMITH

Hartland Blvd., East Hartland, Conn.

Tel. (203) 653-3901 Zip 06027

## BROWNING HI-POWER COMBAT ACCESSORIES



### AMBIDEXTROUS COMBAT SAFETY

Now right or left hand safety operation for the Hi-Power. Exclusive design will positively fit and work. Practically indestructible and guaranteed against breakage.

\$75<sup>ppd</sup>



### WIDE TRIGGER

Reduces felt trigger pull for better control. Exclusive design is better than a trigger shoe, will not snag holster on draw or insertion. Drop-in installation, also eliminates magazine safety.

\$32<sup>ppd</sup>

High Powers guaranteed to feed all types of factory ammo including hollow points and Silver tips. Please call for details.

### EXTENDED SLIDE RELEASE

Release slide without shifting grip, speeds reloading when you "run dry". Specially designed for the Hi-Power, simply replaces standard release.

\$28<sup>ppd</sup>

### STAINLESS STEEL MAGAZINE

Genuine stainless steel magazine custom reshaped to feed properly.

\$29<sup>ppd</sup>

### PLEASE NOTE...

All prices are for blue parts, stainless finish available, please write or call for prices and delivery.

Extensive combat modifications are available! Please send \$2 for our complete catalog.



### EXTENDED SAFETY

Positive safety operation with no more "tumbles". Rounded corners eliminate snagging on holsters or clothing. Simple, drop-in installation.

\$32<sup>ppd</sup>



### COMBAT MAG. RELEASE

Sculptured magazine release will not snag or release accidentally. Designed for Browning Hi-Power and Colt autos. Easy to install, just drill and tap one hole. (installation available for \$10)

\$21<sup>ppd</sup>

### TO ORDER

Send Money Order or Cashier's Check only. MasterCard Visa orders welcomed, please supply complete card information including expiration date. Sorry, no COD orders. Phone orders accepted for credit cards only. All orders prepaid via U.S. in the continental U.S. Alaska and Hawaii, please add \$1.50 per item. Please furnish street address for delivery.



CYLINDER & SLIDE SHOP, INC.

P.O. Box 937

Fremont, NE 68025

Ph.: (402) 721-4277

a five-inch Colt. Actually, most prefer ankle holsters carrying two-inch revolvers since they wear T-shirts in summer or are otherwise incapable of carrying without printing. Why are these people required to compete with a five-inch Colt that they won't carry? Isn't that defeating the whole purpose of the martial arts match theory? Of course it is. Arbitrary rules produce worthless results.

I have no vested interest in any particular match design. I'll shoot, without complaint, whatever format is presented. If simple 'street mugger' matches were the most efficient test of shooting prowess and the biggest attendance draw, we would be there now by the process of natural selection. We would not have progressed farther than those early days of our sport. The fact that we are where we are objectively demonstrates that our destiny lies beyond such a premise.

I am proud to be associated with those in the shooting sports world. Our standards of skill and public image, to shooters and non-shooters alike, increase dramatically every year. This is proof we are doing it right!

Let's keep an open mind and retain the freedom of choice and innovation that brought us here.



## CROSSFIRE CON

Continued from page 35

Generally, no. Matches appear to be designed more for entertainment value than for their realistic applications. It is as if to say, "Look at what I conquered; 13 hostiles, 4 reloads, and 5 obstacles—in only 23.2 seconds!" Shades of James Bond.

One does not have to frequent forensic science institutes, gleaning over material from documented shootings to appreciate the foregoing revelations. Amuse yourself and pick up a few random copies of the *American Rifleman* and read the "Armed Citizen" column.

To their credit, match designers have been innovative and this has been a boon to the practical aspect of IPSC competition. We now have more moving, reactive, appearing/vanishing targets than ever before—a realistic touch. They would be even more effective if they were more undependable in their frequency and duration. We need more pressure for snap judgments, being able to think on our feet. That is the rule, not the exception, in defensive encounters.

For a realist, it is not a question of shooting at short, intermediate, or long range; single or multiple adversaries; static or active targets. Rather, it is a question of emphasis. The emphasis should be on the reality of armed personal encounters in our day-to-day world. The 'exercises' can test our technical expertise. The balance of these matches should test our *practical application* of that skill. To the gamesmen it appears to be refining a ballet; choreographing a defined scene. It is rather more like International Rapid Fire to the gamesmen, while it is more



like fencing to the realist.

The criteria for a good stage should not be influenced by how many rounds can be fired between the start signal and the stop plate. A one to five shot sequence can be repeated multiple times, possibly with slight variations, to comprise a stage. The foremost criteria must be, "Does this effectively enhance your survival skills?" We need to build fewer scenarios for movie heroes and spend more effort in reconstructing reality.

To the martial artist/realist, competition represents a *means to an end*—survival in a violent personal encounter. To a gamesman, *competition is an end in itself*—the trophy. The gamesman wants to shoot well enough, within the parameters of the stage, to maximize his advantage to place well in that stage. The reality is that there are no known parameters in a personal confrontation until it is over. You do not get to watch someone else rehearse for you.

The attitude of the gamesman is reflected in his equipment, his technique and his philosophical approach to competition. A handgun which is suitable for free-style competition, even specifically designed for it, may still be a suitable practical weapon. The limiting factor is the means by which it is employed. If the pistol is not suitable for daily carry in surreptitious circumstances, then from a realist's point of view it does not fit the parameters of a practical handgun. This is largely a subjective matter to be evaluated by the individual whose well-being is at stake. If an individual feels his well-being is more secure with a 6½ compensated Colt Gov't Model, then it behooves him to solve the problem of transporting it discreetly. This should show up in his approach to competition.

Practical competition fails in the area of practical carry techniques. This is the most glaring dichotomy widening the chasm between realistic competition versus a shooting game. A gamesman is primarily concerned with gaining a small fraction of a second advantage in competition. A realist is concerned with manipulating the same weapon from the same position of his anatomy, whether in competition or discreet daily use.

Many competitors seem to be seduced by the frivolous or 'gamey' aspects. **SKILL DOES NOT DERIVE FROM EQUIPMENT.** Skill is technique acquired through understanding, creativity, and practice. It is my contention that skill would be enhanced if the spirit of the 4th principle of practical shooting was codified into realistic guidelines, embodying the vital principle of discreet armed readiness.

One does not generally advertise that he is armed in his daily routine. Besides raising the ire of his community, he sacrifices the element of surprise to his assailants in lieu of retaining it for his own advantage.

The most damning evidence of the lack of practicality of the gamesman's equipment is that he is not seen on the street with it. One is led to believe that he would appear a little conspicuous. I am not inferring that 'game'

## WE TAKE PRIDE . . . IN OUR 'SPECIAL' WORK:



- Revolver action jobs
- IPSC auto conversions
- Metal checkering
- Sight installation
- Blue and electroless nickel finishes
- Fine welding

If you demand professional workmanship, send \$2 for our 16-page color brochure and price list. Refundable.

Member American Pistolsmiths Guild

Jim Stroh

**ALPHA PRECISION, INC. Dept. 01**

P.O. Box 65 / Good Hope, GA 30641 / (404) 458-0477



### ULTRA-VIBE 18

THUMLER'S TUMBLER



ANOTHER QUALITY PRODUCT  
FROM THE LEADERS IN  
CARTRIDGE CLEANING.

#### Thumler's Tumbler

Tru Square Metal Products  
P.O. Box 585 - Auburn, WA 98071  
(206) 833-2310

- Fast
- Twice the production of similarly priced tumblers
- Handles 200 - 300 rifle and up to 700 pistol cartridges
- Wide stable base
- Heavy steel construction
- Overload protected motor
- Versatile - Polishes  
Brass Cases  
Silverware  
Fish Lures  
Coins  
Jewelry  
Deburs and Polishes Metal Parts  
Polishes Rocks in 1/3 the time of conventional tumblers.

Call for more information!

## Advantage Grip System competition proven by MICKEY FOWLER



"The Advantage Grip System was part of my equipment I used to win the Bianchi Cup and the Steel Challenge. Its screw on weighted grip reduces recoil by 17%, allows quicker sight picture alignment and speeds up shot to shot recovery."

New improved Advantage Grip System complete with checkered walnut stocks, \$46.00 - Add \$3.00 postage and handling. California residents add 6½% Sales Tax. I ship immediately upon receipt of money order or certified check. Allow 2 weeks for all other checks to clear. Dealer inquiries invited. Write for additional information, brochure and mathematical calculations to prove the recoil reduction.

**Jack Breskovich Advantage**  
COMPETITION SHOOTING ACCESSORIES

P.O. BOX 828, WHITTIER, CA 90608 (213) 695-4134

### ONCE FIRED BRASS

223, .38 SPL, .45 ACP

AND OTHERS

#### THE BRASS WORKS

(512) 858-7075 • P.O. Box 315-H  
Dripping Springs, TX 78620



### 1/3 MOON CLIPS

Use .45 acp ammo in place of .45 auto rim. For Colt 17, S&W 25 and S&W 55 revolvers. Allows storage in ammo belts & std. boxes. Reusable indefinitely. For a FREE sample, send a self-addressed, stamped envelope. (We now make full-moon clips.)  
Clip Prices: 25 for \$4.99; 50 for \$8.99 ppd.

RANCH PRODUCTS, P.O. Box 145, Malinta, OHIO 43355







After spending some time becoming familiar with the Pro-7, which wasn't too difficult, I took 50 empty cases, 50 slugs, and with the primer tube sufficiently full and powder measure ready, I timed myself.

Rather than going for speed, I concentrated on performing the six sequential steps at what I felt was a comfortable rate. I loaded the 50 rounds in just over nine minutes. Rounding off, this figures out to 300 rounds per hour.

During this time I had no malfunctions. In an extended loading session this average would drop taking into consideration that you would have to refill the primer tube, powder hopper, obtain more cases, and bullets. No doubt that it is faster than loading on a single stage press and when you decide to conclude loading, you have a quantity of loaded ammo ready. This isn't necessarily the case with a single stage press.

All in all, I'm very pleased with the Pro-7 and made it a permanent fixture on my reloading bench. I would like to see Hornady offer a loaded round ejection system for it to increase production. Retail for the press is \$425 which includes the automatic primer feed, powder measure adapter, spent primer catcher, and your choice of one shellplate. Additional shellplates are \$25 each.

I wouldn't say the Pro-7 is inexpensive, but considering that it is a lifetime investment and also the time you'll save in reloading, I think it's a fair asking price. If you do a considerable amount of reloading you can appreciate the speed of a progressive. For more information on the Pro-7 write: Hornady Manufacturing Company, P.O. Box 1848, Grand Island, Nebraska 68802-1848.



## PYTHON TURNS 30

*Continued from page 54*

and 8 inch tubes. For a hideaway piece, the 2½ inch could be just the ticket. Complete with compact wood grips, this gun with six rounds of high velocity ammo checks in at a little over two pounds. A 4-inch gun will hit 2½ pounds; a 6-inch, 2¾'s and the 8-inch special purpose (silhouette?) Python hits 3 pounds.

With an increase in barrel length comes the much talked about balance of a handgun. For my style of shooting (target and hunting) I find the ever popular 6-inch to my liking. Even though it is a tad muzzle heavy, my findings here show I seem to steady up better when turned onto a target. If you want perfect balance, the 4-inch is just right. For long range work, the 8-inch tube is a monster to hold up, but, nevertheless, for those who desire a longer sight radius this may be your cup of tea.

Starting with the 2½-inch barrel, it didn't take long to notice the bark and the bite of this gun. Grip configuration made shooting difficult from a rest and upon firing, recoil from the gun made the weapon come down and back cutting into the web of the hand similar to a .45 Automatic. This is of little conse-

**NEW 1985**  
**NUMRICH ARMS**  
 WORLDS LARGEST SUPPLIER **GUN PARTS**  
**12<sup>TH</sup> EDITION**  
 FEATURING AN INVENTORY OF OVER 200 MILLION GUN PARTS  
 A 480 page, 2½ lb. parts catalog, listing military, commercial, antique U.S. and Foreign gun parts. The most complete parts listing in the world! Used by govt. agencies and professional gunsmiths. Order now, receive \$3 certificate toward purchase of any catalog item. **\$5.95 ppd.**  
 \$8.95 Surface Foreign Airmail - Write For Quote  
**Numrich ARMS** Dept. AH-9, W. Hurley, ■■■■2491  
 (914) 679-2417 Telex 145 331 Numrich WHRY

WATSON COMPENSATOR SYSTEMS



**WATSON'S**  
**.45**  
**SHOP**

2057 CLINE AVENUE  
 FAYETTEVILLE, ARKANSAS 72701  
 RICHARD L. WATSON - PISTOLSMITH  
 501-442-2967

# IT'S HERE!

**The NEW 1911-A1** (.45 ACP or 9mm)  
**Compare it. You'll own it.**

**\$249** Suggested Retail Price



Compare the new Springfield Armory 1911-A1 Auto Pistol to any other similar model on the market: It's current 1985 production and an authentic model of the original 1911-A1 military pistol. Compare the quality of all forged parts, including a forged receiver and frame. Compare the hammer-forged barrel and the all-steel construction. Compare the smooth action and the tight, snug fit of all component parts. Then compare the price.

**Nothing else compares. Right?**

Kits and fully interchangeable parts available: Complete Kit \$215  
 Frame/slide kit \$129 Frame only \$68  
 Slide only \$75



Send \$3 for our four-color catalog.

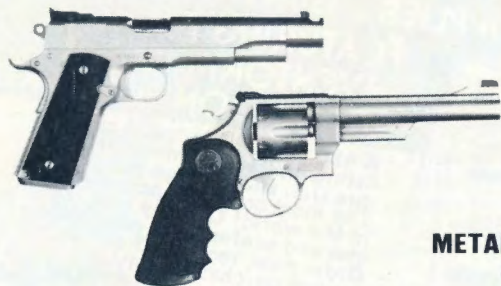
**SPRINGFIELD ARMORY**

Section SR-9 • 420 West Main Street • Geneseo, Illinois 61254 • (309) 944-5138 or 944-5671



# Metaloy

## Championship Proven Precision Gun Finish



- THE METALOY  
HARD CHROME FINISH**
- Phenomenal molecular bond, will not chip or peel
  - Extremely hard satin finish (R/C 70)
  - Super lubricity
  - Excellent protection against rust
  - All internal and external parts processed

### METALOY INDUSTRIES, INC.

Route 3, Box 211-D

P.O. Box 578

Berryville, Ark. 72616

Ph. 501-545-3611

#### PROMPT SERVICE

Dealer & Law Enforcement Inquire

quence as the grips can be changed if need be. Taken as is, however, the gun as a hideaway piece rates highly.

