



THE

FRONT SIGHT

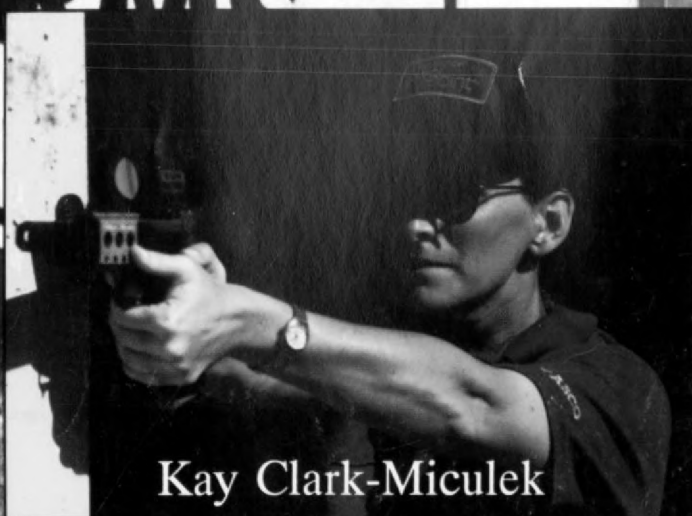
OFFICIAL JOURNAL OF THE UNITED STATES PRACTICAL SHOOTING ASSOCIATION/IPSC

NOVEMBER/DECEMBER 1993

Volume 10, Number 6

\$3.00

Matt McLearn



Kay Clark-Miculek

1993
USPSA OPEN & WORLD CHAMPIONS



TRAIN WITH A WINNER

"My **PACT MK4 Championship Timer** is an integral part of my practice sessions. I only train with the best."

Doug Koenig

"I've been training with PACT timers for seven years. The new **MK4** is an **outstanding advancement**. Robby and I played with it on the drive to the Masters, playing "what if" for hours. **Well done PACT.**"

Frank Glen

"PACT did a great job of implementing my suggestion for a 'first shot' display on the new **MK4**. This feature is a real help with Steel Challenge practice. **PACT has always been responsive to the training needs of the modern competitor.**"

Mike Plaxco

"I can't always get to the range to practice. The **PACT MK4** lets me set up just about any course of fire at home, allowing me to get the most from my dry firing sessions. It's an **essential part of my training gear.**"

John Pride

"I've trained exclusively with PACT timers for the last ten years. When I retired from shooting this summer I sold just about all of my equipment. One thing I just couldn't part with was my new **PACT MK4 Championship Timer**. It's just that good."

Brian Enos

"When I train I like to keep a detailed record of my performance. This allows me to make objective assessments of different techniques and equipment. My **PACT Timers** have been an absolutely **critical part of my training regime** for my entire shooting career and have been an important key to my success. The new **PACT MK4 and printer** allow me to break my shooting down into bite size pieces. **I wouldn't be without them.**"

Jerry Barnhart

"I've been training with PACT Timers for years so I'm used to the best, but I must say that the **new MK4** suprised me. It's **really incredible** that so many new useful features can be packed into such a small package. I've also been impressed with PACT's willingness to incorporate our suggestions into their timer. It's a **truly outstanding product.**"

Alan Fulford

"Ten years ago, when PACT introduced their first timer I said 'the PACT Championship Timer is the only timer you will ever need.' Over the years PACT's timers helped teach us what works (and what doesn't) as well as keeping things honest at matches. Not only is the new **MK4** unquestionably the **finest shooting timer ever made** its chronograph and trajectory functions are second to none. **I never go to the range without my PACT MK4 and neither should you.**"

Robby Leatham

30 Day Money Back Guarantee & Limited Lifetime Warranty

Training with the **MK4** is **guaranteed to improve your shooting**. Try it for 30 days, if you're not completely satisfied simply return it to us for a full refund. If your PACT timer breaks **we'll fix it free**, if you manage to smash it we'll fix it for cost. **If it says PACT on it we stand behind it.**

Order today
TOLL FREE...800 PACT INC
(in Texas 214-641-0049)
FAX 214-641-2641

By phone: We are happy to answer your questions and take your order. We accept Visa, MC and COD* orders.

PACT MKIV Championship Timer	\$279.95
MKIV w/CHRONO and M5 Skyscreens	\$349.90
Carrying Case for Timer	\$16.95
Skyscreen Bracket (optional but nice)	\$24.95
Battery Powered Printer	\$125.00
Extra Printer Paper(6 rolls)	\$12
Extra M5 Skyscreens	\$45 pr
Skyscreen Housings	\$5 ea 4/\$17.50

*Shipping & Insurance \$5.50 UPS Ground/\$10 UPS 2nd Air. Extra shipping for bracket (separate package) \$3 ground/ \$6 2nd day air. Prices reflect 2.5% discount for cash. COD fee \$4.00. Texas residents add appropriate sales tax. **Brochure Available**

PACT 

P.O. Box 535025
Grand Prairie, TX 75053

NRA
"Round-Up"

FRONT SIGHT

WORLD SHOOT 10

by Dave Stanford 27

AREA 3 CHAMPIONSHIP

by Lee Atkins 37

BIGGEST LITTLE IPSC MATCH

by Dave Stanford 40

AREA 7 CHAMPIONSHIP

by Pete Goloski 53

USPSA MEMBERSHIP SURVEY

81

ALSO IN THIS ISSUE:

From the Readers	3	Shooting Window-washer Stages.....	60
Inside USPSA	6	Zimbabwe Safari	62
1993 IL State Champ.....	8	The Coarse Handgunning Glossary.....	67
Inside NROI	9	I Know What To Do.....	71
Art Benjamin	34	Balancing Points.....	74
Pistolsmithing the 1911 ..	43	Product News.....	78
Awesome Arms.....	56		

Cover Story

1993 OPEN NATIONALS

by Dave Stanford 10

National and World Champions Matt McLearn and Kay Clark have had a banner year.

Cover Photos by Kerby Smith.

FRONT SIGHT

Publisher

USPSA/IPSC, INC.

Editor

Marilyn Stanford

Asst. Editor

Roger Maier

Advertising

Kathy Quilliam

Contributors

USPSA MEMBERS

USPSA/IPSC

President

Dave Stanford

Vice President

Andy Hollar

Board of Directors

John Amidon

Lee Atkins

Paul Miller

Jeff Nelson

Jim Walker

John Sayle

Tommy Weston

Jerry Wisecarver

Secretary/Treasurer

Marilyn Stanford

USPSA OFFICE

Phone # 1-206-855-2245

FAX # 1-206-855-0380

Office hours

9am to 5pm

Copyright © 1993

The United States Practical Shooting Association/IPSC, Inc. No reproduction in part or full without prior authorization.

FRONTSIGHT (ISSN 0889681x) is published bi-monthly for USPSA members by USPSA/IPSC Inc. 903A Metcalf St., Sedro Woolley, WA. 98284.

Annual Membership dues (U.S. and its possessions) \$30, Foreign \$40. \$18 of dues goes toward a one year subscription to

FRONTSIGHT.

Second class postage paid at Sedro Woolley, Wa. and additional mailing offices.

POSTMASTER: Send change of address forms to: FRONTSIGHT PO Box 811 Sedro Woolley, WA 98284



FROM THE EDITOR

I consider myself a very lucky person. Why? Because I have fun and enjoy my job. Sure, there are daily pressures and many deadlines we struggle to meet, but they are tolerable when you enjoy the people around you. When you can take your mind off the job and share a good laugh, nothing seems impossible.

Here at USPSA we encourage our employees to take time to get to know and enjoy each other. We play jokes, act silly and celebrate everyone's birthday. Indeed, we all share a belief that creativity and hard work can coexist with fun and humor in the work place. We believe camaradery and cooperation grow from mutual respect



Marilyn Stanford

and understanding and strive to foster that attitude within all of our employees. We all work together to try to provide you with the best possible service within an atmosphere of mutual cooperation and respect.

Next time you plan a trip to Washington State, make it a point to stop by and get to know

us. If you are going to be touring awhile, perhaps we can share a meal after work?

Enjoy the issue,
Marilyn



COLT 45 AUTO

& All copies

Grip Screw BUSHING DRIVER

for Gunsmiths
& Owners

Fits over
bushing
and properly
centers bit in slot.

Removes tightest staked
bushing without tearing it up.

\$15.95 + \$3.00 postage & handling

Mich. residents + 4% sales tax

BOB KRIEGER, INC.

Master Gunsmith

2271 Star Court, Rochester Hills, MI 48309

(313) 853-6171

Sidewinder SCOPE MOUNT

ADVANTAGES

- Low to the Barrel
- Additional Strength
- 351 T6 Aircraft Aluminum
- Lightweight (78 gm)
- Ejection port clearance greatly improved by offset design.
- Amazing one piece design increases rigidity, thus increases scope longevity.

*Introductory
Offer*

Casey

ENTERPRISES

DEALER INQUIRIES
WELCOME!

\$100.00 + TAX & SHIPPING



For Accuracy You DEMAND, and the Protection your Optics DESERVE

This Year Shooters in the know will be switching to the

Sidewinder™ Scope Mount

CUSTOM MOUNTING AVAILABLE, \$50.00 STANDARD
1911, \$75.00 ON ALL OTHER MODELS. WE CAN RETROFIT

TO PRE-EXISTING
HOLE PATTERNS
ON MOST GUNS.



Models Available for:

- CZ-P9 and Clones
- Model 1911 Caspian High Capacity
- McCormic High Capacity



Also:

SLIDE RACKER - High Safety Clearance slope back for increased scope body clearance. 316 stainless steel.
\$25.00 + tax & shipping.

"Home of the Sidewinder Mount" 602-627-8264

FROM OUR READERS

Letters for publication should be no more than 350 words and may be edited for length or clarity.



■ WHOOPS, WE GOOFED!

Because of an editing error in the Area 6 story in the last issue, we said that the Greenville Gun Club was in Asheville, SC. It is in Greenville, SC. We apologize to the club and the author for the error.

■ WHAT A CREW!

On Thursday (at the US Open Nationals) when the rain hit, and we were up to our hines (sic) in water, Denise Metcalf stood by us in the rain until relieved, and Ken Brummet was out in the worst of it digging ditches with the rest of us. Without the help and dedication of Denise, Ken, Cooper, Doug and Tom, Stage 1 would never have finished the match. Digging in the rain in rock-hard ground, we managed to drain the range and get the power cords above water and were able to continue Friday and Saturday. The far Pepper poppers were still in water, and for these two days, Denise and Ken had to wade through water to re-set poppers. There are no words that can express the performance of this crew. It is above and beyond what I would expect from volunteers.

Don Gabrovich, L-808

■ WHO'S THIS MIKE?

I feel compelled to write about an experience I recently had. I nervously went to my first match expecting the worst. What if I screwed up? They'll probably make fun of my low tech equipment. Boy, was I ever wrong! The folks at Bend of the River Conservation went out of their way to make me feel comfortable and made sure I had a good time. I had the time of my life. "Lloyd Doubleday and the Boyz" deserve a pat on the back and a thanks. I look forward to many, many more matches.

Although I am left with one question: Who's this Mike guy? Whenever the RO's scored my targets they would start calling out, "Mike, Mike!" I'm sure he must be an important member on the board of directors!

Mike Reish, A-24158

■ BENCHWARMER REVISITED

Asst. Editor's Note: The Benchwarmer position is one of few subjects that has caused numerous members to voice strong opinions. With the exception of the letters from Mr. & Mrs. Harrell (printed below), ALL letters received at Front Sight have been against the Benchwarmer position. It was not our intention to continue this subject; however, we believe the Harrells should be given an opportunity to defend their position. Their letters and Mr. Shoemaker's opposition letter will be the last ones printed in Front Sight because we believe the subject has been adequately debated.

My, my, my, how the bureaucrats scream when someone pokes fun at their fantasy balloon with a pencil of truth. You were all so busy getting your noses out of joint at what I didn't say, that you completely missed the point of what I did say.

SUPERIOR LEAD REMOVING ABILITY

SHILOH CREEK

BORE SOLVENT

NEW
SHILOH CREEK
GUN OIL

- OUTSTANDING PROTECTION
- RESISTS EVAPORATION
- DISPLACES WATER
- HELPS NEUTRALIZE FINGERPRINT ACIDS
- PREVENTS RUST
- NO RESIDUE SOLIDS BUILD-UP

2 Oz. Bottle \$3.50

Non-corrosive • Non-abrasive

- Penetrates metal to remove copper fouling, carbon and powder residue
- Removes plastic wad fouling
- Safe for stocks and finishes
- Lubricates as it cleans

"Shiloh Creek Bore Solvent removes lead better than any solvent I have ever used".

Mike Venturino

"...I found SCBS to be 100% effective at removing lead & fouling with just a wet patch & jag. It actually delivers what other solvents only claim to. The only solvent that meets my expectations."

Mike Mahaffy
MO State IPSC Champ '92
MO LE Champ '91, '92

To Order Bore Solvent, send \$5.95 for 4 oz. bottle, \$10.95 for the 2 bottle "Shooter's Pack", or \$19.90 for a Pint.

Please include \$3.00 for S/H. Mail check or money order to:
SHILOH CREEK, BOX 357, Cottleville, Missouri 63338
Dealer Inquiries Welcome

I didn't demean ROs. Bless them, we couldn't do without 'em; however, being human, they are as susceptible as the rest of us to getting their heads in a dark place occasionally. What I said was when they do, don't bitch.

I didn't say queers, or queer people. I said queer lifestyles, of which there are myriad that have nothing to do with sexual preference. It's interesting that while you missed my major point, your responses proved it's validity. The point being, of course, that you can't motivate people to volunteer by making disparaging comments about their age, abilities or physical condition. Instead of looking at yourselves and thinking maybe we can do better with a carrot instead of a stick, you grabbed up your sticks and beat me for disagreeing with you. I enjoyed your acronym. Here's one for you: Arrive, Set-up, Shout, Holler, Officiate, Leave Exhausted.

A simple comparison of the numbers of club officers, ROs, CROs, instructors, etc., versus the number of USPSA members (or simple attendance at almost any match) will show that "benchwarmers" outnumber workers about eight to one. Since you are upset at my suggestion that we are the "flesh and blood" of the sport, let me say that perhaps we are the fat. I fully understand that fat is not popular in today's society, however, when lean times come it is the fat that nourishes the body and keeps it alive.

I did not introduce the subjects of abortion and homosexuality gratuitously. If we continue to spit in God's eye over this insanity, His response will likely make our petty squabbles pale to insignificance. I don't think there were too many sporting events held in Sodom after God had His say.

Incidentally, Vicki, I am 57 and my sixth grandchild will be

here before you read this. The first five are quite happy not to have been abortions.

Dennis Harrell, A-21558

I would like to respond to the replies to my husband's "benchwarmer" letter. Shame on all of you. I have never read such a bunch of whining, name calling, petty letters. I sure hope no one in USPSA gives a Front Sight magazine to anyone he is trying to get interested in IPSC shooting. I don't think they would be much interested in belonging to a group that squabbles among themselves so much.

As to Christopher Gilson's reply. I do not think that he should cast aspersions on my character based on what my husband wrote. I, Sir, do not walk three steps behind anybody, and whoever would try to berate me in public would probably get his lips ripped off and handed to him on the spot (your or my husband).

I enjoy shooting on the range at our farm and my husband has been pressuring me to join USPSA and attend matches with him. Your responses to his letter helped me decide.