As you can see by the chart, the 4-inch pistol started to shine. The neoprene grips on the slightly longer 4-inch gun made shooting a pleasure. Velocity was up with accuracy starting to pull it all together. Cases ejected smoothly but not completely as the cylinder rod is just a tad short of complete ejection.

From a rest, my favorite barrel length, the 6-inch, came in with a super 1x1 inch group. Velocity was up to 1430 fps, with 658 ft/lbs of energy. Shooting with full grips makes a difference, although Colt's idea of an outside checkering pattern aids in taking off the old layer of skin on your hands.

My eyes, a decade older than the Python, saw a noticeable difference in the clarity of the sighting picture with the 'long Tom' 8-inch barrel. I also felt some side spitting from this gun, but upon checking the cylinder gap with a feeler gauge, I found nothing out of the ordinary as this measurement came out to a tight .006 of an inch. It should be noted that side spitting is normal in *all* revolvers due to hot gasses and unburned powder escaping between the cylinder gap and the forcing cone. However, if lead spits, then the chambers of the cylinder are not in line with the bore. This was not the case. My group average was down to a 1 1/4 inch, not bad at 25 yards, but you can still see my bias towards the 6-inch.

All the songs sung about the Python seem to praise it. Are there any sour notes relating to this sidearm? Yes there are, with the three most common I've heard in recent times concerning the grips, trigger width and, of course, price.

The grips get the most gripes. It's an old story, one that almost gets blown out of proportion more than it deserves. The grips of today are almost identical to those installed 30 years ago (albeit a different checkering pattern). Call it tradition, call it cosmetics, but in the long run a Python without these flared factory grips would not be an original Python at all. Credit should be given to Colt for they offer—as an option—those neoprene grips mentioned before.

Many shooters also feel the trigger shoe could use some work. Either smooth it up, or make it wider. Since this is six of one, half a dozen of another, it can be solved by some work on your part or as an option by Colt in offering a target width shoe.

Hammer design, as you see it today, was there from the beginning. Obviously the beavertail was considered for the target men who may desire a secure grip on this appendage especially in those slow-timed fire stages. The trigger is grooved, narrow in width, and easy to use.

Taking the guns to the range, I was interested in not only how each would fare, but also how barrel length would offset accuracy because of the Python's faster rate of twist. It's generally an accepted fact that because of Colt's 1 in 14 barrel twist, the Python is considerably more accurate than other guns in its class or caliber. To meet this end I took standard jacketed bullet ammunition and target

### BUEHLER PISTOL MOUNT



### NO DRILLING OR TAPPING

Introducing a different BUEHLER MOUNT-M83. Installs without drilling or tapping. For calibers up through .357 Mag. Available in silver or black finish. M83 Mounts available for Smith & Wesson, Dan Wesson, Colt and Ruger.

Send for free catalog 40H.

**MAYNARD P. BUEHLER, Inc. - ORINDA, CA 94563**

## The NEW Wichita International Pistol

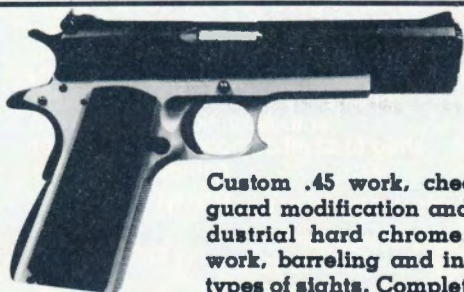
**For the  
Serious Hunter  
or Silhouette Shooter!  
The Finest in Stainless Steel!**

Send \$1.00 and a S.A.S.E.  
for our complete catalog.

Dealers inquiries invited.

### Wichita Arms, Inc.

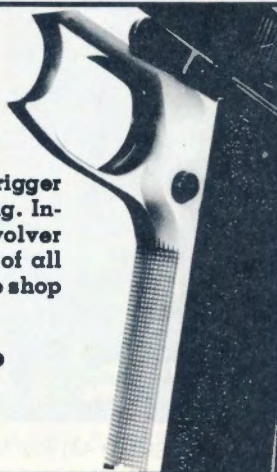
Dept. WIPAH, 444 Ellis, P.O. Box 11371, Wichita, Kansas 67211  
(316) 265-0661



Custom .45 work, checkering, trigger guard modification and accurizing. Industrial hard chrome. PPC revolver work, barreling and installation of all types of sights. Complete machine shop for all of your needs.

### JACK'S GUN SHOP

3911 W. Waters Ave.  
Tampa, Fl. 33614  
(813) 932-8824





wadcutter fodder.

To make the test conclusive between all guns, I elected to use only one company's product, in this case Winchester's newly introduced .357 Magnum *Silvertip* offering in 145 grains. Almost semi-wadcutter in form, sacrificed rounds indicated an average bullet weight of 145.3 grains. Held in the case by an asphalt looking adhesive, the bullet was powered by a propellant similar in granulation to 2400.

In testing the four guns, the spec's in velocity and groups came up like this:

Barrel Length	Velocity	Group
2½"	1234	2.50"
4"	1296	1.75"
6"	1430	1.00"
8"	1454	1.25"

Last on the list is price. The Python is termed by many as the best wheelgun on the scene today. And for this quality you pay. Not dearly mind you, but it is like buying a luxury car. The options are there already, included in the price. If you don't want all the extras, buy a cheaper car. Ditto on the Python. Colt's new price list puts the standard blued gun (regardless of barrel length) at \$642.50. For nickel, the tab goes to \$692.50, stainless rates \$724.50 with the Ultimate one heck of a bargain for just \$10 more or \$734.95. Granted, the kids may not eat for a week, but, what the heck, you only live once!

What's ahead for the prestigious Python? Right now it's hard to say, but anything is possible. We've seen it in the past with the Colt Hunter, a specialized Python with a scope attached all packed in a hard case. In talking with Bob Platkin, Colt's marketing man, I suggested that since the gun is 30-years-old and the .357 Magnum cartridge is 50-years-old this year that perhaps they could run a special commemorative issue. Take one Ultimate, add some roll markings to complete the occasion, put on a pair of figured rosewood grips and lay out the whole package in a presentation case. Then, to add icing to the cake, run the whole issue with its own serial number block.

But whatever the occasion, the Python will rise to it. For one gun to be consistently good over a 30 year span deserves something special. I think it deserves your attention.



## MEET NASTOFF

*Continued from page 57*

**JW:** *What exactly is the difference?*

**SN:** I start with a full length Colt slide and remove a half inch from the end. A quarter of an inch is then added to the compensator. This allows the slide to cycle incredibly fast, which you noticed yourself on the range.

**JW:** *I've never fired a major load in a .45 with so little muzzle jump and recoil.*

**SN:** You can credit the compensator design with that, along with a couple of other tricks that I'm not talking about at present.

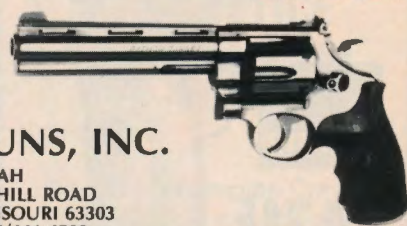
## Pin Guns IPSC Comps Basic to Full House Conversions



NU-LINE GUNS, INC.

Dept. AH  
1053 CAULKS HILL ROAD  
HARVESTER, MISSOURI 63303  
(314) 447-4501/441-4500

## Caliber Conversions Action Tuning Smythons Built Sq Butt to Rd Butt



**JW:** *Since you obviously don't have a machine shop here, do you work elsewhere?*

**SN:** While I do have the knowledge to perform my own machine work, I have a very close friend, Al Forbush, who is a master machinist. I leave the machining to him, which leaves me more time to spend getting the critical areas fit exactly as I want them. Each gun is done individually, one at a time. I won't have something done in mass production.

**JW:** *That explains the fit of the compensator to the slide.*

**SN:** That's exactly right. Some gunsmiths use mass produced, cast compensators that are just fastened on to the customer's gun. Every one of my compensators is made one at a time, individually, for each gun. There are no two .45's exactly alike in dimension, so it doesn't make sense to take a mass produced compensator and ask it to fit every gun. The same goes for sight installation.

**JW:** *Where did you get the expertise to fit guns like this?*

**SN:** John Miller of Marietta, Ohio took me under his wing. He's a military armorer who knows more about the .45 than the law allows, and he's showed me many tricks in fitting up the guns to make them super accurate and to last many thousands of rounds more before needing a going over. I can't say enough about the man and what he did for me.

**JW:** *What would you say separates your work from that of other pistolsmiths?*

**SN:** You must understand that I don't consider myself in competition with other pistolsmiths. I feel that there is a group of people out there who are looking for the type of work that I produce and these are the clients that I'm working for. To answer your question, I feel that the meticulous work that I put into my guns is probably the difference. For instance, on a full house IPSC gun I'll have an average of 70 hours labor into the fitting of parts. In a carry gun the hours run around 50, depending on the amount of work the customer wants done. I won't let a full house match gun get out of my shop until

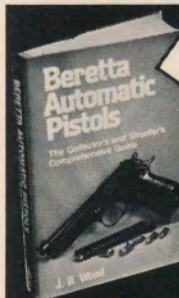
## KNIFE & GUN FINISHING SUPPLIES

### METAL FINISHING PRODUCTS

Buffers, Belt Grinders, Band Saws, Buffs, Compounds, Abrasive Belts, Micarta, Exotic Woods, Books, Blades, Rivets, Pinning Materials, Bar Stock, K & G Bluing Salts, and new Turkish Damascus.

Send \$2.00  
for Catalog

P.O. Box 13522  
Arlington, TX 76013  
Phone 817/274-1282



Includes The New  
U.S. Military Sidearm!

### Beretta Automatic Pistols

The Collector's  
and Shooter's  
Comprehensive Guide  
by J.B. Wood  
Hardcover \$19.95, 192 Pages

The first and only English-language book devoted entirely to the world-famous Beretta. J.B. Wood, an expert on automatic pistols and especially Berettas, traces the history and technology of the Beretta from the model 1915 through all its stages of development. The US military has just named a present-day model its standard sidearm, and the contract calls for 315,000 pistols to be produced in the next 5 years. More than 170 unusual photos & diagrams from the author's private collection and the Beretta archives document the Beretta story. Discerning collectors and shooters are certain to make this new book a firearms classic.

Please send me \_\_\_\_\_ copies of Beretta Automatic Pistols @ \$19.95 (plus \$2 postage for 1st book & 50¢ for additional copies) PA residents add 6%. If not completely satisfied I may return within 30 days in original packing for full refund.

☐ Visa ☐ MasterCard ☐ Am. Express ☐ Check Encl.

Card # \_\_\_\_\_ Expires \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City, ST, Zip \_\_\_\_\_

Credit Card users may call 1-800-READ-NOW

**STACKPOLE BOOKS**  
America's Great Outdoor Publisher  
Department AH  
P.O. Box 1831, Harrisburg, PA 17105





Viking 1177—3 SHOULDER HOLSTER, will fit both large automatics and medium frame revolvers 4". Spring loaded, suede lined, with wide shoulder strap. We accept Visa, Master Charge, Checks, sorry NO COD'S. For FAST, ordering credit card holders TOLL FREE 800-262-6666, CA. (619) 429-8050. Viking, Inc. 2248-2 Main St., Chula Vista, CA. 92011 Send \$2.00 for COLOR Catalog. Refundable with 1st. order.

## target masters

### 1/2 SCALE TORSO SPRINGER

- Max. caliber 44 mag.
- Free standing design, can be placed on any surface!
- Replaceable target, slides into upright base!
- Springer base absorbs impact of bullet!
- Target is made of 1/4" armor plate for longer life and durability.
- Minimum recommended shooting distance 15 yards.
- Available at your local dealer, or contact: Target Masters



On-Target All the Way!

Target Masters

A Division of GKC Manufacturing, Inc.,  
9847 Glenoaks Boulevard,  
Sun Valley, California 91352  
(818) 504-0515

it will hold groups of two inches or less at 50 yards from the rollover prone position using my IPSC match load.

**JW:** What load is that?

**SN:** I'm currently using the H&G 68 SWC bullet ahead of 5.1 to 5.2 grains of Winchester 452AA. It appears to have much lower chamber pressure than the 231 powder that's the current rage, and I believe that it burns cleaner and is more accurate.

**JW:** Will you be offering anything besides the Supercomp?

**SN:** I'm still going to continue making the standard compensator gun as well as carry pistols. I can do just about anything the customer wants, whether it's for match or duty use. Incidentally, the Supercomp will be priced at about \$100 over the standard one.

**JW:** Steve, it's been a real pleasure, and best of luck to you in the future.



## WINDMASTER

continued from page 47

I happen to like heavy PPC guns, shooting one year with a revolver built up on an N-frame Smith that weighed in a full 10 ounces heavier than the *Windmaster*. You will fully develop your forearm muscles with the Davis gun, but I believe the added weight is a benefit to a steady hold.

Field testing the *Windmaster* started on a perfect Southwestern day with the revolver strapped in my Ransom Rest. As I expected, it shot half the size of X-ring groups with factory ammo at 50 yards. Like most guns, it can outshoot me.

Fortunately, after I tested some other revolvers and ammo, a stiff breeze, known as a Santa Ana, came up from the desert. This provided the ideal conditions to test the *Windmaster* against my personal Davis PPC revolver, with a round barrel and a square underlug. I fired some 350 rounds that day, as the breeze gusted from 10 to 20 mph directly across the range. Other than the absence of rain, it felt just like Des Moines, where the Nationals are held and the high winds are notorious.

After retrieving my targets I retired to quaff a cool drink and sort out what I had learned. In still air, the *Windmaster* scores equalled what I could do that day with my older revolver.

When the wind blew—well, let me put it this way—before I can benefit from an aerodynamic exterior on my revolver barrel, I need Bill Davis (or Jack LaLanne) to build an aerodynamic shape for my body.

I found that the wind pressure on my body had more effect on my bullet placement and group size than the force of the wind on my gun. This may not be true for all shooters, but it is for me.

Of course, I already own a Davis PPC gun, and I have done well with it. If I were just starting out, the *Windmaster* would be the way to go. I did think of asking Bill Davis



Target, Police and Combat patented sights and full length rib sights for the competitive shooter.