Patricia Harrell, "Benchwarmer's Wife"

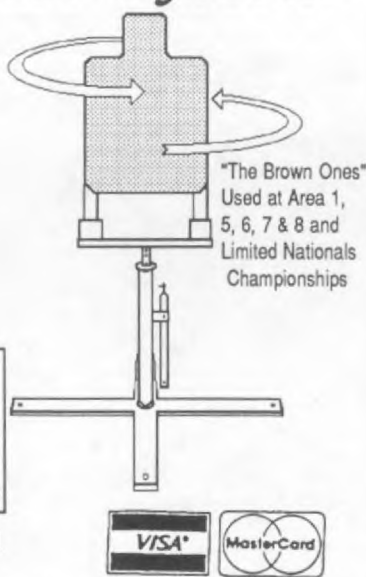
Reflecting on Mr. Harrell's missive in the July/August Front Sight, I am moved to respond.

C'mon, Dennis, — the "guys who go to meetings, design and set up stages, and generally administer matches" are, by and large, not "turned on" by all the necessary work, but are truly "operating out of a sense of altruism." They've coped with innumerable benchwarmers, discovering early on that when nobody cares, nobody works — and nobody plays.

There's hardly a competitor I know (myself included) that wouldn't rather "choose not to

Drop Turn, Target Operator System

- Momentary Target Exposure
- Rave reviews by purchasers
- Adjustable timing - 9 speeds
- Consistent, smooth operation
- Gravity-operated - no power needed
- Rugged construction - inert gas welds



U.S. 1993 Prices - LAST CHANCE!

1-3 Units - \$179.95 ea. + S&H

4 or more - \$149.95 ea. + S&H

Add \$15/ unit for shipping and handling

For more information or to order call
800-662-2300, Ext. 22 or 406-549-1252

or write to

B.I.T. Enterprises, P.O. Box 4924, Missoula, MT 59806

Designed and built by Gary S. Marbut, A-13014



volunteer" and "just pay our match fees and shoot." It should be obvious, however, to even the most dedicated (and I use the term loosely) benchwarmer that the matches you so enjoy don't just happen on their own. Envision for a moment, if you will, a club, or say, the Nationals, where everyone suffered from your lassitude.

Do I go to meetings, design and set up stages, and administer matches? You bet — to foster in me a deep appreciation when I go to other clubs and can "just shoot," if for no other reason. Am I "turned on" by the heartburn, the IPSC lawyers, the whining, arguments, lack of help, and bitching (most prevalent among those who only show up to shoot) that seem to accompany all-too-many matches? Hardly.

In closing, I cannot help but observe that the Washington

State Animal (the Banana Slug) is a viable, flesh-and-blood creature — sans backbone, of course.

Floyd Shoemaker, A-14243

■ THANKS

I thought I'd write a quick note to thank all those involved in the Tri-State Section Limited Championship.

I only wish more shooters would have participated because everything, in my opinion, was great! Hopefully next year will be even better.

Richard Ellis, A-1677

■ HELP FROM HEINIE

Three days prior to the Michigan USPSA State Championship I broke a lower barrel lug on my .45 during a practice session. The barrel was a Heinie Premium Drop-in Dual Port System that I had purchased almost a year ago. I called Heinie Specialty Products, in Ha-

vana, IL, the following morning and explained my problem to a very helpful receptionist named Jamie. She put Dick on the phone and I told him that I had modified the assembly by drilling secondary ports through the barrel and comp. He said that this modification would not have had any bearing on the lug failure and he would stand behind his barrel. A new barrel and comp were shipped overnight express to my door, at no charge. Keep in mind that Dick did not even want to look at the broken barrel before offering to replace it.

Never have I had anybody stand by one of their products like Heinie Specialty Products. I would highly recommend their products to anyone.

Brad Rainey, A-17209

LETTERS continued on page 94.

21 Masters Can't All Be Wrong!

Entry Level Caspian & McCormick

Built on Customers Frame, Package Includes, All EGW Internals, *EDM 3 Port Cone Comp, *Ramp Barrel, *Hard Sear, 2lb. Action, *Oversize FP Stop, *Scope Ejector, *Oversize Firing Pin, Caspian Slide, CMC Forged Hammer, Guide Rod, Wolf Springs, Red Buff Mount, (All parts except scope)

Caspian \$1700.00

McCormick \$1800.00

includes Brown Beavertail and Wilson or Brown Safety

EAA Tactical or Unlimited

Built on Customers Frame, Both Packages Include, All EGW parts, Plus an EAA Long Slide

Tactical .40 S&W \$700.00

Unlimited 9x21 \$1100.00

Includes *EDM 3 Port Cone Comp & a Red Buff Scope Mount

Why Wait, We Deliver
Full House Guns in 6 weeks!

Super Deluxe Parts Kits for Caspian, McCormick and Para

Includes EGW Top Shelf Parts!
Everything but a Scope Mount!

Caspian \$650.00
McCormick \$710.00
& Para Ord. \$730.00

EGW Check-Out Service

Not only does EGW work on and modify custom pistols built by other shops, we now offer trouble shooting and a 35 point inspection & cleaning to help keep your equipment in top notch condition!

\$49.95 (3 Day Turnaround)

New Parts

3 Port EDM Comp for Hybrid and QuadraLock Barrels \$150.00
E3 Steel Bow Trigger for Caspian \$40.00

4050 B-8 Skyron Drive
Doylestown PA 18901
(215) 348-9892 • FAX (215) 348-1056

Single Stack Retrofit Package

We will refit the top end of old reliable to your Caspian or McCormick Frame! Includes all New EGW Internals and a Red Buff Scope Mount, Call for Details

Caspian \$700, McCormick \$775

Tactical Package on Your Colt or Springfield

Includes Bomar Rear & *Dovetail Front Sight, Videcki Trigger, *Hard Sear, Brown Hammer, 2.5lb. Action, *Long Ejector, Wilson Beavertail, *Mag Button, King Thumb Safety, and more!

\$750.00 (extra Options available!)

Ejection Problems? Call US to Fix It!

Red Buff Mounts Back in Stock!

25% off installation with Mount Purchase, 1911 \$130, High Cap. \$180 installed!

* Indicates EGW Manufactured Parts
All Prices Exclude Shipping & Insurance
Send a \$1 for Catalog and Parts List!

EGW
EVOLUTION GUN WORKS

INSIDE U.S.P.S.A.

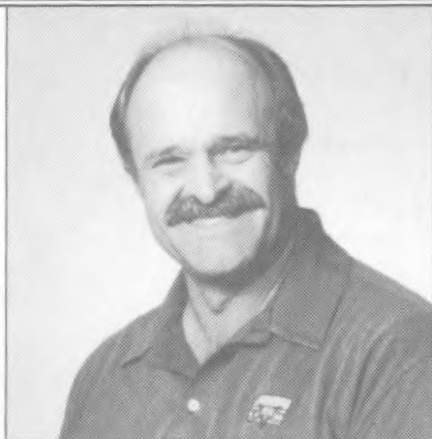
This is the last opportunity I will have to address you as USPSA President. I want to take this time to thank you all for nine wonderful, interesting, exciting, and sometimes frustrating years. The wonderful people I have met in the sport have made this part of my life's journey worthwhile. I have grown and matured along with the sport and I would not have given up this experience for anything. Thank you for the good times!

Even though I won't still bear the title of President, I hope that I will hear from you in the years to come. I don't intend to disappear from the sport, only from the limelight. I expect to shoot with my old friends, and make new friends and socialize at many USPSA club events. I hope to see you there.

SURVEY

There is a survey in this issue that we hope you will fill out. With a new administration and changes in the B.O.D., they thought it was time to touch bases with the members and ask questions about some of the recent developments in the sport. Please take the time to think about the questions and answer them. Your sport is depending on you.

Most of the questions are self-explanatory or have a lead-in that tells you of the current policy. The question on power factors is not to start any new speculation but to find out how



Dave Stanford, President

the majority of our members feel about the current policy. I receive at least one letter each month suggesting we have only one power factor. Is this from a vocal minority, or is it something that the membership is concerned about?

The questions about IPSC were stimulated in a large part

SWANSONG SURVEY FLOOD RELIEF WORLD ASSEMBLY USPSA SCORING PROGRAM

by a letter to one of our clubs from IROA wanting to plan a match in the United States without consulting the RD's office. Needless to say, this caused some consternation within the Board.

The questions about the magazine length are to find out how our membership really feels about the situation. Is it accomplishing what was intended? Do our Limited shooters want to continue with the current policy or should long magazines be allowed only in

Open category? The IPSC world assembly was unable to get a two-thirds majority to approve any proposed changes at the meeting in September 1993. As a result, there won't be any world-wide changes within IPSC for at least a year.

FLOOD RELIEF

The USPSA Board has authorized the shooting of a SPECIAL classifier match at all of our clubs. The purpose of this match is to help provide funds to assist the people in Pike and Adams counties in Illinois. The Board and I urge our clubs to take part in this event. This is the first time your organization has attempted a charitable enterprise on a nationwide basis. Let's show the people, who may not get back into their homes for a year because of the devastating floods, that we want to help. This is your chance to show that we, as a group, care about others less fortunate.

The match will consist of a total of four classifier courses shot between Nov. 1, 1993, and June 30, 1994. Clubs will receive Activity Credits (Mission Count) for the match. These credits are in addition to any Mission Count earned in the regular 12 matches a year. We ask that clubs charge a fee of \$10 per competitor, all of which would be sent to USPSA. Clubs should charge enough additional to cover their expenses to pay for targets, tape and any range fees, if applicable.

When the results from your match are received at USPSA, scores will be entered, clubs

credited for the activity as at a regular match, and the proceeds sent to a 501C agency that is providing flood relief and support to the people in the Quincy-Barry area.

We have all seen the TV coverage of the devastating floods in the area. I have personally seen homes still completely filled with water months after the original floods. These homes are totally destroyed. Lakes now exist where homes and farms once stood. Just because the worst of the flooding is past does not mean the emergency is over. It is anticipated that it will take several years to get back to a semblance of normality in the hard-hit areas. To show the magnitude of it all, more than eight million acres were under water. Won't you help?

WORLD ASSEMBLY

This is a short report taken from my notes about the main issues discussed in the World Assembly Sept. 18 & 19. For a detailed report you can refer to the minutes when they become available.

Several nations were accepted for provisional membership, among which was China.

A royalty agreement between IPSC and EPC, the maker of subminiature sights, was confirmed, with some modifications required. A royalty agreement between IPSC and Prolix was withdrawn by the executive.

A proposal that 1/2 size IPSC metallic silhouette targets be allowed in IPSC was withdrawn by the executive.

A motion to discuss the magazine and shooting category issues failed for lack of a two-thirds majority. This means that there will not be a review of the magazines or shooting categories by IPSC for

at least one year. (The agenda had contained several proposals to regulate magazine lengths, require the standard/Limited pistols to fit in the box, and to limit standard/Limited guns to NO modifications.)

The name of Senior category was modified so that a person could be listed as either a Senior or a Veteran. A proposal to make up teams of Juniors, Seniors etc. failed.

A constitutional amendment sought by J.P. to restructure the executive council and appoint various V.P.'s to specific duties passed.

A proposal to rank (or classify) shooters in a particular country based on that country's top finisher at the World Shoot failed.

The proposal by J.P. to give the American Handgunner Postal Match IPSC sanction even if the competitors were not members of a region was with-

drawn by J.P. Denis. The proposal received little support and quite a bit of opposition. Most of the opposition stemmed from fear of liability in many countries, not just the United States.

The next Assembly is in Buenos Aires, Argentina, in the fall of 1994. The next World Shoot will be in Brazil in 1996.

J.P. Denis was re-elected (unopposed) for another term, even though he declared he would resign after serving one year. The Assembly should plan on having an election in 1994 in Argentina.

SCORING PROGRAM

The USPSA Scoring program will begin shipping Nov 1st. It is free to all clubs. Individuals who wish to have a copy of the program may order one

INSIDE USPSA cont. on page 89.

HOT AND HEAVY

Introducing two new performance bullets for the .40 S&W and 10mm Auto Cartridges.

- Designed for Practical competitors, Nosler's sizzling hot 135 grain Hollow Point can be loaded to make USPSA/IPSC Major Power factor category without the heavy recoil commonly associated with big bore guns. Nosler's sure-feeding truncated cone configuration and jacketed construction result in a clean shooting bullet for all levels of competition.
- Nosler's new heavyweight 10mm 180 grain Hollow Point allows .40 S&W shooters to duplicate the popular FBI 180 grain factory load, but with the accuracy, consistency and reliable performance that Nosler bullets are known for.
- Find the complete line of Nosler Handgun Bullets including the new 10mm offerings at your favorite gun shop or sporting goods store. And while you're there, buy a copy of Nosler's *Reloading Manual Number Three*.
Nosler's new customer service no.: 1 (800) 285-3701.

Nosler® BULLETS
Handgun

For a free 1993 color catalog, write: Nosler, Inc., Dept. F2-5, P.O. Box 671, Bend, Oregon 97709

1993 ILLINOIS STATE CHAMPIONSHIP

by Steven R. Kalamen, L-573

On June 25-27, the five clubs of the Northern Illinois Section hosted the 1st Annual Illinois State Championship. This seven stage match drew 89 Open and 28 Limited shooters.

Stage 1, "Your First Carjacking," was a field course. While seated in a real car, shooters engaged targets through the window. After exiting the car, shooters then moved to five other positions. John Middlekauf won this stage in Open and Jack Weigand won in Limited.

Stage 2, "Paper and Steel," was a burner stage won by Greg Lyle in Limited and Ray Hirst in Open.

Stage 3, "How Low Can You Go?" was a three-position field course shot from varied

heights. John Middlekauf won his second stage in Open as did Jack Weigand in Limited.

Stage 4, "Cake Walk," required competitors to shoot through a plastic snow fence (which jammed more than a few comp guns). Rick McDowell was the Open winner and Greg Lyle was the Limited winner.

Stage 5, "Guess Which," had a disappearing target that was so fast only six shooters in the entire match got two hits on it. John Middlekauf and Jack Weigand three-peated for stage wins.

In Stage 6, "Zig-Zag," shooters engaged targets through windows at different heights while moving through a totally enclosed hallway. Paul Kurtz won in Open and Steph Hobson won in Limited.

Stage 7 was the classifier "Long Range Standards." Rick McDowell was the Open winner and Mike McCormick won in Limited.

After the numbers were crunched, Rick McDowell was the Open match winner and Jack Weigand was the Limited winner and 1993 Illinois State Limited Champion. Stan Olsen was the 1993 Illinois State Open Champion.

I want to thank the great match staff who kept the match running 1 1/2 hours ahead of schedule. Special thanks to the stage and prize sponsors whose generous support provided for an excellent prize table. We appreciate their support.



COMPETITION ACCESSORIES

- Case Gauges, 9x19, 9x21, .38 Super, 40 S&W, 10mm, .45ACP
- Soft Mag Pads (3 to a Pack)
1911, CZ clones, Sig Sauer, Beretta Black, Red, Blue, Green, Yellow
- Hogue Rubber Mono-Grip
- **NEW!** Hogue Handall Grip Sleeves fits most automatics without a grip safety, Glock, S&W, Ruger, Beretta, Sig, Taurus 92, CZ75 & clones, ...

USPSA APPROVED IPSC TARGETS

NRA Action Targets
Tan & Black Pasters
Tan, Black & White Tape

CP Bullets Wins Nine out of the Last Ten USPSA Nationals

A New Level of Quality, Our Own Fully Plated & Bevel Based

CP COPPER CLAD BULLETS

9mm / .38 Super • 115 gr. RN
124 gr. RN • 135 gr. RN • 147 gr. RN
.38 Caliber/.357 Mag
125 gr. FN • 158 gr. FN
10mm / .40 S&W
155 gr. FN • 175 gr. FN
.45 ACP • 200 gr. SWC • 230 gr. RN

LOADING COMPONENTS

Winchester & Tanfoglio Brass
9mm, 9x21, .38 Super+P, 10mm,
.40 S&W, .45 ACP
Winchester Powders & Primers
231, 540 & 571
Small Rifle, Small & Large Pistol
Accurate Powders #2, #5 & #7

WE LOAD USPSA MAJOR (All Calibers)

The First Perfect Score at the Bianchi Cup was shot using

CP SUPER HARD CAST BULLETS

9mm / .38 Super • 120 gr. FN
125 gr. RN • 134 gr. RN • 140 gr. SWC
145 gr. RN • 155 gr. SWC • 160 gr. RN
.38 Caliber/.357 Mag
148 gr. DEWC • 158 gr. SWC
10mm / .40 S&W
155 gr. RN • 175 gr. SWC • 200 gr. SWC
.41 Caliber
170 gr. SWC • 210 gr. SWC
.44 Mag
215 gr. SWC • 240 gr. SWC
.45 ACP • 152 gr. Ultra SWC
178 gr. SWC • 200 gr. SWC • 215 gr. SWC
225 gr. FN • 230 gr. RN • 255 gr. SWC

Try CP Short Packs,
All Calibers, All Bullet Types

COD • Visa • Mastercard - 1814 Mearns Road • Warminster, PA 18974
FOR 24HR. ORDERING CALL (215) 956-9595 OR FAX YOUR ORDER (215) 675-7150

INSIDE NROI

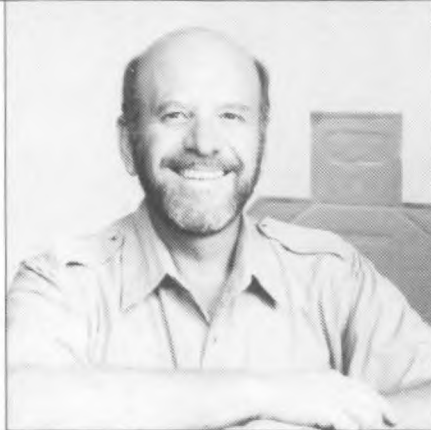
Open Nationals ...

The 1993 Open National Championship is history, and what an historical event it was! For the first time in the past 10 years, weather forced the cancellation of one day of competition — Thursday. A light rain also fell on Tuesday. It was this lighter rain that set the stage for a most instructive protest and arbitration.

On stage 4, a plywood floor had been painted and roughed with sand prior to the match. A wood ramp leading to the floor had strips of lath screwed to it to provide traction. The first squad to shoot the stage on Tuesday encountered damp conditions and believed that it caused at least one shooter to fall. A protest was filed on the grounds that rule 3.01 requires safe design and construction of props. The arbitration committee denied the protest with this reasoning.

“Under the spirit of Principles 6 and 8 of IPSC (Realism and Freestyle), it is the competitor’s responsibility to adapt his performance to changing weather conditions which are part of the challenge of the competition. If a competitor deemed stage conditions to be unsafe, he or she should have requested the cleaning of the props for the purpose of making its surface reasonably safe (4.07 — competitors shall have the right to request the clearance of such areas prior to competing).”

The report of findings goes on, “The above Principles are expanded in rule 2.00, ‘The value of practical competition is determined by the quality of the challenge and the visible rele-



Andy Hollar, V.P. Dir., NROI

vance of course design to hypothetical conditions requiring the use of a firearm.’ Page 10 of the manual (not part of the rules) states, ‘Wear adequate clothing - Practical Shooting is an outdoor sport practiced in all weather. Pouring rain or 6" of snow, the match goes on ...’. The committee inspected the stage and determined that rule 3.05 (Reasonable preparation of



the range surface shall be carried out by the course construction ...) had been complied with. The bottom line is this. Course designers and builders must be reasonably careful about making stages safe, competitors have to adapt to changing weather conditions by slowing down if necessary. More about a second protest on the same stage in a later issue. Stay tuned.

So it Happened During the Nationals ...

Contributed by Bill Maund.
I’m not sure how long the heavens had been pouring rain over

PASA park Thursday morning. The staff arrived in rain gear, but their breathable Goretex suits were easily penetrated by torrents of gale force wetness as they plodded to their stages. The competitors crowded on the veranda and in the concession area of Smith & Wesson hall waiting for the cloudburst to end.

Finally, at nine o’clock, the eight o’clock squads were sent to their stages. When squad 25 arrived at “Standards,” the staff was drenched to the skin. Undaunted, the staff covered cardboard targets with plastic bags and mounted them onto the turning stands. By the time the first four shooters were ready, the targets were already wilting. RO’s splashed downstream — ‘er, down-range — between strings with fresh targets already getting soft from the incessant downpour. As repairs were made, one RO, Harold Barrow, shared coffee from his thermos with a waiting competitor shivering in a soaking-wet T shirt. The RO’s were doing their best to help the competitors shoot their best possible scores.

A short time later all competition for Thursday was suspended. The PASA rain gauge recorded 6-1/4 inches in less than 24 hours. On Friday the sun was again shining and the temperature comfortable when the RO staff again fanned out across the range. It had already been a hard week. Twelve-hour workdays with Monday sweltering and Thursday breeding pneumonia. Now the CRO’s, RO’s, Stats Officers, Range Masters and a cadre of PASA

INSIDE NROI cont. on page 90.

1993 U.S. NATIONALS

by Dave Stanford, RD-2

The 1993 Open Championship, which ran from August 30th through September 3, was a thriller. The men's and women's competition was hot, heavy and went right down to the wire. Even the top shooters were unsure of the winner until the official announcement on Friday. When the results were announced, Matt McLearn was the Men's Champion, while Kay Clark was the Women's Champion. Matt just edged Todd Jarrett by .26 percent and Kay Clark edged out Sheila Brey by .64 percent. The Colt Speed Shootoff was won by Todd Jarrett, with Matt finishing second.

European American Armory, Colt Industries, Oglesby & Oglesby, Springfield, Inc., Taurus Firearms, and Winchester were all major match sponsors. Their support once again enabled the match to be a fun, exciting contest with rewards for all. Be sure to let these sponsors know you appreciate the great com-



Matt McLearn scoots behind the "couch" on Stay Low with Rosie Rosel watching.

mitment of resources they have made to our sport.

The match was not without its moments. While there was some rain early in the week, the weather gods waited until Wednesday night to really blow in a gale with winds up to 70 mph. More than six inches of rain fell in 24 hours, mostly on Thursday, and the match had to be shut down for the day. Those who managed to shoot Thursday were allowed reshoots on Friday when we tried to shoot two days' worth of

competition in only one day, and darn near made it. We ran 2500 shooters on Friday, and only had three squads to shoot through one stage and two squads through another stage on Saturday morning. This was the first time in the history of the Nationals that we have had to use our Rain Day of Saturday morning. The shooters and the RO's worked together to bring the event to a happy conclusion.

The stages were well received and, while seemingly simple, had some sur-

prises built in that required both fast and accurate shooting. The results of the 1993 Nationals, and the World Shoot, held just two weeks later, validated the concept that you can test the best shooters in the world and you don't need 35 courses to do it. The U.S. Nationals courses are designed to test a full range of skills and they did so. The top man and woman shooter at the U.S. Nationals were also the top man and woman shooter at



EUROPEAN AMERICAN ARMORY CORP.



TAURUS®



LIMITED ACCESS

CREATED BY DON GABROVICH, RM

Designer	Don Gabrovich, RM
Scoring	Comstock, 105 Points, 21 rounds
Targets, Hits	7 USPSA Paper targets, 5 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Standing in box A hands hanging naturally at sides, "pass card" in either hand.

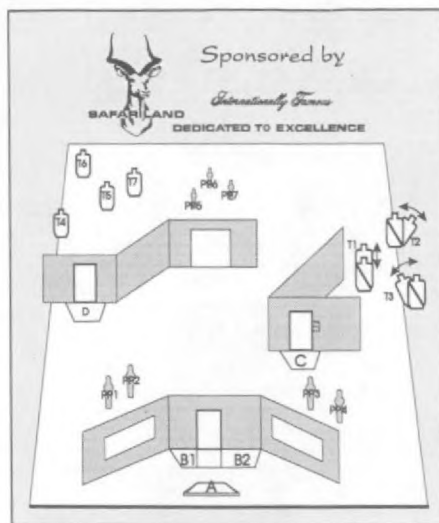
At the start signal, the competitor will draw and engage only PP1 - PP4 with all rounds passing through the windows. Competitor will then move to box B1 and/or B2 and engage only PP5 - PP7 through the door. Competitor will then move to box C, insert the pass card into the slot at C, and engage only T1 - T3, which will become fully visible after inserting the card, with two rounds each. Competitor then moves to box D and engages only T4 - T7 with two rounds each.

RANGE OFFICER NOTES: The pass card must be properly inserted into the slot at door C before appropriate targets can be engaged. The card may be left at slot C as it is not needed at D.

the World Shoot just two weeks later in Bisley, England.

A new cartridge was also introduced at this Nationals. Rob Leatham, Doug Boykin and Kippi Boykin were shooting the Dillon 9x25 which is a 10mm cartridge necked down to 9mm. It may not have been such a good idea to test it at the Nationals as severe jams brought Rob Leatham down from a possible 5th place to 21st. This is the first time in many years that Rob hasn't placed in the top 16.

Stage 1, Limited Access, was a field course sponsored by **Safariland** and designed by Don Gabrovich. This scenario simulated defending a nuclear power plant. Shooters started by engaging some poppers through windows, then proceeded to a door to engage other poppers which were visible some distance downrange. They then went to another



room where they had to insert a security cardkey in a box on the door to gain entry to a second room. Inserting the cardkey started three targets moving up and down and swinging. Each target was set to a different speed and it was almost impossible to anticipate which target was going to ap-



Stage 1 RO crew: Jerry Wisecarver, PASA volunteer, Tom Flett, Denise Metcalf, Don Gabrovich, Doug Billig, PASA volunteer, Cooper Buckalew.

pear next. Naturally, each target was protected by a no-shoot. After completing that segment, shooters moved to another doorway to engage four stationary targets to complete the course. Top shooter for this stage was Doug Koenig in 19.69 seconds.

Stage 2, Hellzapoppin, was a short 13-round speed shoot sponsored by **Clark Custom Guns**. The shooting box was set up like a teller cage. This course required shooting through a port, then around



Jerry Barnhart clears the PASA nuke plant of terrorists.





HELLZAPOPPIN'

CRO: SHARJ FREER, RM

Designer	Desert Sportsman, US Design Team (CM 91-2)
Scoring	Comstock, 65 Points, 13 rounds
Targets, Hits	5 USPSA Paper targets, 3 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Standing in start box, hands hanging naturally at sides, loaded gun on shelf, muzzle down range.

On start signal, competitor will retrieve gun and engage targets from within the confines of shooting box A. Engage only PP1 - PP3 around left side of wall, engage only T1 - T2 from around right side of wall, engage only T3 - T5 through the window.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position.



Still Available

1993 OPEN NATIONALS SHIRTS, ETC.

T-Shirts	S,M,L,XL,XXL	\$10
Kids T-Shirts	6-8/10-12/14-16	10
Long Sleeve Shirts	S,M,L,XL,XXL	15
Jackets	S,M,L,XL,XXL	40
Sweatshirts	S,M,L,XL,XXL	15
Hats		5
Cups		4
Can Wraps		2

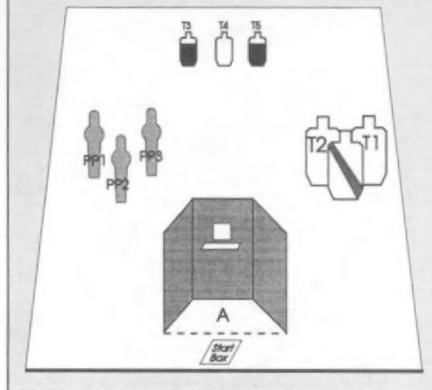
We also carry *Masters* pins, patches and stickers. Available from 1987 to Present.

Please mail check or money order to:

GUTHRIE ENTERPRISES
567 Williams
Barry, IL 62312

**ORDER NOW
WHILE SUPPLIES LAST**

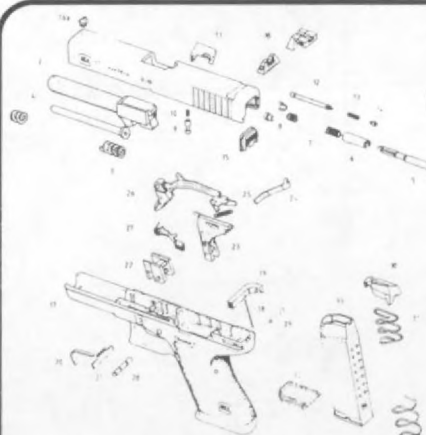
Sponsored by
Clark Custom Guns, Inc.



PASA staff: Everett Dilley and John Nienhiser. Nationals staff: Ken Skeeters, Jim Kauzlarich, Jay Worden, and Dwight Duke.



Ron Avery shows good form on "Executive Action."



GLOCK 3 1/2 lb. TRIGGER JOBS

FACTORY PARTS INSTALLED
AND TESTED
BY CERTIFIED GLOCK
ARMORERS
\$55.00*

with
FACTORY EXTENDED MAG
RELEASE
\$65.00*

3 1/2 lb. TRIGGERS ARE FOR COMPETITION USE ONLY AND ARE **NOT**
INTENDED FOR DEFENSE OR LAW ENFORCEMENT USE.

PARTS AVAILABLE WITHOUT INSTALLATION & TESTING TO
CERTIFIED GLOCK ARMORERS ONLY

S.G.E., Inc.

789 Pleasant Valley Road · Diamond Springs, CA 95619
© (916) 626-8500 · FAX (916) 622-8206

* Add \$4.00 shipping · California residents add 7.25% sales tax



Mike Harris, Egil Smestad, PASA volunteer, Roger Brown, and Patrick Baird.



Sponsored by
Ed Brown Products
Professional Handgun Accessories
 MADE IN U.S.A.

the left and right sides of the barricade wall. Jethro Dionisio topped this stage in 8.94 seconds.

Stage 3, Executive Action, was a Comstock speed shoot sponsored by **Ed Brown Products**. Shooters were required to pick up their guns from a desk, move to a doorway on the left to engage a group of full targets, then to a window on the right to engage partial targets behind no-shoots. This stage required a definite change in mindset from hose mode to accuracy mode. JoJo Vidanes did this one in 7.78.

Stage 4, Walt's Tires, was a 23-round Comstock field course sponsored by **Para-Ordinance**. It sported two US poppers,



Jethro Dionisio shows determination.



EXECUTIVE ACTION

CO: MIKE HARRIS, CRO

Designer	John Wells, RM
Scoring	Comstock, 80 Points, 16 rounds
Targets, Hits	8 USPSA Paper targets. Two rounds each paper.
Start - Stop	Audible - Last shot
Start Position	Seated at desk, back against back of chair. Gun on desk top, muzzle down range, hands on knees.