1984 CAMP PERRY NATIONAL PISTOL Championships 1st and 2nd places won using BO-MARS.

**BO-MAR**

World's Finest Handgun Sights  
at affordable prices



Serrated blade\*

Route 12, Box 405 Longview, TX 75605 214-759-4784  
Send stamped self-addressed envelope for catalog

## THE TINKER SHOP

Specializing in  
Custom Knife  
Supplies

- Blades • Spacer Material
- Nickle Silver • Brass • Ivory
- Laminated Woods • Micarta
- Pearl-Lite

1120 Helen  
Deer Park, Tex. 77536  
(713) 479-7286

Send \$1.50 for catalog.



### Your Handguns deserve the Finest Grips

American craftsmanship in Superior exotic hardwoods and man-made materials. Wide design selection, including silhouette and scrimshawed ivory inlays. The ultimate in fit to frame, feel and finish.

Send for Free Catalog.

**BADGER GRIPS**

Dept. AH  
2054 Youngstown Lockport Rd.  
Ransomville, NY 14131



## FORT KNOX

THE MOST TRUSTED NAME IN SECURITY

WRITE FOR  
FREE  
BROCHURE  
OR CALL  
TOLL FREE  
ASK FOR  
TOM.

TRUE BANK  
RACK & PINION  
GEAR DRIVE.

**FORT  
KNOX**  
SECURITY  
PRODUCTS



THE VAULT  
WITH THE  
RECESSED  
DOOR.

ASK ABOUT  
OUR NEW  
FIRE SAFE  
AND THE  
NEW  
BURGLAR  
PROOF  
CONCEALED  
HINGE  
SYSTEM



1051 N. Industrial Park Road  
Orem, UT 84057 1-800-821-5216



## TYLER'S "T" GRIP

BETTER SHOOTING with this improved cast Aluminum Grip ADAPTOR. For Colt, S & W and Ruger D.A. Revolvers. DURABLE, PRACTICAL—EASY TO INSTALL. THREE ATTRACTIVE FINISH COLORS. POLISHED or BLACK \$6.00; GOLD \$6.50



## TYLER'S TRIGGER SHOE

Durable light weight cast aluminum for Colt, S & W and many other modern pistols, rifles and shotguns. POLISHED or BLACK \$4.50; GOLD FINISH \$5.00

AT YOUR FAVORITE DEALER OR ORDER DIRECT. Send make & model of gun. No C.O.D.'s please. Add \$1.00 for Shipping Charges. Fully Guaranteed. Genuine Stag-Wood & Synthetic Gun Grips. Lee Loaders—Bullet Molds—Gun Accessories. Buck Knives—Hand-made Holsters & Belts. Leather & Clarino.

## New! IVOREX® GUN GRIPS

MELVIN TYLER MFG. AND DIST.

1326 W. Britton Rd. • Oklahoma City, Okla. 73114  
Call toll free 800-654-8415 Outside Oklahoma

## CHOOSE A WINNER

Over 250,000  
Gunbelt Rigs Sold!

Model  
K-86



When ordering by mail: Specify waist size, gun make, bbl. length & caliber. Texas residents add Sales Tax.

100% American made, hand crafted, fully lined, 24 bullet loops. Prompt shipment. Up to 6 1/2" bbl. length - \$69.95. 7 1/2" bbl. length - \$74.95. New! 10 1/2" bbl. length - \$77.95. Send \$2.00 for catalog. Dealers please inquire.

AMERICAN SALES & MFG.  
BOX 677, LAREDO, TX 78040

## ACCURIZE

YOUR OWN .45 AUTO. COMMANDER OR BROWNING HI-POWER

Stainless steel barrel, bushing link & pin match grade ..... \$110.50 PP.  
S&W Model 39 & 59 STAINLESS STEEL BARREL & BUSHING..... \$150.00 PP.  
Stainless steel Browning Hi-Power barrel match grade ..... \$150.00 PP.

## BAR-STO PRECISION MACHINE

73377 Sullivan Road, AH  
29 Palms, CA 92277  
(619) 367-2747

ALLOW 12 TO 16 WEEKS FOR DELIVERY

#12450

## California Challenger

Many new products for practical pistol shooters and law enforcement. Send \$1.00 for current catalog.



Pat. Pend

VISA or MasterCard Accepted.

Davis Leather Company  
3930 Valley Blvd. Unit F  
Walnut, CA 91789 (714) 598-5820

to build me one with the oval running up and down, to counter that other element of shooting in Des Moines, what I would call the Rainmaster.

The Windmaster will add a few points to scores, and is sure to be appearing soon in a winner's circle near you. If shooting in the wind is a problem, try one—you might like it.



## JO ANNE HALL

Continued from page 51

"When you feel like you've done really well, and then you see the national champion run it (a course of fire) twice as fast, it gets discouraging," she explained.

Jo Anne shoots a Clark Bowling Pin Model in .45 ACP with full-house, major loads. She said handling the recoil is "no problem." As advice to other women aspiring to be IPSC shooters, she offered, "You need to realize that you do have the ability to control major loads. It's more an adaption than pure physical strength."

However, she pointed out that some women may feel more comfortable starting out in IPSC with minor caliber loads.

The only exercises Jo Anne performs are push-ups for upper body strength.

And how do the men react with whom Jo Anne competes?

"Most of em think they (women) can't shoot a gun. They think it's great for me to shoot," she said laughing.

In between shooting matches and practice sessions, Jo Anne stays busy as a sales representative for a home health care company. She said she enjoys her work as it helps people who are sick.

Entering her first national championship, Jo Anne said her attitude was positive.

With an impish gleam in her dazzling blue eyes, she smiled at me and paused for a moment before saying, "I know I have the capability to win if I just shoot to my level."



## LADY'S CHOICE

continued from page 62

up constructively rather than negatively by saying "it doesn't kick and it doesn't make much noise". Try that on a two-inch 38 Special!

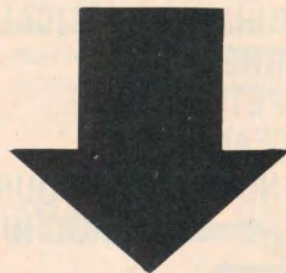
Can a woman hit with these tiny handguns? This appears to be the controlling factor in all this. Off the top of my head I would guess that most confrontations take place at distances of two or three feet. It would be difficult to rape, steal a purse, attack, beat and assault a woman from a distance of six or seven feet. As a result an attacker must move in close.

These tiny handguns have been designed to handle these situations. If a woman will draw the handgun and wait, she can disable the attacker when he makes contact with her.

She need not worry about reloading.

## IS IT THE QUANTITY OR QUALITY OF PRACTICE THAT COUNTS?

See what champion Craig Gifford has to say about it in the '85 HANDGUNNER ANNUAL.



ON SALE NOW!

See Page 93 For Ordering Instructions

## COMBAT AND IPSC SHOOTERS

Extended Magazine Release Assembly for Colt .45 type Autos. Replaces existing release. No drilling and tapping. Available as a complete unit for \$19.95 or just the enlarged button and screw for \$9.95. Enlarged button & screw comes in blue or stainless. Replacement catch comes in blue. Nitex \$4.00 extra.



DEALER  
INQUIRIES INVITED

Blanchi Holsters: Chapman #50/Int'l #52	45.00
Blanchi B-9 Belt or G. Davis #114 Belt	26.00
G. Davis Holster CA. Challenger Low Cut #12450-LC	69.00
G. Davis Holster California Challenger #12450	69.00
G. Davis Holster Usher Low Cut #10450	74.00
G. Davis Holster Phoenix Special #11450	74.00
G. Davis Double 45 Mag Pouch	23.00
Blocker Holsters: Matchmaster	69.95
(X-Draw/Strong side/5" or 6" Bbl) (Basketweave add 10.00)	
Blocker Double 45 Mag Pouch: Slant or Straight	28.95
Blocker Belt	28.95
Blocker Belt or Double Mag Pouches in Basketweave	35.95
Rogers/Plaxco World Speed Holster (5"/6" Bbl)	48.00
Rogers Hackathorn Combat/Revolver/Compensator Model	48.00
Wilson Shock-Buff Kit (Gov't or Commander)	5.50
Wilson Shock-Buff Washers	1.00
Wilson Extended Ejector	18.95
Wilson Commander Hammer	18.95
Wilson Trigger	14.95
Wilson Beavertail Grip Safety (Blue or Stainless)	18.95
Wilson/Rogers or Pachmayr Competition .45 Magazine	21.00
Pro Shot 185.00 Pro Timer II	265.00
Wilson LE-K Compensator Unit	245.00
Breskovich Advantage Grip System for .45 Auto	45.00
John Shaw Speed-E-Load Magwell	28.00
King Drop-in Wide Grip Safety (blue/stainless)	25.00
King Extended Combat Safety (blue/stainless)	18.50
Swenson Ambidextrous Safety for .45	42.50
"Swensight" for .45 Auto	29.95
"Shoot to Win" by John Shaw	11.95
"You Can't Miss" by John Shaw (2nd Edition)	8.95
"Life Without Fear" by Mickey Fowler & Mike Dalton	9.95
Magazine Siam Pads: Black checkered neoprene	1.00
Quickloader Magazine Well	6.00
John Shaw's Magazine Pad	1.75

ALL ITEMS IN STOCK!

MASTERCARD/VISA ORDERS ACCEPTED!

Give number & Expiration Date

Phone orders Mon.-Fri. 4-10 PM EST

Jim 716-672-4218 Mike 716-627-3762

FREE SHIPPING ON ALL ORDERS

NYS Residents add 7% Sales Tax

Send for FREE CATALOGUE

COMBAT CORNER

Dept. AHG Rd. #1 9518 Rt. 60 Fredonia, NY 11803



#1AT-R 3 PIECE RIG



## MILT SPARKS

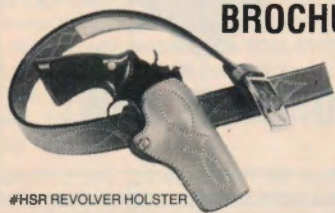
BOX 187

★ IDAHO CITY, IDAHO 83631 ★

(208) 392-6695

**HANDCRAFTED HOLSTERS  
AND BELTS FOR SERIOUS  
HANDGUNNERS,  
FEATURING PRACTICAL  
DESIGNS FOR  
COMPETITION AND  
CONCEALMENT.**

**SEND \$2.00 FOR OUR  
BROCHURE.**



#HSR REVOLVER HOLSTER

## SHOOTER'S CHOICE MC#7

4 oz.  
bottle

**7 Reasons  
Why It's the  
Shooter's  
Choice:**

1. Dissolves and removes loose powder fouling, lead fouling, and copper fouling.
2. Dissolves and removes plastic wad fouling.
3. Lifts and removes carbon deposits and rust.
4. Minimizes new fouling.
5. Used regularly, reduces the need for a lubricant.
6. Performs all these tasks IN ONE STEP!
7. And used regularly, CAN RESULT IN TIGHTER GROUPS!

See your retailer or order direct.

\*Tested and proven by champion shooters and magazines like American Rifleman, Guns & Ammo, and Rifle.

**Straight-Shootin' Gun Care!  
VENCO INDUSTRIES, INC.**

PO Box 598, Dept. AH-9  
Chesterland, OH 44026  
(216) 729-9392



**\$7.50 Ppd.  
or 3 for \$17.95  
MONEY BACK  
GUARANTEE!**

She has four cartridges in the .22 Magnum revolvers and if they will not wrap up the situation then four more probably will not. In my opinion, the psychological effect of an attacker being abruptly shot at from a distance of nine inches with a .22 Magnum cartridge should end the confrontation!

Where should a woman carry her little revolver? Not in the purse. If a woman will take a long, hard look at her clothing and if she is good with needle and thread there should be no problem in finding a dozen places where she can carefully sew a caliber .22 cleaning brush. All she then has to do is ram the brush into the barrel of the revolver.

A woman does not have to do anything fancy to fire these little single action revolvers. When she reaches for one, she pulls it free of the cleaning brush in the barrel, pulls back the hammer, yanks the trigger and the confrontation should be over. No safeties, no long pulls on the trigger, nothing complicated. As for safeties, the first notch, as the hammer is drawn back provides what appears to be a rock solid safety. In order to fire the handgun, the hammer must then be pulled back to full cock.

I believe that any woman, or man for that matter, who jogs, runs, bicycles or hikes and camps would be foolish not to carry one of these handguns. The short barrel models are ideal for concealment. The long barrel models can be used for plinking.

These are not toys. These are well made, practical handguns designed for concealment and close range protection. They are definitely not aggressive handguns. They are strictly defensive. Prices run around \$125. Write directly to the company—Freedom Arms, P.O. Box 1776, Freedom, Wyoming, 83120 for literature and prices.



## 10mm BREN TEN

*Continued from page 59*

ceived setback.

Unlike a .41 Magnum, revolver recoil is straight back, cycling the gun before the arm has much chance to dissipate energy by rising off-line. Powerful recoil-operated autos have to be held strongly, both to manage accurate rapid fire, and to provide proper resistance to the action to complete its cycle. The wide handgrip of the Bren helps to distribute recoil force.

Although the Bren is set up as a large service—read combat—pistol, it is practically of game warden power. Notwithstanding my commitment to .40 bores, I have to admit that the .45 ACP conversion of the Bren is much nicer to shoot. In fact, everything that moderated the Norma 10mm's sharpness served to make the .45 round a pleasure in this gun. Again, the way the mass of the 230-grain .45 hardball "fed into" the Obermeyer-type rifling obviated much of the right-to-left torque sensed in ACPs, particularly lightweight Commanders.

**Clifton  
River  
Gun Service**

For more information write: Dept. AH  
30016 South River Road  
Mount Clemens, Michigan 48045  
(313) 468-1090



- Glare-FREE
- Protects against the harshest elements
- Deep Black Texture
- Improves Sight Visibility
- Blueing Process Developed For Stainless Steel Firearms

Call or write for details ● Dealer Inquiries Invited

## 45 AUTO PISTOLSMITHING SCHOOL

**Learn the PROPER way to tune a 45 auto for full reliability under Combat & Competition.**

YOU will be taught by Bill Laughridge of Cylinder & Slide in an INTENSIVE 1 week hands-on course. YOU will perform all modifications under the guidance of Mr. Laughridge. Course will consist of modification and installation of most practical combat accessories to your 45.