On start signal, competitor will engage only T1 - T4 through the door way and engage only T5 - T8 through the window.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position.

one Pepper popper and 10 paper targets with assorted no-shoots. Shooters began by engaging three targets from a shooting box before running onto a platform to engage targets over a stack of tires. Two more target were engaged from underneath a partly open ga-

LANE BULLETS
 Kansas City, Kansas

1-800-444-7468

MO NRA STATE CHAMPIONSHIP 1990
 Discup Club Record 1990

AREA FOUR & FIVE IPSC CHAMPIONSHIPS
 1st Place Limited Division

NRA BIANCHI CUP - 92
 1st Place Metallic Sight

MO STATE PPC CHAMPIONSHIP
 Winner 85, 86, 87, 88, 90, 91, 92

NRA BIANCHI CUP
 Perfect Scores Practical,
 Barricade & Plates
 2600 CLUB WINNERS

These Winnings are of no surprise since our bullets give the edge needed for those extra few points. Lane Bullets has a long history of taking shooters to the winners circle. We put a great deal of work and interest in making a consistently high quality bullet run after run, designed for the serious target shooter.

The lead we use is made hard enough to prevent base distortion under high pressure. We use a firm, non tacky lube with a low flow point.

WASHTENAW GUN WORKS

MAJOR MAG WELL FOR PARA ORDINANCE FRAMES

*PROFESSIONALLY TIG WELDED, NOT SILVER SOLDERED *INCREASES MAG WELL OPENING BY 97%

GUARANTEED 10 DAY TURNAROUND

\$139.95 INSTALLED (PLUS S&H) REBLUE LOWER HALF \$10.00 ADDITIONAL

WASHTENAW GUN WORKS • 227 S. FORD BLVD. • YPSILANTI • MI • 48198 • (313)482-6800



WALT'S TIRES

CRO: GARY STEVENS, CRO

Designer	US Design Team
Scoring	Comstock, 115 Points, 23 rounds
Targets, Hits	10 USPSA targets, 1 Pepper Poppers, 2 US Poppers. Two rounds each paper, steel must fall to score.
Start - Stop	Audible - Last shot
Start Position	Standing in start box, hands hanging naturally at sides.

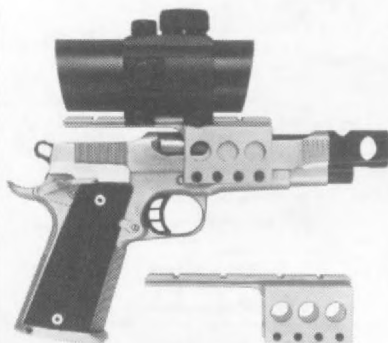
On start signal, competitor will draw and engage only T1 - T3 and PP1 from box A. Competitor will then move to B and engage only T4 - T7 from box B. All rounds fired at T6 and T7 must pass under the garage door. Competitor then moves to C and engages only T8 - T10 and US Poppers 1 and 2.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position.

Hornady
BULLETS • RELOADERS • AMMUNITION

SCOPE DOCTOR

Electronic Scope Specialist

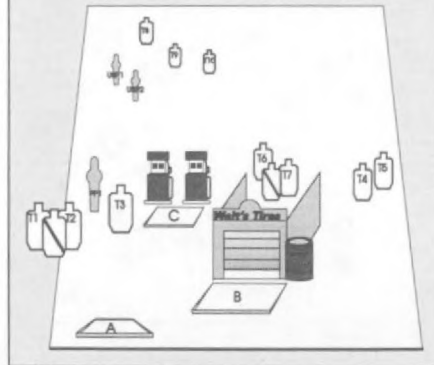


P.O. Box 172
Keithville, LA 71047
Mon. - Fri.
6 P.M. - 9 P.M. Central
(318) 933-9907

Sponsored by



Para-Ordnance.



Troy McManus, Robin Dulaney, Gary Stevens, Don Nacke, Joe Gould, and Matt Blake.

rage door. Shooters then moved to cover behind some gas pumps to engage two US poppers and three targets. This stage was won by Ron Avery in a time of 13.53.

Walt's Tires was the only stage on which any arbitrations were filed. Both concerned weather and the footing on the platform. In the first instance, the surface of the platform was protected by painted and sand surface. Ordinary tennis shoes didn't seem to slip, but shooters with hard-soled, cleated shoes did seem to have some problems. As a result of the downpour on Thursday, the surface deteriorated. The paint started peeling and, in some places, reached bare wood. The bare surface did become slippery to all types of footwear. We then nailed cleats to the floor to help



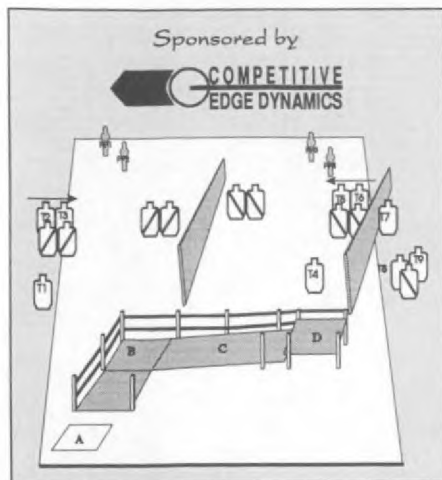
Rob Leatham, while waiting to have his tires rotated at Walt's, takes care of a small problem (or two.)

SELL YOUR USED GUNS OR EQUIPMENT!

Now you can BUY, SELL or TRADE your competition guns, holsters, belts, timers, mag pouches, chronos, magazines, rifles, or shotguns, with other competitive shooters. Subscribe to the only monthly marketing newsletter that is **STRICTLY COMPETITION SHOOTING ORIENTED** and place your ad to sell your equipment today.

Target Arms MARKETPLACE

P.O. Box 534, West Bend, WI 53095 (414) 338-2121



Two PASA volunteers, Ray Hirst, Harry Iha, Greg Miller, David Hyden, Bill Coogan, and a PASA volunteer.



Greg Miller handles the RO chores while Ray Hirst gives the "Loading Chute" a shakedown cruise.

prevent slippage as a safety measure. After this was done, another arbitration was filed because the surface had been changed. The gist of the second arbitration was that competitors who shot on the cleated surface had an advantage over those who didn't. The arbitration committee denied both arbitrations, and did not require any reshoots.



LOADING CHUTE

CRO: DAVID HYDEN, CRO

Designer	Harvey Arnold, CRO, Modified by US Design Team.
Scoring	Cornstock, 110 Points, 22 rounds
Targets, Hits	9 USPSA Paper targets, 4 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Standing in box A, hands hanging naturally at sides.

On start signal, competitor will draw and engage only PP1 and PP2 from box A. Competitor will move to box B and engage only T1 - T3 with two rounds each. Competitor will move to C and Engage only PP3 and PP4 and T4 - T6 with two rounds each. Then move to box D and engage only T7 - T9.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position. Popper PP1 will activate moving targets T2 and T3. Popper PP3 will activate moving targets T5 and T6.

The committee believed that, if anything, the cleats would hamper a shooter when trying to shoot under the partly opened garage door. Actions taken for reasons of safety were

We Can Make You A Better Shooter.

Tetra Gun®

The Next Generation in Lubrication Technology

Honest. We're talking about increased muzzle velocity and better accuracy. More reliable operation in cold weather and adverse environments. And less time spent cleaning, with more time hunting or on the range.

Tetra Gun is a major advance in firearms lubrication and preservation that can help your gun perform to optimum design specifications. Its patented, high-tech formula also provides long-lasting protection from wear and fouling.

Check Tetra Gun out. We think you'll join the growing family of organizations and experts that recommend Tetra Gun for new and classic firearms.



Grease, Oil and Spray Lubricant/Cleaner
Available at Your Firearms Dealer
FTI, Inc • 410 268 6451
1812 Margaret Avenue • Annapolis, MD • 21401

Vic PARTS

WIN!

The trademarked straight trigger that WON

- IPSC Nationals • Bianchi Cup
- Steel Challenge

THE Vic + 170™

FOR THE NEW Caspian **\$58**

TRIGGER CONTROL INCREASES SCORES!
More sensitive feel • Higher scores • Straight design feels the same no matter where your finger hits
• Allows quicker first shots!

FOR THE 1911 Extra-Long Plus +170..... **\$31** Long Length... **\$27**

Vic Lite .152GR .45 Bullet
•Makes 190 power factor safely without ramped barrels •Load data & SAAMI Specs supplied
\$33.95 per M&S/M •Very accurate •Feeds reliably

Socket Screws TOP QUALITY!
NOW Complete set of 4 with 3/32 key. For 1911.
\$6 Blue \$7 Stainless

PHONE or FAX
(216) 572-0323

VIC INTERNATIONAL DIST. INC.

18056 Ledgepoint Pl. • Strongsville, OH 44136

ruled within the prerogative of the match director.

Stage 5, Loading Chute, sponsored by **Competitive Edge Dynamics**, was one of the best loved stages of the match. It was a 22-round Comstock field course set in a stockyard. It had two moving targets activated by Pepper poppers. The moving targets came from behind a wall and moved across an opening to come to rest concealed be-

hind hard cover and two no-shoots.

Shooters engaged a paper target and two no-shoots from outside the 'yard', then moved into the loading chute to engage the moving targets as they traversed the range. Shooters then moved farther into the chute to engage two more Pepper poppers and another set of moving targets which travelled in the opposite direction to the first set. Finally at the top of the

chute, three more targets were engaged. Matt McLearn topped this stage in 14.27 seconds.

Stage 6, Happy Camper, was sponsored by **Shooting Acces-**



HAPPY CAMPER

CRO: MARSHALL TODD, CRO

Designer	Bob Russell, CRO
Scoring	Comstock, 100 Points, 20 rounds
Targets, Hits	8 USPSA Paper targets, 4 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Standing in start box, hands hanging naturally at sides.

On start signal, competitor will draw and engage only targets T1 - T2 and Poppers PP1 and PP2 through the port at wall B. Competitor will then move to engage targets T2 - T3 and Poppers PP3 and PP4 through the port at wall C. Then move into the tent and engage remaining targets T5 - T8 with two rounds each.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position. Targets T1 and T2 will appear when PP1 is struck down.



Time Out. Egel Smestad leads the bull session while waiting



PASA volunteer, Scott Browning, Martha Clarke, PASA volunteer, Barry Ebel, Marshall Todd and Larry Lord.

BIANCHI TARGETS AVAILABLE

We Have Top Quality Targets

Action Shooting Type
with Clean Cut Scoring Lines

COST: \$40 per Shipping Box of 100
+ UPS Shipping Cost

OUR OFFICIAL IPSC/USPSA TARGETS

Are a Range Officer's Dream

Easy to Score and Sturdy

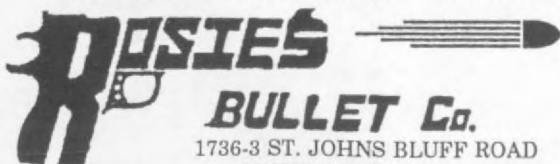
\$32 per Box of 100 + UPS Cost

Targets are Tan with White Back

SAFARILAND holsters and other competition equipment also in stock.

135 FMJ Bullets - Now Available

TOP QUALITY PASTERS • 500 to a Box • Price: \$3 per Thousand



1736-3 ST. JOHNS BLUFF ROAD
JACKSONVILLE, FL 32216

(904) 645-6119
FAX (904) 642-2331

Sponsored by

SHOOTING ACCESSORIES, INC.

Stone Wall B Stone Wall C



**Strayer
Tripp
International**
Austin, Texas USA

THE BEST GETS BETTER!!

RACE PARTS

For years you have used our hi-performance 1911 components to win with, but unless you read the fine print at the bottom of the package you didn't know they were designed and made by us. We have changed our name from Tripp Research, Inc. to **STRAYER-TRIPP INTERNATIONAL**. Now with the middleman gone we are bringing those same parts to you at a **BETTER PRICE**. We are continuing to bring you the hi-tech parts that you need to stay ahead of the competition and in the winners circle. Our new Titanium Claw Hammer has a hardened steel insert that gives you the "Wear of Steel with the Speed of Titanium."



HI-CAPACITY FRAMES

We designed and manufacture the high capacity frame that took the 1911 into the 21st Century. Our modular design revolutionized the way pistol frames are made. Using cutting edge technology we gave you a precision, lightweight frame for building tomorrow's raceguns today. The year our frame was introduced it was used to win the 1992 USPSA Nationals. This year it was used to win the Shoot-off at World Shoot X. Our interactive customer support is unmatched in the firearms industry. We look at it as a partnership with you. The STI 2011[®] is the frame of choice by top IPSC competitors and **NOW IT IS PRICED BETTER FOR YOU!**

ULTIMATE TACTICAL PISTOL

Whether you are a SWAT Officer whose life depends on the pistol he carries or an USPSA/IPSC competitor whose victory depends on his handgun, STI gives you the pistol of the 21st Century- The STI 2011[®] in .40 S&W. This precision handgun gives you high capacity 17 + 1 with unparalleled quality in an "out-of-the-box" semi-automatic pistol. **A COMPETITION READY PRODUCTION GUN AT AN AFFORDABLE PRICE!**



★ JOIN THE



TEAM TODAY!

DEALERS SEND YOUR FFL NOW!



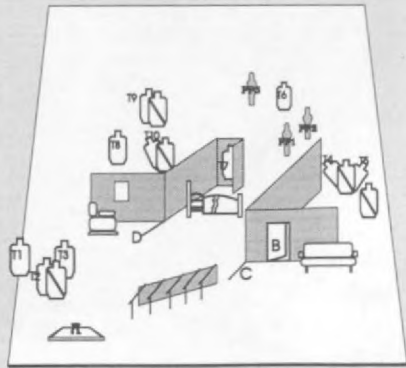
STRAYER-TRIPP INTERNATIONAL

12108-A ROXIE DR.
AUSTIN, TX 78729

1-800-959-8201

FAX (512) 250-0926
FAX (512) 250-9183

Sponsored by



STAY LOW

CRO: ROSIE ROSEL, CRO

Designer	US Design team
Scoring	Comstock, 115 Points, 23 rounds
Targets, Hits	10 USPSA Paper targets, 3 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Standing in start box, hands hanging naturally at sides.

On start signal, competitor will draw and engage only T1 - T3 with two rounds each. Competitor will then maintain cover by going through the tunnel while moving to door B where he will engage only T4 - T5 with two rounds each from behind the threshold (door will only open approximately 6"). Competitor will then move to corner and from box C, engage only T6 with two rounds and PP1 - PP3. Competitor will then move to box D and engage only T7 - T10 from box D with two rounds each. All rounds fired at T8 and T9 must pass through the window.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged from each position. Failure to maintain cover passing from A to B will result in 5 procedural penalties. One procedural penalty will be assigned for each cover lath knocked off the cover wall. Competitors are warned that guns may not be re-holstered while in the tunnel as that will generally cause a violation of the 180 degree rule and result in disqualification.



Stage 8

CHECK CASHING STANDARDS

CRO: RICK RAYMOND, RM

Designer	US Design Team
Scoring	Time Fire, 90 Points, 18 rounds
Targets, Hits	9 USPSA Paper targets. Two rounds each.
Start - Stop	Audible & visual - Audible & visual
Start Position	Standing in start box, hands hanging naturally at sides.

String 1: On start signal, competitor will draw and engage only targets T1 - T3 in any order with two rounds each.
String 2: On start signal, competitor will draw and engage only targets T4 - T6 in any order with two rounds each.
String 3: On start signal, competitor will draw and engage only targets T7 - T9 in any order with two rounds each.

RANGE OFFICER NOTES: No specific order for target engagement, however only specified targets are to be engaged during each string.
String 1: Targets T1 - T3 will all appear at the start, then disappear one at a time, left to right, in about 3 seconds.
String 2: Targets T4 - T6 will all appear at the start, then disappear one at a time, right to left, in about 2.5 seconds.
String 3: targets T7 - T9 will all appear at the start, then disappear one at a time, center, left then right, in about 2 seconds.



Bill Kehoe, Margaret Kehoe, Russ Little, Rosie Rosel, Kathy Oakley, Cinda Metcalf, and Tom Bunting.



Doug Boykin is about to go low to flank the bad guys.



BITCHIN' BRITCHES

(916) 257-0998

- Specializing in team uniforms
- Embroidery Lettering
- Padded Shooting Pants
- Polo Shirts
- Gun Covers
- Stripping
- A23384
- 10% Discount to USPSA Members

702-715 Johnstonville Rd. #35
Susanville, CA 96130

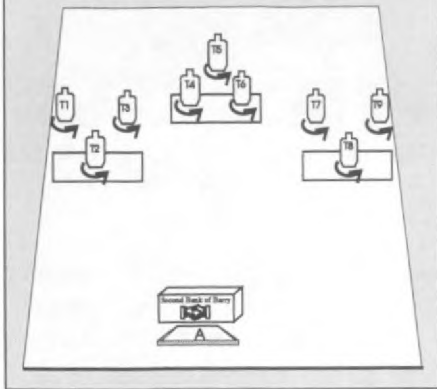
JP ENTERPRISES, INC.

**A RADICAL LOOK
AND PERFORMANCE TO
MATCH**

FOR A NEW MUZZLE BRAKE AVAILABLE FOR MILITARY OR SPORTING RIFLES AND LONG RANGE PISTOLS. INCREDIBLE PERFORMANCE AND NO DUST IN THE PRONE POSITION. FOR COMPLETE CATALOG OF UNIQUE ACCESSORIES FOR RIFLES, PISTOLS AND SHOTGUNS CONTACT:

JP ENTERPRISES, INC.
P.O. BOX 26324
SHOREVIEW, MN 55126
(612) 486-9064
(800) 528-9886

Sponsored by



sories, Inc. In this scenario, our intrepid camper returned to the family camp site to find it had been taken over by out-



James Hutchinson, Rick Raymond, Chuck Huffington, PASA volunteers Tom Riley & John Barnes, and Hank Kapraun.

laws. This 20-round field course featured targets that popped out from behind trees and hid behind hard cover. After engaging the targets in camp and the woods, shooters went into the tent to rescue the family from more bad guys. Once again Matt McLearn was the hero of the day with a time of 15.40 seconds.



Skypp "Mr. Fix-it" Lee spreads some sunshine during a rather rainy week.

Increase Your Winning Odds With CLARK. Industry Leaders Since 1950.



- Bullseye guns that are standards for the industry.
- Creators of the original comp gun.
- The winningest .22 rifles in NSSF match history.
- After-market parts and accessories to transform a stock gun into a championship gun.
- Top quality guns at competitive prices.
- Long-time gunsmithing and competitive shooting experience that assures you the most dependable, accurate firearms on the market today. Join the Clark family championship tradition.
- Send \$2 for complete catalog (Applied toward 1st purchase.)
- Dealer inquiries welcome
- Member American Pistolsmith Guild

Clark CustomGuns, Inc.

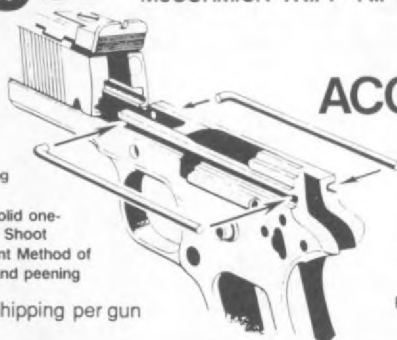
Dept. F • 11462 Keatchie Rd.
Box 530 • Keithville, LA 71047
(318) 925-0836 • FAX (318) 925-9425

Krieger COLT • SPRINGFIELD • CASPIAN • PARA ORD.
McCORMICK-TRIPP • All 1911 Copies

A Patented Slide and Frame Tightening System which Improves the accuracy and the entire Mechanical Functioning

Give your Gun that Solid one-Piece Feeling! It won't Shoot Loose Like the Current Method of Bending, Squeezing and peening

\$195 plus \$10 shipping per gun



ACC-U-RAIL

Pistolsmiths Invited

BOB KRIEGER, INC.
Master Gunsmith
2271 Star Court
Rochester Hills, MI 48309
(313) 853-6171



NIGHTMARE

CRO: SHARON BARBEE, CRO

Designer	US Design Team
Scoring	Comstock, 75 Points, 15 rounds
Targets, Hits	6 USPSA Paper targets, 3 Pepper Poppers. Two rounds each paper, all steel must be down to score.
Start - Stop	Audible - Last shot
Start Position	Laying on bed, ankles crossed, hands and arms relaxed at sides. Gun and all ammo in right-stand.

On start signal, competitor will retrieve gun and from box A engage only poppers PP1 - PP3. Then move to barricade B and engage only T1 - T3 with two rounds each. Move to barricade C and engage only T4 - T6 with two rounds each.

RANGE OFFICER NOTES: No gunbelt or holster may be worn for this stage. No supplemental equipment may be used to carry/hold magazines. All ammo used in the stage must start in the night stand; any other ammo fired will result in one procedural for each round. No specific order for target engagement, however only specified targets are to be engaged from each position.

Stage 7, Stay Low, sponsored by **Caspian Arms Ltd.**, was a 23-round Comstock field course in an urban setting. After initially engaging some targets, our hero had to 'stay low' by crawling behind a couch without showing himself. A Cooper



tunnel was used to simulate the couch. He then went to a room to engage two hostiles through a barely opened doorway. From



PASA volunteer, Gary Thompson, PASA volunteer, Gene Sutton, Sharon Barbee, and Gerry Churchwell.

around a corner three pepper poppers and one full size target were engaged down a hallway. Just as he was about to get to the window to make his escape, another target appeared in a bedroom. Unfortunately, upon reaching the window, he found that the gang (three paper targets and two no-shoots) was al-



Judy Woolley takes care of the spooks in her Nightmare.

TNT

INDUSTRIES

1911-A1 1911-A1 Low Profile High Cap

MAGAZINE BUTTON EXT.

- ❑ No alterations of grips necessary
- ❑ Available in Satin Chrome and Black Oxide
- ❑ 30-Day Money Back Guarantee

Call (802) 472-8263
9 am - 6 pm EST

\$24.95

Shipping & Handling \$3.00

TNT Industries
P.O. Box 727
Hardwick, VT 05843



Table Top Targets®
68 Old Stonehouse Road South
Carlisle, PA 17013
(717) 766-4028

Introducing the new standard for stage design. Table Top Targets® are 1/12th scale waterproof poly foam board that is paintable for all your individual needs. They are light weight and very durable. Now you can lay out your stage and troubleshoot it before you get to the range.

\$10.00 per set
2.50 shipping/handling
PA residents add 6% sales tax

- Basic set includes:
- 22 I.P.S.C. Targets w/stands
 - 12 U.S. Poppers
 - 12 Pepper Poppers
 - 12 8" Plates
 - Graph paper
 - Wall sets soon to be available

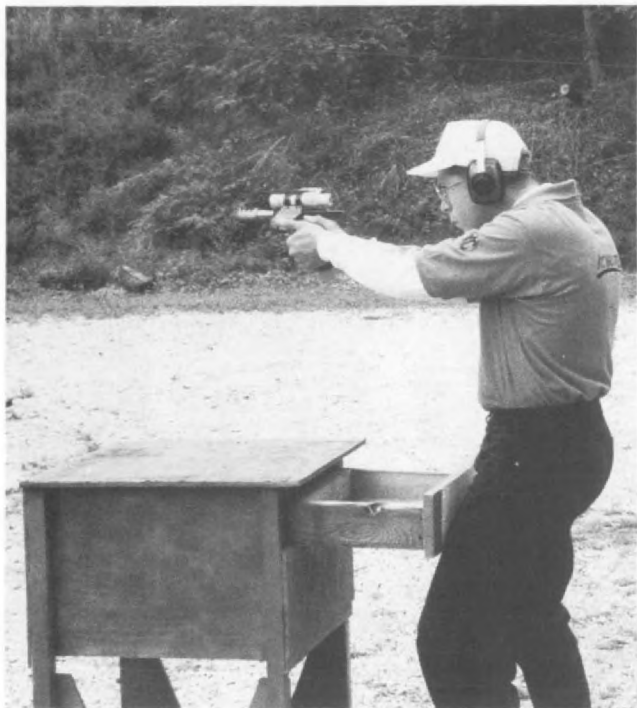
ready outside waiting for him. Jethro Dionisio blazed through all this in just 15.64 seconds.

Stage 8, Check Cashing Standards, sponsored by **Chip**

McCormick Corp., was a computer-controlled timed-fire stage. We expected several people to clean this stage but no one did. Jerry, The Burner,

Barnhart, topped this stage with 84 of a possible 90 points.

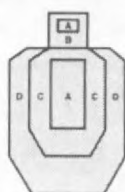
In this course the competitor faced three banks of three appearing targets. When the first



Matt Burkett takes a bead on a "Ghostpopper" in Nightmare.



Valerie Levanza gets ready for lunch at the Road Kill Cafe.



DAVE ZIMMERMAN TARGET BARN

P.O. Box 8528 Toledo, OH 43623
(419) 841-4770



11 YEARS SERVING SHOOTERS — TRY US!

OFFICIAL IPSC & NRA TARGETS

Target #	Price Each	100	500	1000
IPSC	white back	44¢	40¢	36¢
NRA D-1	cardboard	48¢	45¢	42¢
Practice Pin	white	25¢	20¢	15¢
B-2	paper bullseye	—	—	6¢
B-3	paper bullseye	—	—	6¢
B-21	paper police	40¢	37¢	34¢
B-21-E	cardboard FL	50¢	47¢	44¢
B-27	paper police	40¢	37¢	34¢
B-29	paper police	—	8¢	7¢
B-30	paper police	25¢	23¢	21¢
B-60	paper thug	40¢	37¢	34¢
OH-PT	paper Ohio	38¢	35¢	32¢
Pasters	Tan, Black, White per/M			\$3.00
Tan Tape	2" x 60 yd roll			\$3.50
SPECIAL	Tan Pasters, Case of 45,000			\$125.00

MATCH GRADE BULLETS

Bullet Style	Price/M	Bullet Style	Price/M
9mm 125 LRN	27.50	38SUP 160 LRN	30.00
9mm 147 LSWC	28.75	38SUP 160 LSWC	30.00
9mm 160 LRN	30.00	38SUP 115 FMJ	45.00
9mm 160 LSWC	30.00	38SUP 124 FMJ	47.50
9mm 115 FMJ	45.00	38SUP 135 FMJ	48.75
9mm 124 FMJ	47.50	38SUP 147 FMJ	51.25
9mm 135 FMJ	48.75	10mm/40 155 LRN	30.00
9mm 147 FMJ	51.25	10mm/40 175 LSWC	31.25
38REV 125 LRN	27.50	44REV 240 LSWC	37.50
38REV 148 LDEWC	28.75	44REV 300 TFP	42.50
38REV 148 LSWC	28.75	45ACP 175 LSWC	31.25
38REV 158 LRN	30.00	45ACP 200 LSWC	32.50
38REV 158 LSWC	30.00	45ACP 230 LRN	35.00
38SUP 125 LRN	27.50	45REV 255 LSWC	38.75
38SUP 140 LRN	28.75	45REV 300 TFP	42.50
38SUP 150 LSWC	28.75		

Credit Cards & UPS-COD OK — Call for Shipping Cost
UPS Hundredweight available on 200+ pounds — Save \$



GLADES GUNWORKS



ROAD KILL CAFE

CRO: LORIN ORPWOOD, CRO

Designer	US Design Team
Scoring	Comstock, 40 Points, 8 rounds
Targets, Hits	4 USPSA Paper targets. Two rounds each paper.
Start - Stop	Audible - Last shot
Start Position	Seated at bench A, gun on table top, muzzle down range, shooter facing squarely across table, hands on table top at designated spots.

On start signal, competitor will pick up gun and engage only targets T1 - T3 with two rounds each from the bench. Then move to shooting box and from box A engage only US Poppers PP1 and PP2.

RANGE OFFICER NOTES: No specific order for target engagement. The vision barrier is to be considered hard cover. Competitors will shoot stage 10, then immediately shoot stage 11 before any targets are scored.



ROAD KILL II

Designer	US Design Team
Scoring	Comstock, 40 Points, 8 rounds
Targets, Hits	4 USPSA Paper targets. Two rounds each paper.
Start - Stop	Audible - Last shot
Start Position	Seated at bench B, gun on table top, muzzle down range, shooter facing squarely across table, hands on table top at designated spots.

On start signal, competitor will pick up gun and engage only targets T5 - T7 with two rounds each from the bench. Then move to shooting box and from box B engage only US Poppers PP3 and PP4.

RANGE OFFICER NOTES: No specific order for target engagement. The vision barrier is to be considered hard cover. Competitors will shoot stage 10, then immediately shoot stage 11 before any targets are scored.



PASA volunteer, George Stewart, Linda Little, Lorin Orpwood, and Pete Goloski.

THE STAGE BRUSH
Quick Clean Magazine Brush
and Magazine Pad Release



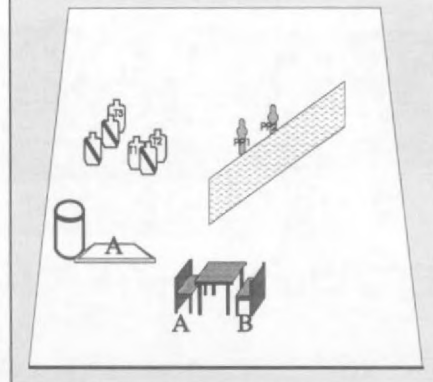
One brush does it all quickly on the spot - removes the base pad, cleans magazine, spring, and mag well in less than one minute. This strong brush fits both single and double column mags. As a bonus, you can field strip a 1911-type gun with it as it removes the firing pin, extractor and mainspring housing pin. The Stage Brush solves many of the problems associated with our sport and it does so simply and quickly.

**THE BRUSH WORKS!
PRICE**

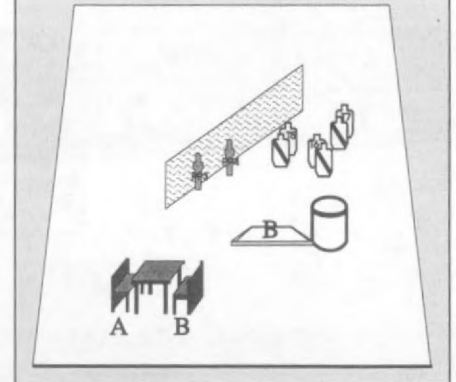
\$10 plus \$4.00 shipping and handling
(Texas residents add 7.75% sales tax)

4-C Enterprises
515 W. Beauregard
San Angelo, TX 76903
(915) 655-0665
C. W. Martin A16581

Sponsored by



Sponsored by



**JOHN YANEK
CUSTOM GUN
WORKS INC.**

The Ultimate In
Handguns For:

IPSC - Full House
or Tactical - Pins
Personal Protection



Member
American Pistolsmiths Guild

P.O. Box 222 Schnecksville, PA 18078
Phone: 215-767-4423



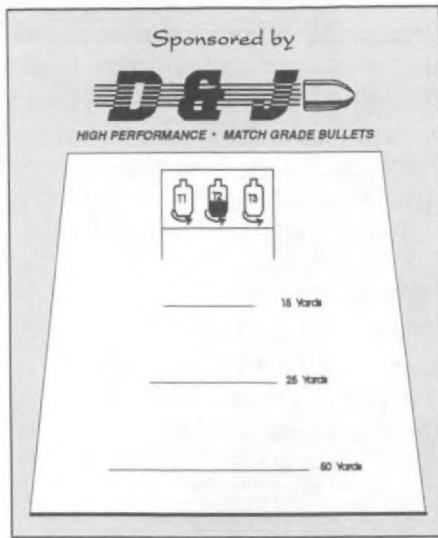
STANDARDS
CRO: JOHN HURSTROM

Designer	US Design Team
Scoring	Time Fire, 150 Points, 30 rounds
Targets, Hits	3 USPSA Paper targets
Start - Stop	Visual & audible - Visual & audible
Start Position	Standing at start line, hands hanging naturally at sides.