For complete course information, send \$2.00 for brochure.

**CYLINDER & SLIDE, INC.**

P.O. Box 937

Fremont, NE 68025

(402) 721-4277

**Be a  
LOCKSMITH!**  
EARN WHILE  
YOU LEARN  
Send for  
FREE BOOK



Big opportunities. Big profits. Earn quickly. Full or part time. Learn at home. It's easy. Do real jobs: All Tools — Materials Supplied. Lic. State of NJ — Appd. for Veterans. Send Name and address for FREE book.

Locksmithing Institute, Dept. 091-055  
Div. Technical Study Schools, Little Falls, N.J. 07424



**What's  
Our  
Secret?**

**C-H Reloading Equipment  
has:**

- \* User-approved design
- \* Higher Quality
- \* Lower prices

*In spite of that, reloaders buy a lot of it —*

**... and it's been that way for 36 years!**

Tell your dealer HE can get a C-H catalog free. Yours will cost \$2 —, but YOU can get \$3 back on your first direct from C-H order over \$25!

**C-H TOOL & DIE CORPORATION**

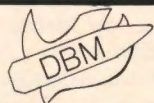
Dept. AH, 106 North Harding Street  
Owen, Wisconsin 54460



## 357/44 B & D CONVERSIONS

S&W 27-28 — Ruger 357-9mm  
TC Contender — Ruger Red Hawk  
**BAIN & DAVIS**  
307 E. Valley Blvd. San Gabriel, CA 91776

## CUSTOM JACKETED BULLETS



Fit to individual's barrel—Available in .38/.357 Cal., 9mm, and .454 Casull Mag. More to come. Send \$1.00 for info., applied to first order. **DBM SPECIALTY**, P.O. Box 58, Holmes, PA 19043

## FANTASTIC SPACE-AGE ELECTRONICS

### LASER WEAPONS, INVISIBLE PAIN-FIELD GENERATORS, MORE...

**Survival writer discovers** ...secret sources for laser pistols, listening devices, ultrasonic pain field generators, paralyzing self-defense protectors, true I.R. see-in-the-dark viewers, absolute security systems, bug detectors, voice scramblers, micro-transmitters, electronic tracking devices, ultra-sophisticated detection and surveillance equipment, police broadcast unscramblers, many more too "hot" to print. Send \$2.00 for giant catalogue (get \$2.00 credit) To: **UNIVERSAL ELECTRONICS**, Dept. HG-910, 15015 Ventura Blvd., Ste #1653, Sherman Oaks, CA 91403 (818) 509-9124

Accuracy is excellent in the Bren, as it seems to be in all centimeter tubes. There is an inherent efficiency in the bore size, coupled with this pistol's combination of advanced design features. Perhaps we'll find a potential Olympic target gun here, as the Bren meets the "not over 10mm" rule currently stated by the International Shooting Union. Although there is presently no attempt in that direction, Mike Dixon informs me that a "comp" gun is under development for IPSC-style matches.

It's always gratifying to find someone taking one's ideas a step further and vindicating a judgement. Dornaus & Dixon, and Norma, put up a lot of money to take the .40 10mm Auto concept into the toughest test arena of all—the free market.

Looking back over my research into .40/10mm/Centimeter guns and cartridges, it seems obvious that this category above most others has its lives in cycles. Up in blackpowder, down in transitional smokeless periods, now up again in a period of many new developments.

It's been a favorite of mine for over a decade. Norma's confidence in the overall concept is most encouraging, since it brings at least one new gun, and the components necessary to make further experimentation much simpler.

Now, perhaps we can work out just what it is that this round is good for: defense; military/police; hunting? There is a version of the .40/10mm/Centimeter that seems perfect for each application.

Then again, in 10 more years we may look back on this round of enthusiasm as just another 'blip' in the up and down life of this middle-child caliber. In the near future, we 10mm enthusiasts are going to find out just how smart we really are.



## THOMPSON TRIO

*Continued from page 37*

If you are a fan of the .38 Super or are considering the purchase of one in the near future you'll be interested in what Auto-Ordnance has to offer. The seemingly inherent inaccuracy of this cartridge/gun has been corrected to the point of acceptable accuracy from the gun as it comes out of the box. This has been accomplished by headspacing the case on the case mouth rather than the semi-rim. For comparison, the Thompson .38 Super (.355" bore diameter—1-16" twist) which headspaces on the case mouth produced groups averaging 2 1/4"-3 1/2" at 25 yards, using both factory ammo and handloads found to be accurate in a SSK Industries custom barrel. Using the same ammo in a Colt Gov't Model, which headspaces on the semi-rim and has the same bore diameter and twist, groups averaged 3"-5" at 25 yards. That's a 25%-30% increase in accuracy. It certainly seems as though the potential accuracy of the Thompson .38 Super is there. With a bit of action tuning and fitting and some development of handloads the A-O Thompson would no doubt produce excellent accuracy.

The last of the Thompson trio is the 9mm. Headspacing on the case mouth, the Thompson 9mm has a .355" bore diameter and a 1-16" rate of twist. This pistol also proved to be very accurate out of the box delivering groups measuring 1 3/4"-3 1/4" at 25 yards, using a variety of handloads and two of Federal's factory loads.

All three calibers are identical in dimensions of the gun, except of course internal modifications to suit the calibers. Retail for each is \$324.95. Compare that to a top competitor's retail price of \$459.50 for basically the same gun.

In summing it up, I believe the Auto-Ordnance Thompson Gov't Model is one of the best buys on the market. I've talked to several combat shooters who, after examining the gun would not hesitate to buy one for competition. I know of two others that are using them regularly and are pleased with their performance. Naturally, the gun must be modified for serious competition, but basically the Thompson is an excellent gun. If you are planning the purchase of a 1911 model pistol you would do well to check one of these out at your local gunshop or for information contact: Doug Nichols, Auto-Ordnance Corp., Dept. AH, Williams Lane, West Hurley, N.Y. 12491.



## .45 COLT OFFICERS MODEL VS. .45 DETONICS

A test and evaluation of  
two of the most popular  
short framed .45's

### WHO WINS?

Draw your own conclusions by  
reading the '85 AMERICAN  
HANDGUNNER ANNUAL.

## AVAILABLE NOW!

See Page 93 For Ordering Instructions



High Quality — Reliable Pistols  
Basic to Full House Competition

Member American Pistolsmiths Guild

**Richard Heinie — Pistolsmith**  
821 E. Adams  
Havana, IL 62644

Please send \$1.00 for Brochure

## LEARN HOW TO OPEN YOUR OWN GUNSHOP

NO PREVIOUS EXPERIENCE NECESSARY

Gun repair, custom ammo-making,  
sporterizing, custom-stocking, sales —  
all are career possibilities for the expert.

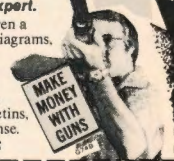
Everything explained step-by-step so even a  
beginner can follow... plenty of photos, diagrams,  
drawings, charts. Tools included so you  
actually learn by doing—precision  
gauges, fine gunsmith's screwdrivers,  
honing stone, checking tools, ballistics  
calculators—plus catalogs, bargain bulletins,  
requirements for Federal Firearms License.

**SEND FOR FREE FACTS**

North American School of Firearms, Dept. NH075  
925 Oak Street, Scranton, PA 18508

Rush me information on how I can learn gun repair and how to open  
my own gun shop. No cost. No obligation. No salesman will visit.

NAME \_\_\_\_\_ AGE \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY/STATE/ZIP \_\_\_\_\_  
PHONE ( ) \_\_\_\_\_





# SHOOT A HANDGUN

Reveals the expert's way to use your handguns safely, effectively and within the law. It describes, with helpful illustrations, the accepted techniques of shooting, and shows you how to choose the best handgun for your particular needs. Learn how and where to shoot, the care and cleaning of your weapons, firearm responsibility, what ammunition to purchase, and much more. Features detailed photos of popular handguns plus a special chapter on defensive pistol shooting. SHOOT A HANDGUN is the complete manual of handgun instruction that you'll refer to again and again. Includes a glossary of handgun terms. Make it part of your home library now! Only \$8.95 plus \$1.00 for postage and handling.

**HANDGUNNER BOOKS** Dept. 76-H9  
591 Camino de la Reina San Diego, CA 92108

Send me a copy of SHOOT A HANDGUN. Enclosed find \$8.95 plus \$1.00 for postage and handling.

Charge my Credit Card ☐ Visa ☐ MC

Number  Exp. Date  Initials

NAME

ADDRESS

CITY  STATE  ZIP

California residents, add 6% sales tax. Allow 4-6 weeks for delivery.



Buy a set of Lyman "AA" dies\* in calendar 1985, send in required proofs of purchase (including dated sales receipts, special die set coupon) and Lyman will send you — absolutely free — your single choice of current Lyman publications\*.

That's right. A free Lyman book worth up to \$16.95! The perfect addition to your reference library or gift to a friend. Remember, Lyman Handbooks set the standards by which similar publications are judged.

Full details of the Free Handbook Offer, plus complete listings of reloading die sets — plus much more — appear in our 1985 full color catalog. Write for your free copy today.

Ask your dealer about Lyman precision reloading die sets now. Offer expires 12/31/85. Don't miss this bargain!

\*Must be listed in 1985 Lyman catalog; limit one book per consumer purchase.

Lyman Products Corporation  
Dept. AH 2095A  
Rt. 147, Middlefield, CT 06455

## CHOP JOBS

Continued from page 55

How did 300 Gunsmith Service manage that? Well, they didn't simply pull out the ole hacksaw and hack away. No, they severed the barrel behind and in front of the factory lettering. In other words, they took the middle of the factory barrel for their snubby spout.

This entails recutting the forcing cone and rethreading the barrel to attach it to the frame. Herein lies the reason other 'smiths merely lop off the tail end of the barrel—they can't be bothered to recut and rethread. The easy way out.

But not for 300 Gunsmith Service. No short cuts or hasty hacksawing with these folks. It's not "too much trouble" for the highly skilled artisans at 300 Gunsmith Service. They construct a new front sight and securely attach it to the mid-section of barrel as well as precisely cutting a new forcing cone and threads.

In this manner they retain the original ejector rod locking bolt housing. They point out that a factory .357 Magnum snubby ejects the same length cartridges as the .44 Magnum, so there is no need to make a longer ejector rod. Indeed, their conversion ejects empties flawlessly.

The other handgun pictured, a Charter Arms .44 Special, does not have factory lettering on the barrel for good reason—it's not a factory barrel. The Charter is a thoroughly customized snubby with a custom barrel machined with a configuration of a Browning Hi-Power slide.

Both the custom Charter and the custom Smith feature double-action trigger jobs that are as smooth as Kojak's head and twice as slick.

Both are adorned with gorgeous and utilitarian Ebony stocks from Fuzzy Farrant, distributed by 300 Gunsmith Service.

The Charter sports an attractive finish with the slab sides of the barrel polished to a high luster, and the top strap finished with a course grit to reduce glare.

The Smith's frame has been reworked to the round-butt K-frame configuration, and features a soft matte finish.

And here's the best news of all—you can own one of these fine custom snubbies. They are not merely one-of-a-kind show pieces. 300 Gunsmith Service will convert your Charter for \$475 and your Smith for \$450.

If you want a classy conversion—not just a chop job à la hacksaw—check out 300 Gunsmith Service.



## STEEL CHALLENGE

Continued from page 45

sweet shooting Wilson Accu-Comp (.38 Super) and her ability to concentrate on accuracy and allow speed to come naturally. Lee understands that fast misses cannot overcome deliberate, accurate hits.

Many spectators had their eyes on defending IPSC Ladies Champ Jo Anne Hall, but Jo Anne finished a disappointing sixth. Part of her problem came from shooting an unfamiliar pistol, very muzzle heavy at 42 ozs. But, in fairness to Lee, no piece of equipment alone could surpass the blasting of Arkansas' First Lady of Shooting.

Other ladies who fared well include runner-up Joanna Fichman and third place finisher Linda Zubiena. (You may recognize Linda in the Kellogg's Special K "can't pinch an inch" TV commercials.)

### THE SHOOT-OFF

The top 32 men were paired according to their finish—first paired with second, third with fourth and so on—for Ruger's Team vs. Team shootout. One might expect the team of first and second (Leatham and Mullins) to be unbeatable, but for the second year in a row the one-two combo didn't win.

The shoot-off consisted of four plates staggered in a row (like *Five To Go*), two 12-inch plates at spittin' distance, three Pepper Poppers at pool cue distance, and a stop plate. Shooters divided the plate duty by giving the 'hoser' on the team the close targets, and the accuracy-man the far plates at 12-18 yards. Some teams changed off during the best of five bouts when one member seemed to be lagging. Most teams stuck with the "speed man takes close, sniper man takes far" strategy.

Sitting in specially reserved front-row seats throughout the four hour shoot-off was the President and his entourage.

The shoot-off was timed with Pro Timers from Competition Electronics as was the entire Steel Challenge. The timers performed flawlessly and even detected a loose wire leading from the stop plate on one course of fire. Without the timer's 'intelligence,' the shooter affected would have gotten a bum time. The shooter in question was no one special—World Champion Rob Leatham!

As the shoot-off methodically progressed to the Finals, four teams emerged as the *creme de la creme*. Mike Plaxco and "Tommy Gun" Campbell looked strong as did Leatham and Mullins. But the two teams that progressed to the Championship Bout were Rick Castelov and Tim Knutsen against Jason Cole and Mark Moore.

Shooting the best of five bouts, the two teams struggled to 'sudden death' at two bouts each. Winner of the last bout took home the goodies provided by Ruger. The tension in the crowd was almost palatable as Chief Range Officer Bill Kuehl issued the commands, "Standby, red-deeee!"

At the buzzer four guns cleared leather and the sound of gunfire mixed with the clangs of bullets smacking steel. Less than four seconds later, all 20 plates were down and Castelov and Moore were victorious.

The Ladies Shoot-Off was not as exciting. Lee Cole and Joanna Fichman approached the shoot-off with surgical precision. They eliminated all who faced them, and never lost a single bout. They won handily.



## SUPPORT THESE MAJOR SPONSORS!

### Full Stage Sponsors

AMERICAN HANDGUNNER  
COLT  
SIGARMS  
WINCHESTER  
AIMPOINT  
ROGERS HOLSTERS

### Specialized Sponsors

GUNS AND AMMO  
STURM RUGER  
MICHELOB  
SMITH AND WESSON  
S&S PRECISION BULLETS  
PMC  
L.L. BASTON  
MOSSBERG

\*There were a total of 109 industry sponsors, but space limitations restrict the listing to only major sponsors as designated by the Steel Challenge Directors.