String 1: 50 yards, standing; on signal engage target(s) with six rounds only, 7 seconds.
 String 2: 50 yards, kneeling; on signal engage target(s) with six rounds only, 7 seconds.
 String 3: 50 yards, prone; on signal engage target(s) with six rounds only, 7 seconds.
 String 4: 25 yards, freestyle; on signal engage each target with one round, mandatory reload, re-engage each target with one round strong hand only, 5 seconds.
 String 5: 15 yards, weak hand only, on signal draw, transfer to weak hand, engage each target with two rounds, 5 seconds.

RANGE OFFICER NOTES: Rounds are counted for each string. Only 10 rounds are scored on each target. Both hands may be used to clear jams on any string.

bank appeared for about five seconds, he drew and engaged each target with two rounds. After a four-second pause the second bank of targets appeared for three seconds. There



was another pause and the last bank of targets appeared for one-and-a-half seconds. Many people were able to fire all their rounds on this exercise, but no one was able to collect all 90 points.

Stage 9, Nightmare, sponsored by **Vic International**, was a short quick field course. Shooters started this 15-round

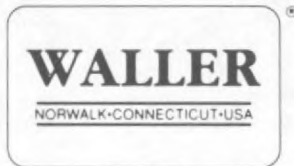


PASA volunteer, John Hairford, Don Scheline, PASA volunteer, John Hurst, two PASA volunteers, Harold Barrow, and S. Penn Weaver.



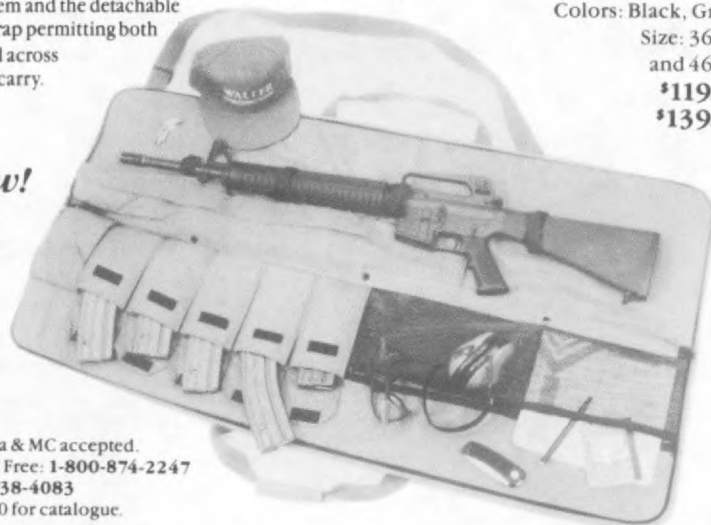
The chronograph crew: John Krummel, Bob Clift and Greg Lent.

Our **Patented Waller Soft Safe®** originally designed to meet law enforcement needs worldwide, features an integral, child resistant, keyed safety locking system and a 2-ply, aluminized, heat/fire shield. The smooth non-gun appearance of the exterior is achieved by placing all accessory compartments within the Soft Safe®. Discrete and convenient, there are individual padded compartments to protect magazines, choke tubes, an extra barrel or cleaning rod, ammo and other accessories. Additionally, two, large zippered net compartments are provided for miscellaneous storage. Utility is enhanced by the supporting wrap-around carry handle system and the detachable shoulder strap permitting both vertical and across chest/back carry.



Waller Soft Safe®
Patented

Colors: Black, Grey
 Size: 36" L and 46" L
 \$119.00
 \$139.00

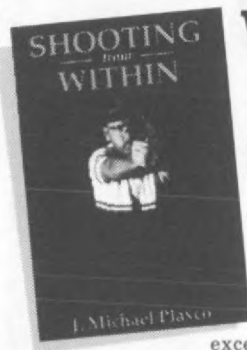


New!

Amex, Visa & MC accepted.
 Order Toll Free: 1-800-874-2247
 or (203) 838-4083
 Send \$2.00 for catalogue.

W • WALLER • & • SON • INC
 142 New Canaan Ave • Norwalk, Connecticut 06850

DSX-Stealth



Want to Win?

Shooting From Within will take you there!

This book unlocks your potential for excellence. You'll learn about all aspects of modern practical shooting technique—and you'll learn to apply them on demand. This is the "mind game," and J. Michael Plaxco shows you how to win it!

"Shooting From Within is great! ... it is readable, concise, and absolutely indispensable for anyone from new shooter to Master..."

Andy Hollar, Vice Pres. USPSA; Director NROI

"I've read this book twice. Mike is a deep thinker, terrific innovator, and a helluva gamesman. It's must reading for every shooter, regardless of your shooting discipline."

Allen Fulford, two-time Masters Champion

\$19.95 + 5.00 S&H
Call toll-free: (800) 247-6553

(Visa and MC accepted. No CODs)
 1444 US Rt. 42, Rd. 11, Mansfield, OH 44903
 (419) 289-6051



**WORLD CLASS
PISTOLS, INC.**

course in bed. On the signal they had to retrieve their guns and ammunition from a nightstand and engage three pepper poppers, then move to a doorway and from cover, engage three paper targets while avoiding a no-shoot. At another doorway and from behind a wall, shooters engaged three more targets while avoiding another no-shoot. Rob Leatham topped this stage in 13.15 seconds. Target placement was the key here, with target arrangement causing the shooter to speed up then slow down.

Stages 10 and 11, Road Kill Cafe I and II, were sponsored by **CP Bullets** and **Ernie Hill Speed Leather**. These two stages were mirror images of

each other. Shooters started seated in a booth at the local watering hole. On signal they engaged three targets from the booth while avoiding three no-shoots, then ran to cover and engaged two US poppers that became visible.

Stage 12, Standards, sponsored by **D & J Bullets**, was a 30-round computer-controlled turning target event. The shooter faced two full-size tar-

gets and one partial target protected by hard cover midway up the A zone. Virtually no one admits to liking the Standards but this is where the top shooters try to make up for lost time. Each point in the standards is worth one match point. Doing well in the standards can mean moving up several places in overall placement. Jethro Dionisio took this stage with 140 out of a possible 150 points.

The top 20 Men were:

Competitor	Points	%
1 McLearn, Matt	985.44	100.00
2 Jarrett, Todd	982.88	99.74
3 Dionisio, Jethro	968.30	98.26
4 Voigt, Michael	960.55	97.47
5 Boykin, Douglas	946.99	96.09
6 Barnhart, Jerry	946.94	96.09
7 Koenig, Doug	929.55	94.32
8 Vidanes, JoJo	915.86	92.93
9 Piatt, Bruce	911.26	92.47
10 Edington, Merle	907.02	92.04
11 Avery, Ron	905.98	91.93
12 Benton, John	904.99	91.83
13 Lacina, Nick	902.93	91.62
14 Gann, Blake	900.70	91.40
15 Clark Jr., James	892.33	90.55
16 Bowerman, Rick	892.22	90.54
17 Garcia, Frank	890.73	90.38
18 Magne-Myhre, Arnt	886.14	89.92
19 Craig, Jamie	882.25	89.52
20 Butterfield, Dave	880.38	89.33

Top 10 ladies:

Competitor	Points	%
1 79 Clark, Kay	764.16	77.54
2 85 Brey, Sheila	759.23	77.05
3 117 Levanza, Valerie	730.57	74.14
4 118 Boykin, Kippi	730.25	74.10
5 145 Hamilton, Shirley	708.59	71.91
6 160 Nowlin, Julie	697.94	70.83
7 189 Kimbrel, Sharon	671.61	68.15
8 198 Woolley, Judy	666.35	67.62
9 200 Lathwell, Kerry	664.77	67.46
10 202 Glaser, Gabriele	664.34	67.42



**2 to 3 Week
Turnaround!**

**HARD
CHROMING**

Top competition gun builders know their beauties need one thing. . . **HARDNESS**. That's why long-lasting hard chroming will never be beat for looks & performance. Recently introduced new finishes that you're reading about, are too soft.

- We Only Do Firearms
- Specialists in Hard Chroming
- Blue, Nickel, Parkerizing, Anodizing
- All Work Guaranteed
- GREAT PRICES • Dealers Inquire

CHECKMATE™
Custom Gun Refinishing

370 Champion Dr • Brooksville, FL 34602
(904) 799-5774

TACTICAL PISTOLS



TACTICAL ACCESSORIES

- 1). Heinie Fixed Sights
Rear Sight.....25.50
- 2). Front Sights
Ramp or Post7.00
Cross Dovetail Front14.00
- 3). Heinie Premium Match Quality Barrels
Prefit Drop-in 45 ACP & 10mm 5"130.00
Oversize Match 45 ACP & 10mm 5" (requires fitting)135.00
- 4). Heinie Tungsten Spring Guide & Plug65.00
- 5). Heinie E.D.M. A-6 Hammer62.95
Heinie Titanium Hammer76.00
- 6). Heinie Premium Mag Well with Hogue Grips
Blue or Stainless (requires fitting).....130.00

6

HEINIE SPECIALTY PRODUCTS

323 West Franklin, Havana, IL 62644 (309) 543-4535

24 Hour Fax (309) 543-2521

SEND \$2.00 FOR CATALOG OF CUSTOM PISTOLSMITHING, AND ACCESSORIES

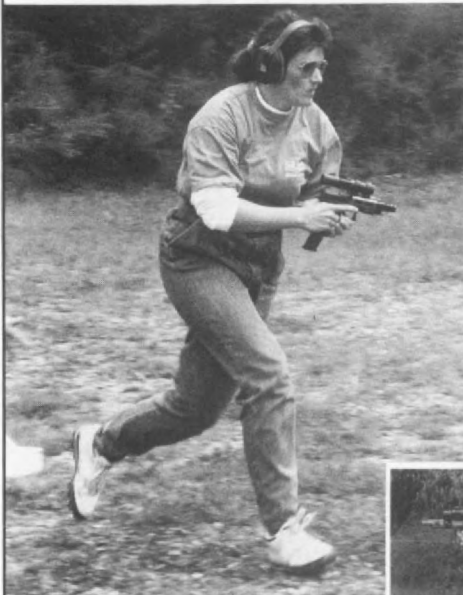


WERE YOU AT THE 1993 OPEN NATIONALS?

Some are young



You mean RO's can shoot?



Run one way...



Sometimes we don't shoot.



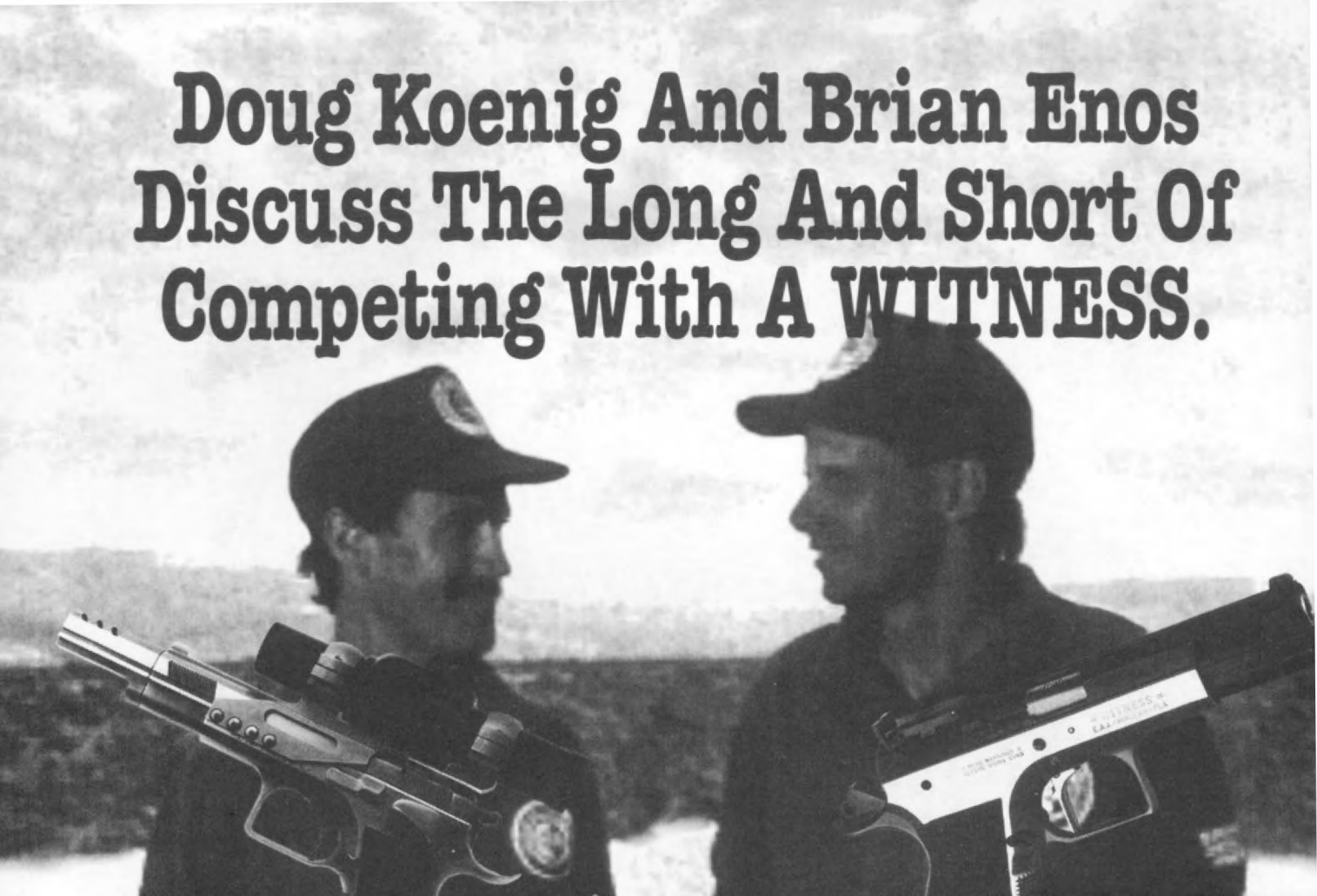
One day it rained...

God in his bunker.
"It's not my fault!"

No comment.



Doug Koenig And Brian Enos Discuss The Long And Short Of Competing With A WITNESS.



*Two great EAA champions...
two great IPSC models.*

DOUG KOENIG

Captain, Team EAA

1990 IPSC World Champion, Two-Time Bianchi Cup Champion,
Two-Time Masters International "Grand Master"
Model: Witness "Gold Team" for IPSC/USPSA "Unlimited" class

"No pistol I've ever shot fits my hand as well as my EAA Witness 'Gold Team'. It just feels great. It's also very accurate, it comes up on target naturally, and it functions perfectly. It just gives me a tremendous feeling of confidence. And when you're competing against the best shooters and the most high tech equipment in the world, that confidence is critical. I've never felt that way about my equipment before. But with my 'Gold Team', I know I'm capable of winning any match I enter as long as I perform to the best of my ability. For anyone who wants a great full house gun for 'Unlimited', the 'Gold Team' is definitely the way to go."

BRIAN ENOS

Member, Team EAA

Masters International "Grand Master", Bianchi Cup Champion,
Three-Time Sportsmen's Team Challenge Winner
Model: Witness "Limited" for IPSC/USPSA "Limited" class

"I can't remember when I ever had more fun in competition, and a lot of that's because of my equipment. My Witness 'Limited' is absolutely ideal for IPSC's new Limited Class. It's set up perfectly right out of the box...definitely the best 'stock gun' out there. It shoots great, it's accurate, and it doesn't break like some top dollar competition guns I've owned. It's just exactly what EAA intended it to be...the class of 'Limited' class. There's no good reason why someone shooting 'Limited' should choose anything else."

See the complete line of EAA products at your favorite firearms dealer, or send \$2 for our current color catalog. Dealers, send your current FFL, retail tax certificate **and phone number** for a **FREE** catalog.



EUROPEAN AMERICAN ARMORY CORP.

P.O. Box 3498, Bright Station ■ Hialeah, FL 33013 ■ 305/688-4442

WORLD SHOOT X

by Dave Stanford, RD-2

Well, they did it. After 10 years, the IPSC World Shoot, held at Bisley, England, Sept. 12 to 18, finally topped the US Nationals in total number of competitors. With about 550 competitors and 35 stages, the World Shoot has now become the largest practical shooting championship. About 50 of those intrepid shooters were from the United States.

Jeff Cooper opened the match by giving a dedication and firing a 6-pound black powder



Matt McLearn heads victory in the shootoffs.



Mike Voigt clears a pathway behind the van in "What A Relief."

cannon. There were many interesting and innovative field courses as well as a number of interesting speed shoots.

In one course of fire, the shooter started on top of a double-decker bus. He had to engage targets from the upper deck, go down the stairs and engage targets outside the bus then run around a corner to finish the course by engaging more targets behind a wall and at a building corner.

Another course was set in a pool hall. Competitors started

the timer by hitting the cue ball off the spot. They then had to engage targets throughout the pool hall.

In another course of fire, you began standing on a street corner. On your way to a building, you had to engage targets as you moved past vehicles. At the building you engaged standing targets through a doorway, and moving targets through a window. This was a fun field course that was severely marred by placing targets behind the cars on the 180 line. Many competitors were DQ'd here when they tried to go too fast and their muzzles swung a few inches backwards. There is no excuse



Turner Grips-Ruger, Mark Right & Left Hand \$68.⁰⁰pp
Woods: Fancy Walnut, Bubinga, Laminated Forest Camo



BULLSEYE & TACTICAL



PPC



COMPETITION RUGER



IPSC



CUSTOM CARRY COMMANDER



UPPER & LOWER UNITS

- ★ COLT 1911 PARTS
- ★ COMPLETE CUSTOM WORK ON MOST PISTOLS
- ★ LITERATURE \$1

IO-RING PRECISION, INC.

Alex B. Hamilton 1449 Blue Crest Lane • San Antonio, Texas 78232
93 Pistol Smith of the Year 1-210-494-3063 • 9 a.m. - 3 p.m. Tues.-Fri.

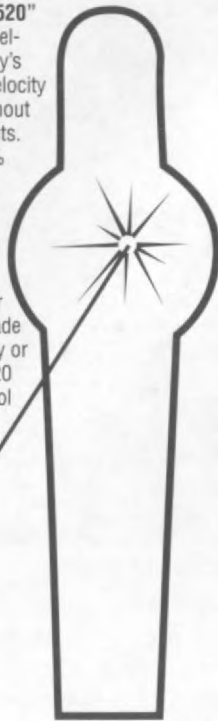





Tamara Fedosseeff of Brazil.

NEW High Velocity Pepper Popper

Our new "Impact-T520" target alloy was developed to handle today's light weight, high velocity jacketed bullets without damage to the targets. Impact-T520 is 75% harder than the standard T1 alloy. (T1 is a trademark of US Steel Corp). Now you can choose between our standard targets made of T1 or similar alloy or the new Impact-T520 for the ultimate pistol target.



Complete with base	STD	T520
Full Popper 42"	\$110	\$175
US Popper 28"	\$ 95	\$135

PRODUCT LIST

A-Full Size IPSC 3/8 x 17-3/4 x 29-1/2	\$ 59
A1-Half Size IPSC 3/8 x 8-7/8 x 14-3/4	\$ 15
B-Full Size Popper Plate 3/8 x 12 x 42	\$ 39
B1-Full Size Popper 3/8 x 12 x 42 w/base	\$110
B2-Full Size Popper "Impact-T520" w/base	\$175
C-Steel Bowling Pin 1/2 x 4-7/8 x 15	\$ 11
E8-Steel Circle 3/8 x 8" diameter	\$ 9
E10-Steel Circle 3/8 x 10" diameter	\$ 12
E12-Steel Circle 3/8 x 12" diameter	\$ 15
F-"B" zone 3/8 x 6 x 6	\$ 9
G-"A" zone 3/8 x 6 x 11	\$ 11
K-Portable Stand (post, base & hardware)	\$ 40
N-NRA Action Plate 3/8 x 12 x 28	\$ 29
P-2/3 Size US Popper Plate 3/8 x 8 x 28	\$ 29
P1-2/3 Size US Popper Plate 3/8 x 8 x 28 w/base	\$ 95
P2-2/3 Size US Popper "Impact-T520" w/base	\$135

Warning: Do not shoot steel targets from closer than 12 yards. Shooter and all spectators must wear safety glasses in case of flying spatter. Not for use with center fire rifles or shotgun slugs.

Note: 30 day terms for law enforcement agencies with written purchase order.

\$5 package charge on orders under \$100.
15% discount on orders over \$1000 (Cash).
UPS or freight charges, FOB, Rockford, IL.

CHARGE YOUR ORDER



CALL: 800/821-3475
FAX: 815/964-0045

ARNITZEN
CORPORATION
1025 School Street
Rockford, IL 61105-0898
1470993



Rob Leatham in action.

for such target placement, and you would think with all the expertise that was supposed to be present that some realignment of targets could have been accomplished before the match started.

Many of the courses of fire were very physical and reminded me of the good, er, not-so-good old days. A few of these physical courses are fine, but unless you are into military training they were excessive. Don't get me wrong, I am not in favor of just stand and shoot stages, but a shooting match should test shooting more than athletic ability. At this match, however, I'm afraid that athletic ability counted much more than shooting as there were very few tight shots requiring accuracy.

In one course competitors had to jump from the back of a pickup. This is not an unusual occurrence but several fell and



Doug Koenig shoots through the "Boardwalk window."

"Enduraguard"

STAINLESS STEEL FINISH

HARD CHROME • BLACK CHROME • NICKEL • BLUING



USPSA MEMBERS
15% OFF RETAIL

*COLT WARRANTY
STATION*

Send \$2.00 for fully illustrated 20 page
brochure (refundable with first order)

COGAN CUSTOM
"SPEED COMPS"

For semi-autos, and revolvers.
Competition, Hunting, and Carry

ACCURATE

PLATING & WEAPONRY Inc.
1937 Calumet Street, Dept FS
Clearwater, Florida 34625
(813) 449-9112



The United States Teams.

injured themselves even from this low height. Another course required a competitor to jump off a platform with his gun holstered. The platform was originally planned to be six feet high, but discretion caused it to be reduced to about four feet. Another course required you to climb a seven foot tall pyramid, then descend steps or jump off the other side.

Some of these courses would have been hazardous without rain, but with rain for a day and a half some were downright treacherous. Many stages required the shooter to move on platforms or wooden decks. Shooters with cleats were looking for a fall, and many of them did. With all the planks and platforms, regular tennis shoes

were safest. I am not sure how many shooters did not complete the match because of injuries, but it was more than just a few. In spite of many arbitrations, weather and a few poor courses, the match was truly a huge success. It required much planning and coordinating on a scale not seen before at this level. I take my hat off to Bob Chittleborough and his crew. Bob, I don't know how you and Alan Ormsby the M.D. accomplished this feat, without even a permanent range, but you produced and produced well. With no permanent storage facilities you had a nightmare of coordination and yet pulled it off. Congratulations!

The World Shoot match would not have been possible without



The two targets next to the bus were engaged first, followed by 10 more targets and three poppers.



Jerry Barnhart shoots from the truck

Florida's Premier Practical Year-round Shooting Academy



Intensive personalized training in all aspects of IPSC Shooting (with a maximum of four students per class). The Universal Shooting Academy Practical Shooting School is designed to accommodate all levels; new shooters, beginners, intermediate or advanced shooters wishing to increase their skill, confidence, knowledge and performance in handgun, shotgun or rifle shooting.

Each course is personally taught by international and U.S. champions, Frank and Judy Garcia. Frank and Judy have been competing in championships for more than eight years. Their accomplishments reflect the quality of the courses available. U.S. National 3-Gun Champion, U.S. National Shoot-Off Champion, European IPSC Champions, South American IPSC Cup Champions, U.S. Team member 1987 thru 1991.

Being a champion, however, does not necessarily make you an instructor. To be a good teacher you must be able to communicate your knowledge and expertise to others. This is an area where Frank and Judy truly excel.

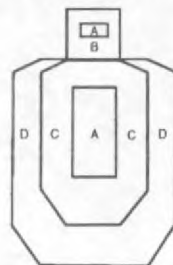
The training techniques used will help you achieve higher levels and primarily save you time and money.

The Academy is located in the heart of Central Florida near Disney World, Universal Studios and many other attractions.

For registration and information, contact:

FRANK OR JUDY GARCIA
4300 Highway 630 East, Frostproof, FL 33843
Phone: 813-635-3425 Fax: 813-635-5277

OFFICIAL I.P.S.C. TARGETS WHITE BACK



100/43¢ ea.

500/38¢ ea.

1000/35¢ ea.

PLUS SHIPPING- CHECK OR M.O.

INFO: 601-373-3124

G.W. Enterprises
P.O. Box 7137
Jackson, MS 39282

HKS

SPEED LOADERS

Thumb operated lever arm is secret to fast-easy operation!

MAGAZINE SPEED LOADER

Pat. 5,247,363
Fols. Patent

Capable of loading 15 rounds in 18 seconds!



- NEW adjustable models 943 & 451.
- 8 Models Available. Loads, .380, 9mm, 40cal., 45cal., or 10mm single and double stack mags.
- Magazine slips into loader and is held in by hand. Depress thumb lever to load.
- Loads ammo. into magazines faster and easier than ever before.

\$9.95
only

REVOLVER SPEED LOADER



Loads cartridges into revolver instantly! Super-Fast Super-Dependable!

\$7.95
only

- Law Enforcement
- Sportsmen
- Security
- Home Defense
- 18 Models

HKS

HKS PRODUCTS, INC.
7841 FOUNDATION DR. FLORENCE, KY 41042



Alain Van Den Corput, half of the Monaco contingent, exits the van.



Sharon Kimbrel leaps out of the truck.

the able help of all the English and IROA Range officers. Those guys put forth above and beyond. Thank you guys and gals, your dedication is surely appreciated by all who participated! Without you there could never have been a World Championship event of this caliber.

The United States dominated this event as it has nearly all World Championships. U.S. shooters have won seven of the last 10 World Shoots, including the last six championships in a row. This year the U.S. Men and Women National teams each took home the GOLD. Our U.S. National Champions Matt McLearn and Kay Clark-Miculeck are now **both** World Champions in their own right. Matt and Kay also won the shoot-off at the end of the match. Congratulations Matt and Kay you are truly an inspiration to all of us.

The top finishers are listed on the next page.

◆ Available Now ◆

THE NEW RPM Mag Well

FOR THE
McCORMICK-TRIPP HIGH CAPACITY 1911

MADE OF
SPACE AGE BLACK DELRIN

Less than 1/2 the weight of aluminum

Snug Fit

Won't Discolor or Scratch

Easy Installation

Other RPM products include:

Slide Charging Handles for 1911, P9, & Bomar Cuts
Hollow Mag Pads & Delrin Guide Rods for the P9 & Witness

All are available from the following distributors:

Denny's Shooter's Supply Cedar Falls, IA (800)747-3845
Evolution Gun Works Doylestown, PA (215)348-9892
Cylinder & Slide, Inc. Fremont, NE (800)448-1713
Dynamic Sports Scottsdale, AZ (602)941-0964

IPSC WORLD SHOOT TEN

MATCH RESULTS

%	Points	Name	
1 100.00	2146.9769	Matthew McLearn	USA
2 99.35	2133.0770	Douglas Koenig	USA
3 98.88	2122.9266	Michael Voigt	USA
4 97.21	2087.0933	Jerry Barnhart	USA
5 97.08	2084.2136	Robert Leatham	USA
6 95.59	2052.2724	Todd Jarrett	USA
7 95.20	2043.8240	Jethro Dionisio	PHIL
8 92.61	1988.3024	Craig Ginger	AUS
9 91.97	1974.5426	Matt Burkett	USA
10 91.74	1969.5745	Merle Edington	USA
11 91.49	1964.2604	Warren Richards	RSA
12 90.61	1945.4740	Dean Notley	UK
13 90.09	1934.2192	Johan Hansen	SWE
14 90.07	1933.6989	Angus Hobdell	UK
15 89.90	1930.1870	Armin Landolt	SWI
16 89.04	1911.7075	Arnt Myhre	USA
17 89.04	1911.6990	Oswald Gerstl	ITALY
18 88.72	1904.8271	Timo Hietala	FIN
19 88.02	1889.7260	Clint Rafferty	RSA
20 87.89	1886.9234	Gary Haltmann	RSA

21 87.36	1875.6571	Josef Hofstetter	SWI
22 87.05	1868.9320	Eddie Smith	RSA
23 87.01	1867.9988	Frank Garcia	USA
24 86.54	1857.9189	Andreas Mankel	GER
25 85.66	1839.1364	Steven Johns	CAN

LADIES RESULTS

%	Points	Name	
1 100.00	1674.5832	Kay Clark-Miculek	USA
2 97.29	1629.2796	Colette Barnes	UK
3 95.12	1592.8513	Kippi Boykin	USA
4 94.88	1588.9003	Sharon Kimbrell	USA
5 93.28	1561.9805	Norma Jamasali	PHIL
6 90.94	1522.8070	Ursula Lund	RSA
7 90.86	1521.5861	Kerri Anderson	AUS
8 88.97	1489.8287	Gabriele Glaser	OST
9 88.21	1477.2192	Elaine Berwick	UK
10 87.85	1471.0700	Shirley Hamilton	USA

STANDARD DIVISION

%	Points	Name	
1 100.00	1742.3171	Ted Bonnet	USA
2 96.60	1683.0342	Brian Enos	USA
3 90.84	1582.7631	Max Wiegand	GER
4 88.16	1536.0705	Robert Gates	USA
5 86.31	1503.8276	Robert Adam	UK

TEAM RESULTS

Team	Points
1 United States	10574.2874
2 South Africa	9420.5502
3 United Kingdom	9261.8333
4 Australia	9059.3783
5 Philippines	9052.3533
6 Switzerland	8988.8986
7 Canada	8776.2741
8 Sweden	8575.1036
9 Italy	8515.5460
10 Finland	8358.8035

USPSA SCOOP

Strayer-Tripp Int. has just announced the introduction of a complete pistol built on their lightweight modular frame. This is the first complete pistol born directly from the USPSA proving ground. The pistol is in .40 S&W caliber and weighs only 33 oz.