A shotgun shoot-off followed based on the top finishers in the Shotgun Event, a 'fun match' shot in conjunction with the Challenge. John Shaw won the shotgun event with a Remington 1100 and Winchester ammo.

Since the Steel Challenge began five years ago, the prize purse has grown astronomically. This year's \$200,000 is expected to reach over the quarter million dollar mark in 1986. There is good reason to expect the

Steel Challenge to become the richest purse on the professional pistol shooting circuit in the near future. Each and every shooter took home a nice prize; many took home one or more of the 54 firearms offered as prizes.

So what do you have planned for early April, 1986? Whatever it is, I can assure you it won't be as much fun as shooting the Sixth Annual Steel Challenge.



## BOOK REVIEWS

*The Pistol Book* by John Walter. 176 pages, hundreds of illustrations and photographs. Hardbound, format 7½ by 10 inches. Arco Publishing, Inc., 215 Park Avenue South, New York, NY 10003. \$19.95

Having read and appreciated two of John Walter's previous books, *Luger*, and *The German Rifle*, I am again impressed by the amount of accurate information he manages to impart in a minimum number of pages. The collector or firearms scholar should note that this latest work does not cover the older handguns. Instead, it's a comprehensive treatment of the handguns that are currently available.

Although it's titled *The Pistol Book*, revolvers are included. Actually, there is also a lot here for the serious student of firearms, as the listing, from AFAMSA to Zoli, is by manufacturers. With each name, Walter supplies a brief background of the firm, and its mailing address.

Writing in England, Walter has the proximity to Europe that allows him to cover in detail all of the handguns that are made there, and the U.S. reader may be amazed by the numerous good designs that are not available in this country.

This doesn't mean, though, that U.S.-made pistols and revolvers are neglected—these are also covered. A few prototype and experimental guns are shown and discussed. For example, on page 106 there is an excellent photo of a short version of the Mauser HSp, a pocket-sized 9mm that is not yet in production.

In his other books, Walter has had an affinity for charts and symbols, but these are minimal here, serving only to show the types of arms made by each manufacturer. Three charts are very useful. He calls them 'Com-paracharts,' and they cover handguns for personal defense, military, and target use. These rate each gun in the areas of cartridge suitability, value-for-the-money, quality, technology, takedown ease, performance and list the countries in which each gun can be purchased. You may not agree with all of his ratings (I don't), but they are interesting, and are a handy reference.

This book was compiled in 1983 and published in the U.S. in 1984, so it is very up-to-date, including such things as the Agner target pistol and the Steyr GB. Reference is made to some handguns that are no longer in production, especially when there is an unbroken progression to the current models.

The entries are in alphabetical order, and this makes it easy to find any particular gun. Single shot handguns and blackpowder arms are included. At the start, Walter gives a brief summary of current military and commercial handgun trends, and there is a short but comprehensive section on the various operating systems. At the end, there is a similar section on cartridges.

As a directory to the handgun manufacturers of the world, this is an excellent and useful book. Hidden among its catalogue-style listings, there is also a lot of good reference information. I know I'll be reaching for it often.

—J.B. Wood

## WHY SHOULDN'T THE INEXPERIENCED SHOOTER HAVE THE MOST SOPHISTICATED WEAPON HE CAN AFFORD?

Read what engineer, ballist-  
cian, and inventor Jack  
Breskovich, has to say in the  
'85 HANDGUNNER ANNUAL.

## ORDER YOURS TODAY!

See Page 93 For Ordering Instructions

## LEARN GUN REPAIR

MAKE EXTRA MONEY AT HOME  
IN YOUR SPARE TIME

YOU CAN BE AN EXPERT  
GUNSMITH IN LESS THAN  
SIX MONTHS

START NOW AND GET INTO A CAREER  
YOU'LL REALLY ENJOY!

PROVEN METHODS • CHARTS • EXPLODED VIEWS  
ACCREDITED & APPROVED BY STATE & NATIONAL  
AGENCIES & BY THE VA FOR GI BENEFITS

IT'S SIMPLE & EASY!  
SPECIAL TOOLS-EQUIPMENT-CATALOGS.  
NO PREVIOUS EXPERIENCE NEEDED.

OUR FAMOUS STAFF OF EXPERTS WILL TEACH  
YOU STEP-BY-STEP HOW TO: • BUY WHOLE-  
SALE • GET YOUR FEDERAL FIREARMS LICENSE  
• START YOUR OWN BUSINESS • REFINISH &  
CHECKER • CUSTOMIZE • ACCURIZE •  
SPORTERIZE • BLUE AND BROWN • RELOAD •  
• BASIC AND MASTER GUN REPAIR •  
PLUS MUCH, MUCH MORE!

LEARN EVERYTHING YOU'LL NEED TO KNOW TO  
GET YOU STARTED IN THE CAREER YOU WANT!  
LIFETIME CONSULTATION SERVICE AT NO COST.  
BE A SUCCESSFUL GUN PRO!

OVER 40,000 STUDENTS SINCE 1946  
Send for FREE FACTS or call 602-990-9346

Please RUSH FREE facts on how I can become a professional gunsmith  
the QUICK easy home study way. No Obligation. No salesman will call.  
CHECK FOR VA or GI ☐ ACTIVE ☐ RETIRED

NAME \_\_\_\_\_ AGE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

MODERN GUN REPAIR SCHOOL dept. MF95  
2538 N. 8th ST. PHOENIX, ARIZONA 85006



# Unique is unique

By Terry M. Boyer

Recently, a friend of mine, who is just getting started in handloading, dropped by while I was loading some .45's in my 'War Room.'

Soon, he was browsing through several of the loading manuals, and then checking out the various bullets and powders in the storage area.

Finally, he brought up the reason for all of his browsing. He commented that it looked like I had a can of every type and brand of powder on the market, but he couldn't understand why I had so much *Unique*, when it wasn't the best powder for any of the calibers that I load.

It wasn't the first time that I have gotten a reaction like that from someone when I've mentioned using *Unique* powder.

I carefully explained to my friend that *Unique* has performed very well for me in a number of loadings, that it is a very good powder to use in some calibers, in other calibers it may be the best powder, and that it has performed well for me in *all* calibers that I have loaded it in.

Undoubtedly, various handgun calibers perform at their supreme excellence with what I call 'specialty powders.' These are the powders that give maximum velocities and accurate groups with a spe-

cific bullet weight, bullet style, primer and powder charge. If you change one element of this formula, you end up with patterns instead of groups, or dangerous pressure signs.

I have found no other powder that performs so consistently in *all* calibers as *Unique*. This is especially true when using cast or swaged lead bullets.

Besides being an active IPSC shooter, I am also the firearms training officer for my department. Our officers can carry .38's, .357's, or .45's. We use hard cast lead SWC loaded at or near the velocities of our duty ammo for all of our practice and training. We have been using *Unique* in loading these practice loads for several years now, and have been very pleased with the results for several reasons:

1. *Unique* can provide the velocities we want without excessive pressures.
2. *Unique* is more economical than some of the various 'specialty powders.'
3. *Unique* reduces our inventory, and also reduces the possibility of mistakes in powder charging.

For several years I had heard about the superiority of Win-

*Hercules Unique powder is perhaps your best choice as a versatile pistol powder.*



## WINCHESTER 231 in .45 ACP

Grains	Bullet	Velocity	5-Shot Group
5.0	200 SWC	783 fps	2.20"
5.1	200 SWC	785 fps	4.30"
5.2	200 SWC	791 fps	4.80"
5.3	200 SWC	800 fps	3.80"
5.4	200 SWC	818 fps	3.60"
5.5	200 SWC	823 fps	4.20"
5.6	200 SWC	827 fps	4.90"
5.7	200 SWC	834 fps	2.30"
5.0	230 FP	745 fps	3.40"
5.1	230 FP	751 fps	2.70"
5.2	230 FP	756 fps	5.30"
5.3	230 FP	763 fps	4.30"
5.4	230 FP	768 fps	3.90"
5.5	230 FP	775 fps	5.30"
5.6	230 FP	786 fps	4.60"
5.7	230 FP	793 fps	2.10"

## HERCULES UNIQUE in .45 ACP

Grains	Bullet	Velocity	5-Shot Group
5.8	200 SWC	823 fps	2.25"
5.9	200 SWC	829 fps	1.70"
6.0	200 SWC	833 fps	4.15"
6.1	200 SWC	835 fps	3.00"
6.2	200 SWC	851 fps	3.60"
6.3	200 SWC	860 fps	4.10"
6.4	200 SWC	871 fps	2.10"
6.5	200 SWC	881 fps	3.00"
5.8	230 FP	818 fps	4.70"
5.9	230 FP	826 fps	2.70"
6.0	230 FP	833 fps	3.20"
6.1	230 FP	838 fps	4.20"
6.2	230 FP	844 fps	5.00"
6.3	230 FP	850 fps	3.00"
6.4	230 FP	857 fps	2.50"
6.5	230 FP	862 fps	3.50"

Continued on page 92



# A FEW THINGS THE SERIOUS HANDGUNNER RELYS ON...

Today's shooter needs three things to be thoroughly involved in the sport of handgunning: a well balanced accurate firearm, complete gun leather, and a subscription to AMERICAN HANDGUNNER.

Whether you are an avid competitor or a weekend plinker, the AMERICAN HANDGUNNER is written for you. It's the only magazine in the nation devoted exclusively to handguns. The AMERICAN HANDGUNNER covers all the aspects of handgun activity with in depth test reports, conversion information from top competitors and much more!

Each issue features exciting regular articles on:

- \*Competitive shooting
- \*Self-Defense handgun news
- \*Handgun Hunting
- \*Pistolsmithing
- \*Customizing handguns

Plus in each issue you have a chance to win a one-of-a-kind Customized Handgun in HANDGUNNER's "Custom Gun Giveaway."



**America's Only Magazine Devoted  
100% to Handguns**



## FREE! HANDGUN SELF-DEFENSE DIGEST

With your paid subscription. A digest of the best of today's handgunning literature. Including chapter excerpts from "7" BEST SELLING Defense books. (A \$3.95 value.)

**YES! Start my subscription to AMERICAN HANDGUNNER today for the term indicated below. I understand that I will also receive a HANDGUN DEFENSE DIGEST, Free with my paid subscription.**

☐ 1 year \$11.95    ☐ 2 years \$19.95    ☐ 3 years \$27.95

Outside U.S. add \$6.00 per year for postage.

Amount enclosed \$ \_\_\_\_\_ ☐ Bill me

Charge my credit card No. \_\_\_\_\_

Exp. Date \_\_\_\_\_ Initial \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

(Allow 4-6 weeks for delivery.)

Mail to: AMERICAN HANDGUNNER Dept. H9  
P.O. Box 16439, San Diego, CA 92116



# HANDGUN MARKET CLASSIFIED

## ACCESSORIES

**IF YOU TAKE LIFE SERIOUSLY...**...peruse our Procurement Index featuring specialty equipment used by professionals worldwide. Concealment holsters, electronics, disguised and unconventional weaponry from under \$20.00 to over \$2,000.00. The catalog is \$3.00 from: A.S.P., Box 18595/AH, Atlanta, GA 30326.

**FULL-AUTO RUGER 10-22, 1200 rpm, Guaranteed to work Mtrls. Incl. Complete in 1-hour. Simple and reliable, \$10. Sweat, 612 E. LaPlata Street, Farmington, NM 87401.**

**Zebrawood target handgrips (with thumbrest) for Ruger, Mark and AMT, Lightning autopistols \$16.95 pair — State whether for righthand or lefthand use: OMWhite, 24 Scofield Heights, Poughkeepsie, NY 12603.**

**GUNS RELOADING tools, gun cabinets, gun cases, everything for the shooter at discount prices. Fast shipments, free catalog. Esman's, Pitcairn, PA 15140. Phone (412) 243-7515.**

**HAND GUN Caddys — All nylon molded, mounts under tables, desks, dressers, bed boards, on metal, etc. Hardware included, \$10. Check or Money Order. Specify Cal.: B.G. & R. Inc., P.O. Box 141021, Coral Gables, FL 33114.**

**BOWLER'S OLYMPIC GRIPS.** Custom made anatomical target grips in walnut. Individually carved to your hand print. Available for over 40 pistols. Prices from \$50. NEW! Anatomical grip for 45 auto using Clark, Aimpoint or NPC mount. We have moved to new larger premises due to world wide demand. Send for model list and order form to: **LESLIE BOWLER LTD., THE POST OFFICE LITTLE BYTHAM, GRANTHAM, LINCOLNSHIRE, NG33 4QJ0, ENGLAND, "THE BEST OF BRITISH."**

**Exotic Hardwoods — Over 50 species for the knifemaker & stockmaker. Briar, Blackwood, Bocote, Burles, Cocobolo, Ebonyes, Ironwood, Rosewoods, Snakewood, Tulipwood, Zircote. Gilmer Wood Co., 10426 N.W. Laidlaw, Portland, OR 97229. (503)292-4182.**

**LEGAL PISTOL STOCK for Ruger's and Govt. models. No modification or attachment necessary. Write for free catalog. Assault Accessories, Dept. 1, P.O. Box 8994 CRB, Tucson, AZ 85738.**

**Ballistic Faceguard, constructed of 20 layers of Dupont Kevlar (R). 27 ounces of Protection that exceeds the IIA standard for Police body armor. Reinforced open eye slot, \$125.00 cash or M.O. post paid. Information \$1.00: Franse, P.O. Box 3347, Boulder, CO 80307.**

**Pistolsmiths — Ordnance Improvement has 10 models of Government Model barrel. On hand, in stock...delivered in a flash. \$93.50 retail standard 5, 6, 7" units in .45, .38 Super, 9mm. One piece, forged units of match grade. The "Pin Gun Special" — 7" of 35 R/C hard 4-16 stainless, specially designed to carry compensators and/or counter-weights, \$145.00, add \$3.00 shipping. Many other new items. Catalog \$1.00: Ordnance Improvement, P.O. Box 3356, Northridge, California 91323.**

## AMMUNITION

**EXCALIBUR WAX PELLETS, for .38 spl., 9 mm Luger, .380, .41 mag., .44 mag., .45 L.C., .45 aep. Inexpensive practice approximately 1/2 velocity of factory ammo. No ricocheting, no reloading tools, no gun powder, uses shotgun primers only. 100 pellet sampler w/6 reusable cases \$5.00. Special weapons catalogue \$1.00. M & M ENTERPRISES, Box 64 AHG, Island Lake, IL 60042.**

## BOOKS

**YOUR STATE'S FIREARMS LAWS, published City Ordinances, pistol laws, concealed weapons laws. \$2.00: Interstate, Box 19466-AHL, Houston, Texas 7724.**

**LIFETIME PERSONAL FIREARMS RECORD BOOK.** Record information on 250 firearms in case of theft or loss. \$2.00: Interstate, Box 19466-AHR, Houston, Texas 77244.

**GUN LAW REFERENCE BOOKS:** 1) Traveling With a Gun, 2) 100 Questions-Answers, 3) Federal Firearms Laws. All 3 books \$4.95: Interstate, Box 19466-AHP, Houston, Texas 77244.

**CATALOG OF FREE GIFTS.** Over 1,000 things you can get free just for asking. \$2.98 plus \$1.00 Postage/Handling. Money back guarantee. Interstate, Box 19466-AHF, Houston, Texas 77244.

Classified ads \$.75 per word per insertion. (\$.60 per word-per insertion for 3 or more) including name and address (20 word minimum). Minimum charge \$15.00. Copy and rerun orders must be accompanied by PAYMENT IN ADVANCE. NO AGENCY DISCOUNTS. All ads must be received with advance payment no later than the 15th of each month. Example: Closing for Sep/Oct 1985 issue (on sale August 15) is May 15th. Ads received after closing will appear in the following issue. Please type or print clearly. —PLEASE NOTE\*\*\* NO PROOFS WILL BE FURNISHED. — Include name, address, post office, zip code, city and state as counted words. Abbreviations count as one word each. Mail to AMERICAN HANDGUNNER MAGAZINE, 591 Camino de la Reina, Suite 200, San Diego, California 92108.

**STATE PISTOL LAWS, latest pistol carrying, purchasing, etc., regulations for all states and FEDERAL GUN LAWS.** Both booklets \$4.00. **POLICE EQUIPMENT CATALOG** \$2.00. Schlesinger, Department E., P.O. Box 882, New York, NY 10150.

**IN THE GRAVEST EXTREME** by Massad Ayoob. How and when to use a gun, authoritatively written by an active duty policeman. For your copy, send \$7.95 (includes postage) to: GUNS BOOKS/Dept. CA-H09, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**NO SECOND PLACE WINNER** by Bill Jordan. A fascinating book about gun fighting and the equipment to use, from loads to leather. \$8.50 + \$1 post. GUNS BOOKS/Dept. NS-H09, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**SHOOT A HANDGUN** reveals the expert's way to use your handguns safely, effectively and within the law. Learn how and where to shoot, firearms responsibility, what ammunition to purchase, and more. Special chapter on defensive pistol shooting, plus a glossary of handgun terms. Only \$9.95 postpaid. GUNS BOOKS Dept. SH-H09, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**1984 AMERICAN HANDGUNNER ANNUAL.** Includes reports on New Handguns for 1984. Airgun Review, Self-Defense Handgunning, 500 Best Places to Shoot Across the U.S. plus much more! Only \$4.95 postpaid. HANDGUNNER ANNUAL, Dept. HG-A, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**1984 REDBOOK OF USED GUN VALUES.** Discover what your firearms are worth in the most reliable source book ever published. A comprehensive volume that covers rifles, handguns and shotguns, it contains more than 3500 listings. Only \$4.95 postpaid. REDBOOK, Dept. RB, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**1985 GUNS ANNUAL AVAILABLE NOW!** 25 All new articles for the gun enthusiast on Rifles, Handguns, Shotguns and Armed Self-Defense Tactics. Plus highlights on Holsters, Airguns and Black Poser. Only \$4.95 postpaid. GUNS ANNUAL, Dept. GA-H09, PO Box 16025, San Diego, CA 92116.

**FEDERAL GUN LAWS.....\$3.95. STATE GUN LAWS:** your own STATE.....\$2.25. **ALL FIFTY STATES.....\$4.95. FEDERAL REGULATIONS ON INTERSTATE TRANSPORTATION OF FIREARMS.....\$2.95. CONCEALED WEAPON PERMIT BOOKLET.....\$2.50. FEDERAL LICENSED FIREARMS COLLECTOR.....\$3.95. ALL of above \$20.00. STEVE'S GUNS & SURVIVAL EQUIPMENT, P.O. BOX 780-AHC, MOCKSVILLE, NC 27028.**

**OUT-OF-PRINT Books Found. Send Wants. LARGE CATALOGUE \$1.00; Booklook, 51AC Maple Ave., Warwick, N.Y. 10990.**

**BE A GUN DEALER.** FFL Kit \$4.95; Gun Dealer's Bible \$4.95; Gun Importer Kit: Be an FFL Gun Importer \$4.95; Gun Dealer Record Books: Firearms, Ammo, Bill of Sale, Gunsmith, Blackpowder, bookkeeper \$5.95; Personal Firearms, Hunting Journal, Handloaders Record, Knife Collector's Record: Steve's Guns & Survival Equipment, P.O. Box 780, Mocksville, N.C. 27028.

**NEW CATALOG from the publishers of the ACTION LIBRARY!** The best new books on martial arts, weaponry, survival, revenge and more! Send \$1.00 to: PALADIN PRESS, P.O. Box 1307-JAA, Boulder, CO 80306.

**SCREW 'EM! Revenge is sweet with GET EVEN:** The complete Book of Dirty Tricks. Stop being the victim and strike back. Hardcover, 190pp., money-back guarantee. Send \$15.95ppd. to: PALADIN PRESS, P.O. Box 1307-JAH, Boulder, Colorado 80306.

**PERSONAL Firearms Record Book.** A detailed Lifetime record of your Firearms designed for collector's and shooter's alike. A must for any Gun enthusiast...\$7.95, 2 for \$15.00: STEVE GUNS & SURVIVAL EQUIPMENT, P.O. BOX 780-AHA, MOCKSVILLE, NC 27028.

**STATE GUN LAWS your own STATE \$2.50. All fifty STATES \$4.50. FEDERAL GUN LAWS \$3.50; PERSONAL Firearms Record Book \$6.95. All of ABOVE .....\$15.95: Military Specialties, P.O. Box 12819, Winston-Salem, NC 27117-2819.**

**FREE Wholesale Catalog.** Guns, Scopes, Reloaders, Supplies. Alpine Range Supply, Rt. 7, Box 356, Ft. Worth, TX 76119.

**MASTER TIPS** Collected by Jon Winokur. Competition "Manual of Arms" features personal instruction from the world's top practical shooters. Advice on equipment, technique, training, mental aspects. Clearly explained and illustrated. \$11.95ppd. From: Potshot Press, Dept. AHC, P.O. Box 1117, Pacific Palisades, CA 90272-1117.

## BUSINESS OPPORTUNITIES

**LICENSED FIREARMS DEALER APPLICATION KIT.** Most complete available. Free ID Card and Wall Certificate. \$5.00: Interstate, Box 19466-AH, Houston, Texas 77224.

**BE A GUN DEALER,** Official three year Federal Firearms License Kit, very complete.....\$4.95; GUN DEALER'S BIBLE .....\$60 subject.....\$4.95; GUN DEALER'S BOUND RECORD BOOKS the very best: Firearms.....\$7.95, Ammo.....\$7.95. All of above \$25.00. **FREE CLASS III KIT with \$25.00 ORDER: STEVE'S GUN & SURVIVAL EQUIPMENT, P.O. BOX 780-AHB, Mocksville, NC 27028.**

**Wholesale catalog (Dealers only)** Leather goods, scabbards, holsters, wool Indian rugs, saddles, cowhides, sheepskins. Send business letterhead: El Paso Saddleblanket Company, 5000 Alameda, El Paso, Texas 79905.

**\$10-\$360 WEEKLY/UP, MAILING CIRCULARS! No Quotas.** Sincerely Interested, Rush stamped envelope: Marketing International, Box 20728-AH9, San Diego, CA 92120.

You can achieve a world class income by working at your own home-based food business. Everyone eats! Everyone is a customer! This is a new idea in food marketing that can make your dreams come true. It will work if you enjoy meeting and talking with people, good food and making money. \$1 details. Earl Russell, 581 Locust, Hazleton, PA 18201.

## COLLECTORS

**Lead Soldier Molds — Free Brochures, catalog \$1.00 (refundable) soldier and Catalog \$2.00: Coastal, Box 44-H, Cedar Grove, NJ 07009.**

**RUGER MAGNAPORT COLLECTORS:** Large collection of Custom Series for sale — Mark V, Backpackers, Tomahawks, Safari Series (Buffalos, Elephants). Singles and complete series; many numbers. Let us know your needs. Box 3252, Grand Rapids, Michigan 49501.

## EMBLEMS & INSIGNIA

**CUSTOM EMBROIDERED EMBLEMS-DECALS-PINS.** Free catalog/Quotes. Highest Quality. Guaranteed Lowest Prices. Rush Sketch. STADRIAH, 61 Jane Street. N.Y.C. 10014. (212)929-2293.

**TOP QUALITY ALL-FABRIC PATCHES FOR YOUR JACKET OR CAP!** Guns Team Member Patch: \$3.50, American Handgunner 1st Patch: \$3.50, 25th Anniversary Guns Collectors Patch, \$5.00. Special-all 3 patches only \$11.00 postpaid. GUNS Patches, Dept. GP-H09, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

**CUSTOM EMBROIDERED EMBLEMS — Enameled Pins, Your Design, Low Minimum, Excellent Quality, Low Prices, Free Booklet. A.T. Patch Co., Dept. 93, Littleton, NH 03561. (603)444-3423.**

## FIREWORKS

**Salutes and Cannon crackers home made. The Best! Simple easy method, my secrets revealed. Details: Browns Diversified, Box 53, Fishers, Indiana 46038.**

**ROCKETS, COLORED SMOKE DYES** for signalling, survival applications. M80 Salutes, Fireworks — you construct. More! Catalog \$1.00. NorStarr, Box 5585, Pocatello, Idaho 83202.

**Fireworks! Direct from the factory. Buy for less. Save Money. Catalog \$1.00 refundable. Great Lakes Fireworks, P.O. Box 5324, Cleveland, OH 44101.**

**FIREWORKS — An American Tradition.** Safe, exciting, patriotic. Lowest prices. Illustrated color catalog \$1.00: SPARTAN FIREWORKS, Box 792(AH), Tiffin, Ohio 44883, or call 1-800-821-2483.

**FIREWORKS FROM CHINA:** All at low-low prices. Illustrated catalog \$1: CHINA IMPORTERS-WHOLESALE LTD., Box 347212, Parma, OH 44134.

**GET CHEMICALS** for fireworks, explosives. List of sources plus pyrotechnic formula catalog \$1.00: D & R Enterprises, Box 15643, Columbus, OH 43215-0643. OH 43215.



**FIREWORKS: ROCKETS, ROMAN CANDLES, FIRE-CRACKERS, MISSILES AND MUCH MORE!! BUY AT WHOLESALE PRICES!! SEND SASE FOR FREE ILLUSTRATED CATALOG TO: LOTUS FIREWORKS, P.O. BOX 3179, TEMPE, AZ 85281.**

## FOR SALE

**NAZI MARCHES.** Hour cassettes \$6.50@ or nine for \$40.00. Free list. Send SASE: NSDAPAO, Box 6414-AH, Lincoln, NE 68506.

**SMALL NAZI COLLECTION \$150.** Fox 12GA. double barrel shotgun \$300. From estate Bronze collection — Indians, horses, dogs \$150-up. 305-832-4083.

**FOR SALE:** War relics, militaria, head gear, edged weapons, field equipment, medals, badges military books and records, etc. Send \$5.00 for latest lists. (Also interested in buying military.) Globe Militaria Inc., R.F.D. 1, Box 269, Keene, NH 03431.

**FOR SALE:** Custom handgun stock business. Includes all machines, materials, stocks and patents. Will train new owner. For information write: Jim Detrick, 17650-157th Ave. SE, Renton, WA 98058.

## GUN PARTS

**MOUNT w/rings (Nazi WW2 ZF4 Scope/K43) \$250pp.** Graaff, PB. 8027, POSTERHOLT, NETHERLANDS.

## GUNS FOR SALE

We will sell you any new handgun at 10% over our cost. Write today for free price quote(s). Send us a complete description of the handgun(s) you are interested in purchasing and we will mail you a firm price quote along with ordering details. No catalogs or phone quotes please. We also pay cash for used handguns. Bullseye Arms, 701 N. 20th Street, Banning, California 92220.

**Buy guns wholesale! Free FFL Application kit with Dealer Record Book purchase, \$6.00 complete.** Empire, Box 80B, Pinos Altos, NM 88053.

**ROBERTS CUSTOM GUNS —** Greene's Gun Shop Handgun specialist, build and competition tunes custom guns built. 4778 North Monkey Hill Road, Oak Harbor, WA 98277. (206) 675-3421. Send S.A.S.E. for Brochure.

## GUNSMITHING

**LATHES — MILLS — TOOLS —** Unimat 3", Compact 5", Compact 8", Compact 10", Maximat Super 11" and V-13 lathes. Jet lathes and mills. Emco Maier FB-2 and Sherline 5000 bench top milling machines. Measuring instruments, cutting tools, chucks and collets. Catalog \$1.00. Blue Ridge Machinery and Tools, Inc., P.O. Box 536-N, Hurricane, WV 25526. WV call 1-562-3538. Outside WV 1-800-872-6500.

**PISTOL ACCURACY:** tapered seat Colt auto compensator \$80 installed complete. Brochure \$1. Randall Thompson, 654 Lela Place, Grand Junction, CO 81504.

**CUSTOM .45 GUNSMITHING,** Police and combat competition modifications a specialty. For freepress list send SASE. JIM HOAG, 8523 Canoga Ave., Suite "C", Canoga Park, CA 91304.

**Custom work.** Solid bronze buckle & paperweights. Send us your design. Rough sketch will do. Free estimates. Baxendale's Custom Work, 4114-HD Sneed, Nashville, TN 37215. (615) 297-1975.

**Police-Combat** accurizing, rebuilding. .45 autos (and G.I.), Browning, S&W J.K.N. Police discount. SASE for info: R. Dickinson, 1231 Winlock-Vader Rd., Winlock, WA 98596.

## INSTRUCTION

**FUNDAMENTALS OF COMBAT PISTOLCRAFT.** N.P.I. is now accepting applications for the instruction of qualified students in the basic practical skills of modern defensive pistol craft. For information and applications, send \$1.00 to: Northeast Pistol Institute, Dept. 714C, PO Box 453, Union, NJ 07083.

**VIDEO TRAINING PROGRAMS —** World champion John Shaw's new release "Combat Pistol Shooting", \$59.95 and "Combat Shotgun Shooting", \$49.95; Police Lt. Jim Bullard's "The Ultimate Self Defense Course For Women", \$59.95 (seen by over one million people); Other programs priced at \$39.95 include "Survival Equipment", "Survival Weapons", "Remington 1100 Shotgun", "Remington 870 Shotgun", "Colt .45 Automatic", "M-16 Rifle", "Rappelling"; VHS or Beta; \$2.00 shipping; Master Video Productions, Dept. AH, 7947 Carol Elaine Circle, Memphis, Tennessee 38134.

**LEARN TO SHOOT THE WAY THE CHAMPIONS DO. "ON TARGET"** By NATIONAL RECORD HOLDER MARK DUNCAN shows you step by step the secrets of HANDGUN ACCURACY. A simplified illustrated pocket guide covering all the basics. Results GUARANTEED. Send \$4.95 plus \$1.00 shipping to: Duncan Gun Shop Inc., 414A 2nd Street, N. Wilkesboro, N.C. 28659, (919) 667-6303.

**HANDLE YOUR OWN LEGAL AFFAIRS.** Be a Paralegal. Accredited Attorney Instruction. Home Study. FREE CATALOG. Southern Career Institute, Drawer 95HG-2158, Boca Raton, FL 33427. (305) 868-2522.

**HANDLE YOUR OWN LEGAL AFFAIRS.** Be a Paralegal. Accredited Attorney Instruction. Home Study. FREE CATALOG. Southern Career Institute, Drawer 95HG-2158, Boca Raton, FL 33427. (305) 868-2522.

## KNIVES & SWORDS

All type knives, Historic weapons and swords. Unbeatable prices. Catalogs \$2.00 DeIntinis, 107 Summit Ave., Staten Island, NY 10306.

**Knife Collector's Record Book.** Keep a Detailed record of all Data For each knife in your collection, plus place for photo. Great for insurance purposes. Each book is heavy-duty constructed and Bound. MADE TO LAST...\$7.95. Steve's Guns & Survival Equipment, P.O. Box 780-KAH, Mocksville, NC 27028.

**30-40% OFF GERBER, BENCHMARK, KERSHAW KNIVES; LEUPOLD, REDFIELD** Scopes, Muzzleloaders! Send \$1.00 for Complete Catalog KNIVES, Dept. AH, 52 Edmund, Uniontown, PA 15401.

**WHOLESALE Cutlery —** Famous brands including Buck, Schrade and Case. All types including Survival, Hunting, Fish Fillet and Kitchen Knives. Illustrated catalog \$1.00: Sargent Cutlery, 1403AH Chisholm Road, Florence, Alabama 35630.

**KNIVES, SURVIVAL, CONCEALABLE, HUNTERS, FOLDERS, MAGLITES, STUNGUNS, HANDCUFFS,** 30%-40% off list. ALL PRODUCTS GUARANTEED. \$1.00 for CATALOG: APS, 20993 Foothill Blvd. #232-HG, Hayward, CA 94541.

**STAY ALIVE SURVIVAL KNIFE,** Guaranteed. Finest quality, many extras, free catalogue. Write now! Liberty Products, Dept. A, Box 203, Neoho, MO 64850.

## LEATHERCRAFT

**Bianchi Gun Leather** 20% to 30% off retail. Pachmayr Grips and Mag-Lites at wholesale prices. The new Nova XR5000 Stun gun advertised elsewhere at \$69.95, our price \$55.00. Free shipping, Visa/Mastercard accepted. For color catalog and details send \$5.00 (refundable) to: L J & I Enterprises Inc., 14800 Cicero, Oak Forest, IL 60452.

**"GOVERNMENT SURPLUS" JEEPS \$30.00! 5,000,000 items!** Complete Information Your Area. 1985 OFFICIAL DIRECTORY. \$2.00 (Guaranteed). SURPLUS, A919, 4620 Wisconsin Northwest, WASHINGTON, DC 20016.

## MILITARIA

**GERMAN Two sided camouflage reversible smocks.** Exact WWII copy 100% cotton type one smocks. Postage paid USA-Canada. *Postal Money Order Only.* Forest \$94, Mottled \$99, 5/6 overprint \$120, Splinter (Army) \$105. Specify over/under 5" 9" tall? Fabric by the yard. 15/22cent! stamps for illustrated list/cloth samples. Bud O'Toole, PO Box 64385, Upesta, Tacoma, WA 98464. 206-565-1951.

## MILITARY SURPLUS

**Brass Mil 45 ACP "WCC" \$48pm.** This Ole House, 706 W. Central, Comanche, TX 76442. (915) 356-2441. Cert. Funds & FFL Shipped COD.

**Military Surplus, Chemical/biological warfare equipment,** military clothing, equipment, decorations. Self addressed stamped envelope for catalog. JS Sales, Box 4253H, Lancaster, CA 935394-4253.

**G.I. SURPLUS, Hunting and Camping Equipment.** 56 page catalog \$2.00. Red Bank Army Navy, 12-E Monmouth Street., Red Bank, NJ 07701.

**MILLIONS OF GOVERNMENT SURPLUS BARGAINS!** Many 1% original cost. Jeeps included! "Nationwide Government Buyer's Guide/Directory" — \$2.00 (Guaranteed). Disposal, Box 19107-MY, Washington, DC 20036.

**IS IT TRUE YOU CAN BUY JEEPS FOR \$44 THROUGH THE U.S. GOVERNMENT? GET THE FACTS TODAY!** (312) 742-1142, EXT. 6279.

## MISCELLANEOUS

**CHEWING — SMOKING Tobacco!** Do you Chew — Smoke? Free samples — Twist, Snuff, Pipe and Pouches — Prices. Guaranteed satisfaction: FREDCO'S, Dresden, Tennessee 388225.

**SHORT-RUN CUSTOM BELT BUCKLES WITH YOUR LOGO MY SPECIALTY SOLID SANDCAST SILICON BRONZE ALL HAND FINISHED. BUCKLES BY MIKE,** 1225 MANZANITA, DEPT. AH, LOS ANGELES, CA 90029.

**KNUCKS —** Genuine brass paperweights, not cheap aluminum, same day delivery, \$7. prepaid: Matthews Police Supply, PO Box 1754, Matthews, NC 28105.

**NINJA CATALOG** Nightsuits, handclaws, footspikes, cat-throps, blowpens, shuriken and reference materials for the Shadow Warrior. Send \$1.00 to: Ninja Supply Systems, Box 28222/AH, Atlanta, GA 30358.

**NAZI War souvenirs and daggers!** Illustrated catalog \$10, bill (refundable). Disco, Box 331-H, Cedarburg, WI 53012-0331.

**FREE! World's Leading Novelty Catalog.** Things You Never Knew Existed. 1600 Novelties, Jokes, Tricks, Science, Sports, Hobbies. Johnson-Smith, C-6522, Mt. Clemens, Mich. 48043.

**MILITARY & MARTIAL ARTS —** I.D. Cards & Certificates. Airborne, Special Forces, C.I.A., Police, etc. Brochure \$1. Greenwood, Box 66, Dept. H, Long Green, MD 21092.

**PRIVACY SERVICES/PRODUCTS.** Confidential mail receiving-forwarding service plus much more! Free details! Writel SMS-AH, Box 3179, Tempe, AZ 85281.

**GERMAN WW2 Uniforms, Headgear, Gorgets, Badges, Write (LETTERS ONLY!)** Postfach 1244, 5143-WASSENBERG, W-GERMANY.

**Beltbuckles, tietaes, pins.** Catalogue \$1.00 (Refunded). Beltbuckle Ltd., Box 4170, Jackson, MS 39216. (601) 353-9190.

**FREE PRIVACY CATALOG.** Low-profile techniques. Cash income opportunities. Asset protection. Secret loans. New Identity. EDEN PRESS, Box 841-HG, Fountain Valley, CA 92728.

**Handgun Big Game Hunting-May through Sep.** Beautiful Trophy, Mouflon, Rams \$300.00. Real Hunting, Box 536, Marfa, Texas 79843.

**THE FIREARMS OWNER'S BUYLINE.** Delicate to serving the PRIVATE firearm owner with an economical, effective advertising monthly. Buy/Sell. For info send S.A.S.E.: The Firearm Owner's Buyline, P.O. Box 403, Dept. AH, Bailey, CO 80421.

**EXCELLENT SWEET & SOUR VENISON, ANTELOPE, OR BEEF ALA MODE RECIPE.** Send \$1, NO CHECKS, to: 24631 Paseo Vendaval, El Toro, CA 92630.

**Why work for someone else, Free info, send self add. envelope to:** Adams, P.O. Box 377548, Chicago, IL 60637.

**Simple, I care plan for earning! Apply ones self needed only.** \$, P.O. Box 377548, Chicago, IL 60637.

**Reasons for quitting Marijuana, free send self add. env. for return.** Adams, P.O. Box 377548, Chicago, IL 60637.

**Skilled professional driver for hire c-Licensed.** Adams, P.O. Box 377548, Chicago, IL 60637.

**THE FIREARM OWNER'S BUYLINE.** Dedicated to serving the PRIVATE firearm owner with an economical, effective Advertising Monthly. Buy/Sell. For info send S.A.S.E.: The Firearm Owner's Buyline, P.O. Box 403, Dept. AH, Bailey, CO 80421.

## REAL ESTATE

**SOUTHWEST VIRGINIA — FREE CATALOG!** Blue Ridge Mountain land, farms, homes. Wetherbee Realty, Box 84-H, Woolwine, VA 24185. (703) 930-2155.

**GOVERNMENT LAND...FROM \$7.50/ACRE!** Homesites, farming, vacationing, investment! "Land Buyer's Guide" plus nationwide listing — \$2.00. LANDS, Box 19107-MY, Washington, DC 20036.

**HOW TO Purchase Bargain Country Land...Save \$\$\$,** Avoid Headaches, Very Informative Report \$2.00: JC & Associates, Dept. HG, Box 2128, Canon City, CO 81212.

## SURVIVAL

**SURVIVAL EQUIPMENT — DISCOUNT PRICES.** Sportsmen, Hunters, Survivalists. Discount prices on top quality, brand name products. Commando and regular army surplus, survival books, weapon accessories, edged weapons, binoculars, electronics and more. Request your free discount price list. Write: American Wilderness & Survival Supply, Box 3161, Oak Brook, IL 60522.

## WANTED TO PURCHASE

**Inventions, Ideas, new products** wanted for presentation to industry and exhibition at national innovation exposition. Call toll free 1-800-528-6050. Extension 831.

**DUCK Hunting Stamps \$1. to \$400.** Value determined by condition of stamp and year. Send stamped envelope for price list of cash offer: John Snow, 4539 Bartlett, Shorewood, WI 53211.

**AUTOMOBILE LITERATURE WANTED.** 1900-1975. I buy Automobile sales brochures, repair manuals, etc.. Walter Miller, 315 Wedgewood, DeWitt, NY 13214.





## THE LEWIS LEAD REMOVER

SATISFACTION  
GUARANTEED

\$11.75

Revolver Cleaning Kit. Removes leading from Forcing Cone, Cylinder, and Barrel. Available in either 38-41-44-45 cal. Brass cloth patches (Pk. 10) \$2.30. Order direct or from your dealer. Check or Money Order plus \$1.50 postage & handling.



GUN SPECIALTIES, INC.

P.O. Box 31 College Park, Georgia 30337

New M/84  
Sight  
System



\$82.50

As Shown  
Plus \$2.00  
Shipping

For P-35 & M 1911  
Wide Variety of Options  
MMC Quality

Free Brochure Dealer Inquiries Invited

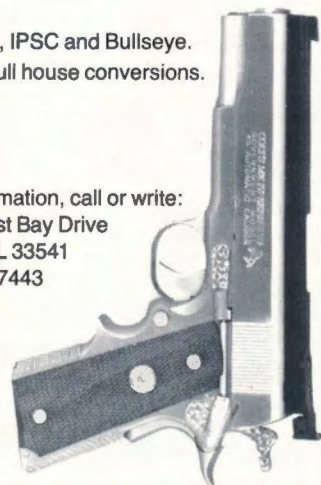
MINIATURE MACHINE CO.

210 E. Poplar St.  
Deming, NM 88030  
(505) 546-2151

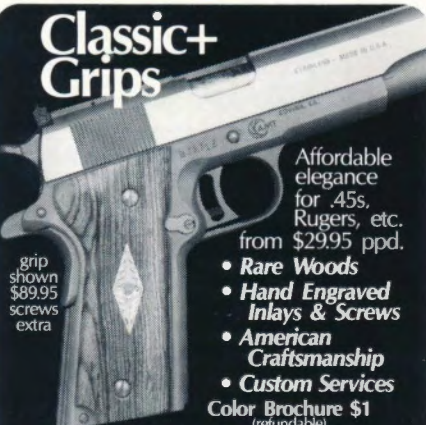
## BOZ CUSTOM GUNS

Pin Guns, IPSC and Bullseye.  
Basic to full house conversions.

For information, call or write:  
2933 East Bay Drive  
Largo, FL 33541  
813/531-7443



## Classic+ Grips



grip  
shown  
\$89.95  
screws  
extra

Affordable  
elegance  
for .45s,  
Rugers, etc.  
from \$29.95 ppd.

- Rare Woods
- Hand Engraved  
Inlays & Screws
- American  
Craftsmanship
- Custom Services

Color Brochure \$1  
(refundable)

WAYLAND PRECISION  
WOOD PRODUCTS  
Box 1142H, Mill Valley, CA 94942

## UNIQUE POWDER

continued from page 88

chester/Western 231 powder for use in the .45 ACP, and had used quite a bit of it myself. Last year I decided to see for myself if it was that much better than the *Unique* loads that I had also been using, and to compare the two side by side. So, I spent several days at the range grouping and chronographing 22 different loads of *Unique*, and 18 different loads of 231. Both powders were topped off with Denver Bullet's excellent hard cast bullets in both 200 grain SWC, and 230 grain Flat Point designs.

The best 3 shot groups were obtained with both the 200 SWC and 230 FP with 5.9 grains of *Unique*. These groups were .745" and .485" respectively. None of the 231 loads tested came anywhere near that accuracy.

All of the testing was done from sandbags at 25 yards. I fired a five shot group of each load on alternate days so that I could keep fatigue and human error to a minimum. Each group was measured for best 3-shot group, and 5-shot overall group. Velocity averages were fired separately on another day. All of the velocities are an average of five shots through an Oehler Model 33 chronograph. The weapon used for all the testing was an AMT Hardballer which has been tuned and customized by Don Peters of Don's Shooters Supply in Indianapolis, Ind. All of the loads were individually weighed, and CCI large pistol primers were used in all loads. The *Unique* loads were assembled in once fired Federal cases, the 231 loads in once fired W/W cases.

I began experiencing pressure signs with the 5.7/231 loads. I also had extraction problems with the two low end 231 loads in both bullet weights. All of the *Unique* loads functioned perfectly, and showed no pressure signs.

My IPSC load for this year's matches will be the 230 FP and 5.9 grains of *Unique*. This will score 189.98 on the power rating (velocity times bullet weight divided by 1,000), but will still be controllable in a standard length weapon. I use the same AMT Hardballer for practice, training, matches, and duty.

I also load *Unique* in the .38 Special, .357 Magnum, .41 Magnum, .44 Special, .44 Magnum, .45 Long Colt, and 20 Gauge shotgun.

Oh, I still have my specialty loads with other powders, but the bulk of my shooting is done with cast bullets and *Unique* powder.

As well as I like *Unique*, I will be the first to admit that it is not perfect. It does have

some drawbacks.

First, it is a relatively dirty burning powder, which increases powder fouling. I have fired over 800 rounds in my Hardballer without cleaning before a malfunction occurred as a result of powder fouling. I recommend cleaning your weapon after every 500 or so rounds if you are using *Unique*. Since I use the same weapon for practice, matches, and duty, cleaning my weapon isn't a tedious chore, it's a necessary survival tactic.

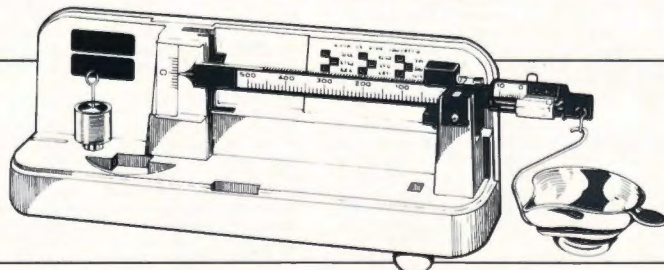
Magnum primers when used with *Unique* should be approached with caution. I have experienced pressure signs in various loads and calibers with even mid-range loads of *Unique* when magnum primers were used. Since *Unique* is a medium burning rate powder, magnum primers will usually offer no substantial increase in velocity or accuracy, but will usually increase pressures. An example is that by changing from standard to magnum primers in a load of 9.5 *Unique* and a 125 JHP in a .357 case can increase pressures as much as 6,000 psi. This may not be dangerous to the weapon or shooter, but is an undesirable increase in pressure with little or no desirable increase in velocity or accuracy.

Another problem that others have told me about, but I have never experienced with *Unique*, is inconsistent and erratic throwing of charges through a powder measure. My old RCBS Uni-Flow, once set, throws very consistent charges of *Unique*. I use the large size hopper though, which seems to work better. I don't know about the smaller hopper because I never use it. I'm still experimenting with my new Dillon 450, but so far it has been very consistent in throwing charges of *Unique* ranging from 3.8 to 10.0 grains. I have loaded over 1500 .45's with my 5.9 grain load over a period of several days, and never had to readjust the measure after the original setting.

Despite its drawbacks, I still believe *Unique* to be the answer to a pistol shooter's dream. If most of your shooting is done with cast or swaged lead bullets, try putting some *Unique* behind them. You'll like it.

What about my new handloading friend? He wants to know if I want to split the cost on a 32 pound case of *Unique*.

Whoever first designed this Hercules powder was blessed with foresight and an excellent sense of advertising when he named this very unique powder, *Unique*.





# ARE YOU READY?

**Ready or not  
it's here!**

The year's most exciting look at the handgun field is as close as your ball point pen. The 1985 AMERICAN HANDGUNNER ANNUAL is available right now.

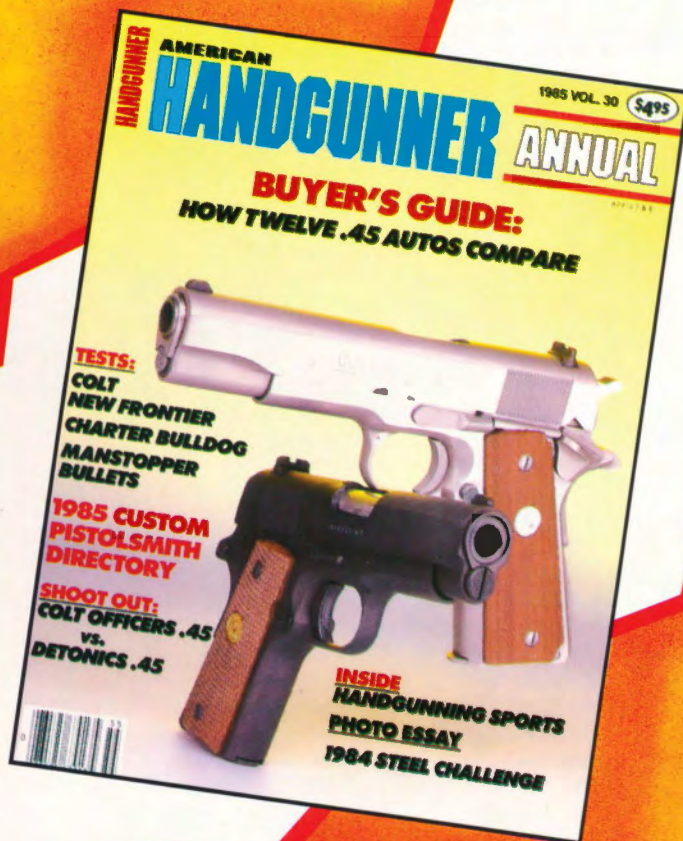
The '85 edition is packed full of detailed information, fascinating articles, and unusual never-before-seen full color feature stories. Including:

- \*"The Many Faces of the .45 Auto" the most complete "Buyers Guide" ever published.
- \*Introduction to "Handgunning Sports" including IPSC (combat shooting), bullseye, bowling pin shooting, handgun hunting, and more!

The '85 HANDGUNNER ANNUAL will put your finger on the pulse of the handgun industry, by providing you with up to date information on every thing from classic gun design and custom pistols, to holsters, and our famous Pistolsmith Directory. Plus an added bonus:

## TEST REPORTS

- .357 auto loaders: Desert Eagle & Coonan
- Colt New Frontier
- Super Silhouette Sixguns
- .35 Remington
- Charter Bulldog



What's the best? Why? How does it measure up to the competition? The easiest way to find out the answers to these important questions is by ordering your copy of the 1985 HANDGUNNER ANNUAL today!

**Out draw the competition,  
get yours while supplies last.**

**YES! I'm ready for the year's most exciting look at handguns. Please rush my copy(s) of the '85 AMERICAN HANDGUNNER ANNUAL as soon as possible.**

Send to: GUN BOOKS Dept. AH-9  
591 Camino de la Reina, Suite 200,  
San Diego, CA 92108

*I have enclosed \$4.95 for each Annual ordered.  
(Calif. residents add 6% sales tax)*

Amount enclosed \$ \_\_\_\_\_ Check/MO ☐ Visa/MC ☐  
Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_ Initial \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Allow 4-6 weeks for delivery.





# INDUSTRY INSIDER

JERRY RAKUSAN

## NEWS FROM NUREMBURG TRADE SHOW; HOT NEW ELECTRONIC SIGHTS ARE HERE

The handgun electronic sight scene is heating up. We previewed the new "Interaim" sight in the Jan/Feb '85 issue of the *Handgunner*, and have now learned that **Action Arms** (importers of the Uzi carbines and pistols) will have these available by the time you read this.

The new **Aimpoint MK IV** should also be available at this time. Both the Aimpoint and the Interaim sights will use standard one-inch scope mount rings. Both of these sights are more compact and lighter in weight than previous models.

**Tasco** has a new 1.5X pistol scope with an electronic red dot at the center of the reticle.

The recent IWA trade show in Nuremberg, Germany, offered visitors a glimpse of some new items of interest to handgunners. The makers of the **Korth** revolver—the most expensive stock revolver on the market—have introduced their 9mm auto pistol; whether it will be imported is unknown, and no price was available. **Benelli** was showing their Model MP36, a target version of the B76 in 9mm and .32 Wadcutter. The current importer of Benelli in the U.S. is Sile Distributors, but no plans for importing this gun were mentioned at the show.

**Llama** displayed their new 9mm auto, the M82, pistol which has been adopted by the Spanish Army. This is a revised version of the Omni, and it should be available in the U.S. shortly.



**New Aimpoint MK IV sight is compact and uses one-inch rings.**

An outfit called **Ferretti** from Belgium was showing a unique revolver conversion unit to convert .38/.357 revolvers to .22 RF. Its chambers are offset and curved, and the barrel is machined at an angle to enable the unit to shoot to same point of impact at 25 yards. They were looking for an importer.

Also shown were some new variations or updates on existing handgun models; such as the **Astra A-90**, a modification of the A-80, and a new **Star Model 84**.

If you think that the .45 auto is dead, think again. **Caspian Arms**—manufacturers of frames and slides for some famous makers of .45s—will soon be bringing out their own complete gun, and we'll have a report on it in a future issue. **Springfield Armory** is now offering a .45 auto (also in 9mm) which features a forged frame, barrel and slide; all military specs assure complete interchangeability with government models.

The winds of change are blowing in almost gale force. We have heard rumors of buy-outs, mergers, and several companies on the brink of Chapter 11. Charlie Kelsey of **Devel** has closed up shop, but tells us that, like the Phoenix, he hopes to rise out of the ashes once again. There are, as far as we know, no more **Randall** guns being made, and word around town is that one of the major foreign ammo companies is making eyes at one of the big U.S. ammo manufacturers. Ah so!



### BOWLING PIN FEAT

At the Seventh Annual Bowling Pin Match held in Texarkana, Texas, Jerry Miculek Jr. busted five bowling pins in 2.86 seconds with a wheelgun.

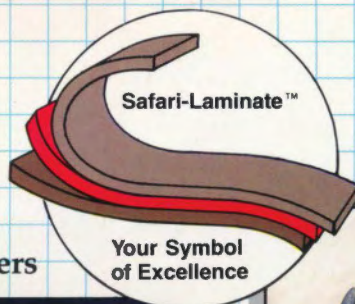
Firing his Smith and Wesson Model 27, Jerry drove all five pins from the table. Time began with a blank gun being fired and ended when the fifth pin hit the ground, not when it fell over. All this in a scant 2.86 seconds!



# Safari-Laminate Process.<sup>TM</sup>

*Developed for a unique reason. You.*

Safari-Laminate<sup>TM</sup> virtually eliminates all the known problems you've encountered with holsters and leather accessories made from traditional methodology.



MODEL 540  
HIP HOLSTER



MODEL 275 BREAK-THRU HOLSTER



MODEL 1040  
SHOULDER HOLSTER



Protective Elk  
suede lining  
Safari-laminate  
Full grain leather

## FACTS AND BENEFITS TO YOU FOR CHOOSING SAFARILAND'S SAFARI-LAMINATE<sup>TM</sup>

- **Exactness and Quality.** The Safariland Way. Thermo-laminated between a layer of choice, full grain leather and a smooth protective Elk Suede lining, Safari-Laminate provides a lifetime, permanent fit and form.
- **For Safety's Sake.** Safari-Laminate is your absolute assurance in secure holstering. Once holstered, your pistol is firmly held in place (everytime), due to Safari-Laminate's incredible retention.
- **Lighter Than Ever.** Some holster manufacturers design around weight distribution. Safariland's Safari-Laminate process is designed on *weight elimination*. In fact, Safari-Laminate holsters and accessories weigh 1/3 less than any comparable sized holster and accessory now on the market.
- **Strength and Structural Performance.** As a result of this extraordinary breakthrough, moisture and heat damage as well as spring, or leather fatigue, are not possible.
- **Lasting Durability.** Developing a process that endures is important to Safariland. The Safari-Laminate process will provide you with dependable, lasting performance for years to come. That's *real* value for the money.

"What we have here is the future in holster technology... an exciting evolution which captures the very essence of Safariland's 'Dedication to Excellence'... and remember, *It was developed for you.*"



Full-color, 56 page pocket edition of the 1985 Safariland catalog is available at your authorized Safariland dealer or send \$1.00 (to cover postage and handling) to:



DEDICATED TO EXCELLENCE

**SAFARILAND**

1941 S. WALKER, DEPT. AH9 85 MONROVIA, CA 91016






## When America demands accuracy and reliability, it says Colt.

For 75 years, Americans have staked their lives and reputations on this gun.

From the Philippine jungles of 1913 to the winner's circle of the 1985 Steel Challenge (world speed shooting championship), Americans have counted on the proven reliability and accuracy of the Colt 1911 Government Model. And every year, records fall to the same pistol.

- Fifteen of the top sixteen shooters in the 1984 IPSC United States Nationals used this pistol.
- For eight out of ten years, the winners of the main event in the Second Chance Combat Shoot used this pistol.
- Every winner of the speed event in the Bianchi Cup Shoot since the event began in 1978, used this pistol.
- In 1985, the Steel Challenge was won with this pistol. In fact, seven of the top ten competitors also used this pistol.

The Colt 1911 Automatic pistol holds more centerfire pistol records than any other gun. It is also the most widely used and longest enduring military side arm in history.

When Americans put their lives and reputations on the line, they demand Colt. You should too, and you can bet on it. 

**COLT**

A Heritage of  
Fine Craftsmanship

Hartford, CT 06101

Be a safe shooter — never chamber a round until you are ready to shoot. Always read and follow the instruction manuals, which accompany each firearm. Free Colt catalogs and instruction manuals are also available from the factory on request.