The introduction of a complete pistol was a natural and methodical evolution for this enterprising company. They produce high quality CNC parts, and developed the STI 2011(TM) modular frame which has proven itself in competition the world over. Virgil

Tripp is an excellent custom gunsmith in his own right, and built many winning pistols between 1987 and 1990. They have the expertise and knowledge to build a great gun from the ground up.

Specifications include: Buried Bomar rear sights, dovetail replaceable front sight, 5" Bar Stock slide, Ambi safety, 416 Match Grade barrel's, tight bushing and frame to slide fit, match triggers and CDM hammers and sears, and Ed Brown grip safeties. The gun is com-

pletely tuned, polished and throated for complete reliability.

If the pistol is as good as it sounds it will be a winner, look for a review in an upcoming issue of **FRONT SIGHT**. Strayer Tripp Int. expects to retail the pistol at under \$1500. I look forward to the day when it is legal in Limited.

The gun should be available in limited quantities the first of December. To inquire about this development call 1-800-959-8201. **Tell them you saw it in FRONT SIGHT!**

SIERRA THE INNOVATORS



.38 Caliber .356 Diameter
 .38 SUPER 150 grain Full Profile Jacket
 Tournament Master #9335

SIERRA
 The Bulletsmiths®

1400 W. Henry • Sedalia, MO 65301

Specialty

Handgun Bullets.

Call TOLL-FREE 1-800-223-8799 (till 10 pm) for Product Availability, Ballistic Information and Pricing. Available in the U.S.A. & Canada Only.

Why should I use

MULLINS AMMO



(703)
926-6772

When Performance Counts

For the same reasons these champions do!

TOM CARPENTER

92 & 93 TN. State Champ
92 & 93 National Sub Gun Champ

ALLEN RATLIFF

KY. Grand Master
93 KY. Overall Champ

TRIPP RESEARCH

Home of the Tripp
McCormick Hi Cap. Frame

BJ RATLIFF

USA Ladies Gold Team
93 Area 5 Ladies Champ
93 KY. State Overall Lady

TEAM NOWLIN

Julie Nowlin
American Handgunner
World Shootoff Class C Champ

JETHRO DIONISIO

3 Time Steel Challenge Champ
American Handgunner World
Shootoff Champ

Results Like This

+
100% Customer
Satisfaction
=
Maximum
Performance

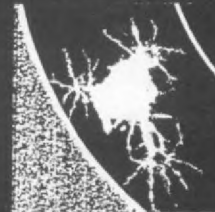
38S 135FMJ
shot from Nowlin
Fixed Barrel Machine
at 25 yards



D&J 230 FMJ
shot from Nowlin
Barrel Sand Bag
at 25 yards



9MM124FMJ shot
from H&K MP5
at 25 yards



40 S&W 180 FMJ
shot from Springfield
40 Sandbag at
25 yards



**Whether it's IPSC, PPC, Cowboy, Subgun, Steel Plates
——We load it with Performance That Counts!**

ANY MORE QUESTIONS?

MULLINS AMMO PRICES *We pay shipping for your brass to us.*

45ACP	NEW	ONCE FIRED	YOUR BRASS	38SUPER	NEW	YOUR BRASS	9MM	NEW	ONCE FIRED	YOUR BRASS
175 LSWC	14.50	11.50	6.55	135 FMJ	13.50	8.00	125 LRN	12.00	9.00	6.00
200 LSWC	14.50	11.50	6.55	147 FMJ	14.50	8.50	124 FMJ+P	13.50	10.00	7.00
200 HORN CT	17.00	14.00	10.00	140 LRN	11.50	6.25	124 HORN			
230 LRN	14.50	11.50	6.55	150 LSWC	11.50	6.25	XTP HP+P	17.00	14.00	10.00
230 FMJ	15.50	12.50	8.55				175 SWC	13.50	10.00	8.00
255 LSWC	15.00	12.50	8.55				180 FMJ	15.00	12.00	9.00
							180 HPXTP	17.00	14.00	11.00

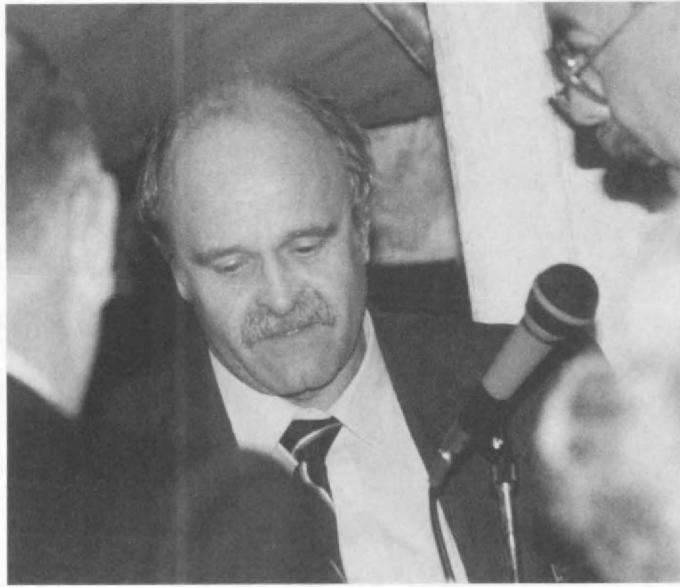
OTHER CALIBERS AVAILABLE

HP WHITE LAB TESTED

Rt. 2 Box 304K • Clintwood, VA 24228 • Phone (703) 926-6772

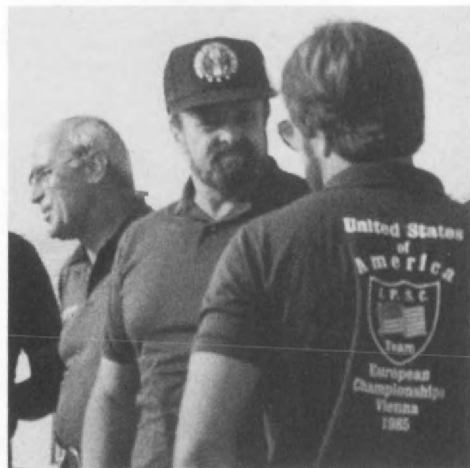


THANKS FOR A JOB WELL DONE!



David J. Stanford

USPSA President — U.S. Regional Director
1984 to 1994



ART BENJAMIN: LOCAL HERO

by Roscoe Livingston, CL-46

Let's face it, not everyone can be a world or national champion; a real hero is someone you can look up to and admire, and one such hero is Art Benjamin of T-M Industries.

Born in 1909 on a farm west of Fresno, CA, Art was given an air rifle when he was 10 and told to guard the apricot tree from the birds. At age 12 he got his first gun, a single-shot .410, and was given the job of clearing the rabbits out of the young tender grape vines. At age 14 Art's uncle gave him a World War I vintage Colt .45 ACP. It wasn't long before he became an expert at walking tin cans up the side of a hill.

During World War II, a close friend who was an Army captain, gave him 10,000 rounds of out-dated hardball that was

scheduled to be dumped into the ocean. Art took his .45, with its Frank Pachmayr trigger job, and dumped those rounds through the muzzle into the Mojave Desert. Art still has that .45.

For the next 30 years, Art developed his auto service business into one of the largest automatic transmission specialists in Southern California — "Ace-O-Matic." Art engi-



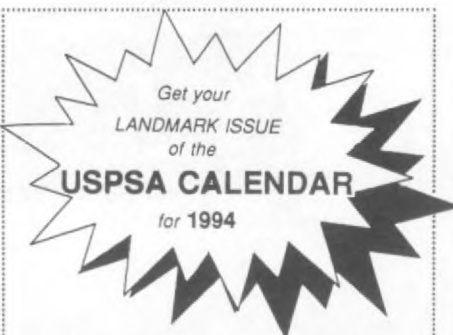
In 1992 after colon surgery, Art was back at the range practicing.

neered and built the first gas-powered automatic transmission tester. The Big Three car manufacturers adopted his tester 13 years later in 1963.

He also invested 20 years of Boy Scout commitments with his two sons, finally he found time for some fun shooting. In 1975 at age 66 he learned about a new sport called "Combat Shooting." He pulled his vintage 1918 .45 and shoulder holster out of mothballs and, with his friend Russ Reiland, traveled up to a place called Wes Thompson's Juniper Tree Rifle Range at Canyon Country.

A match was in progress so Art shot it, and because of his competitive drive, he decided he had better up-date his equipment. He got Tom Donhaus to build him the latest in a combat .45, and bought the "in" leather of the time, a tie-down holster rig. He found that even to practice in the 70s in California you had to belong to a club. So in 1976 Art formed his own club, affiliated with the Southwest Pistol League, and got his own range and equipment at Wes Thompson's.

In the early days of the sport there were no targets available except those that were cut out of used shipping cartons. Art learned that Ray's Hardware



Keep track of all your days as well as marking club matches, meetings and major tournaments on this 8-1/2"x11" calendar.

Features twelve full-color photos of practical shooting action shots from all over the U.S. Makes an excellent gift.

\$4.⁹⁵

Who knows...*You* may be in one of the photos!

Order **NOW** from

USPSA STORE

P.O. Box 811, Sedro Woolley, WA 98284
(206) 855-2245



JP ENTERPRISES, INC.

**OUR EXCLUSIVE
SIDE VENT COMP**

offers 3 expansion chambers, 6 ports and greater baffle surface area in a compact design for fastest possible dispersion of gasses, the key to high efficiency and rapid sight recovery. Will not fog front sight or optical sights. Available for retrofit to existing comp guns or as a complete comp kit starting at \$249.95.

P.O. box 26324, Shoreview, MN 55126

(800) 528-9886

(612) 486-9064



and Sports in Dallas was the first to market adequate combat-style targets. These targets were made of paper and had to be glued or stapled to rigid backing. To Art, not only a brilliant individual, but also an inventor and innovator, this was an intolerable situation. He talked to the carton supplier for his auto parts business, and was referred to the manufacturing plant. He gave them some of Cooper's targets and, in a few weeks, had his own targets. He was going to have the scoring rings printed on the targets until he found out that printing produced irregular lines and that the printing plates were costly, so he came up with a method for using slits for scoring lines. This was a first in targets.

The first time the targets were displayed, he took orders for 2000. He had 5000 made and these lasted for a year. The second lot of 5000 lasted six months.

After trying four different types of scoring slits, Art settled on ones which barely perforated the top layer to avoid reducing the stiffness of the target. They are also made from virgin pulp for extra strength. Art believes his targets withstand more water and don't mush down.

From the beginning Art paid USPSA a voluntary royalty of



A photo from 1978 shows Art practicing a Cooper Assault course.

five cents per target sold. Later, USPSA established a licensing program to ensure uniformity, and set a mandatory royalty fee of three cents per target sold.

Another innovation of Art's was the buff-colored target patching tape. In the early years everyone used masking tape, but that gave everyone except the first shooter an aiming point. At first Art tried brown butcher tape; then he tried one inch pasters, but they blew off and could not cover large holes. It took two years to develop the present color. It cannot be seen at 10 meters, sticks good, and won't blow off. A 60 yard roll produces about 2200 one inch patches.

Even while he was developing targets and target tape, Art was practicing and shooting matches. Over the years he took lessons from Mike Harries, Mike Dalton, Chip McCormick and others who took their time

ART continued on page 89.

We couldn't say it better:

"Finally, just what I've been waiting for...The Green Mountain Bag is the most versatile shooting bag on the market. It is a **GREAT** bag!"
Todd Jarrett, Three-time winner of the Miller Invitational, Past USPSA National Champion, U.S. Men's National IPSC Team

"I like the new shooting bag from Green Mountain Sport Specialties so much that I have retired my old *lucky bag*. If you are going to win, you need the **best** equipment. Everyone needs one of these bags."
Doug Koenig, 1993 Masters Champion, World IPSC Champion, Past USPSA National Champion, U.S. Men's National IPSC Team

"I use the Green Mountain Bag. The size, design and features are **perfect**. I have never seen a more practical bag, it's the best one out there!"

Matt McLearn, 1993 USPSA/IPSC National Champion, Winner Western State's, Golden Gate, etc., USPSA Grand Master, U.S. Men's National IPSC Team

"Whether making the most of my limited practice time or on the line at a Major Match, organization can make the difference between success and failure. That's why I use **the Green Mountain Bag!**"

Bruce Piatt, Two time Winner Soldier of Fortune, 1993 Bianchi Cup National Champion, USPSA Grand Master



The **GREEN MOUNTAIN BAG** guaranteed for life, from GMSS. This bag holds it all. Protecting your significant investment. Keeping everything safe, dry and organized. Available in a wide range of colors. Why settle for anything else?

129.95 ppd call **1-800-639-1892** made in the good ol' USA

Green Mountain Sport Specialties, RR 2 Box 185 Underhill, VT 05489

 120 gr 9mm \$33/m	 139 gr 356-358 \$34/m	 145 gr 358-358 \$35/m
 153 gr 356-358 \$35/m	 149 gr 401 \$36/m	 V-maxx 153 gr 451-452 \$36/m
 178 gr 451-452 \$37/m	 223 gr 451-452 \$41/m	Prices include shipping to 48 states
 193 gr 451-452 \$39/m		

Because we use a harder, lighter alloy, our bullets come in 3.5% lighter than normal weight. This is to your advantage because the harder alloy does not lead your barrel. The other advantage to you is that these bullets can be driven faster than ordinary cast bullets without stripping, tumbling or excessive base deformation, thereby enhancing power and accuracy.

As you undoubtedly know, V-Maxx pioneered the original V-Max Bullet, a 155 gr. 45 SWC. Recently, I purchased the company and the original molds for the V-Max as well as the other fine bullets for which this company is known. Our hats are off to Dwight Behn for his work in developing this revolutionary bullet, and our promise to you is that we will maintain his strict standards in producing the finest projectiles in the world.

V-MAXX BULLET CO.

P.O. BOX 411

ST. CLOUD, MN 56302

Doug Billig

Orders, call: (612) 558-6765

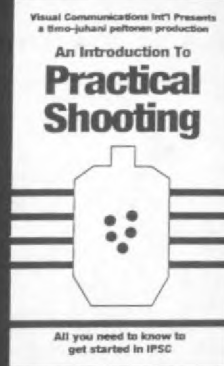
TOP GUN

accessories from the Number One Source!

The Combat Auto
by Bill Wilson \$14.95



Practical Shooting
Video \$19.95



Safariland

008 Holster	\$ 83.95
009 Holster	\$155.00
Gunfighter Belt	\$ 37.95
Buckless Belt	\$ 39.95
Underbelt	\$ 12.95
002 Holster	\$ 75.50
Comp III Speedloader	\$ 10.75
Speedloader Case	\$ 22.50

Ed Brown Products

Beavertail	Save\$\$\$
Ambi Safety	Save\$\$\$
Slotted Hammer	Save\$\$\$
1911 Extractors	Save\$\$\$
1911 Ejectors	Save\$\$\$
S&W Thumblatch	Save\$\$\$

Wilson Combat

Extended Safeties	Save\$\$\$
Ext. Slide Release	Save\$\$\$
Ext. Ejectors	Save\$\$\$
Match Trigger	Save\$\$\$
Highgrip Beavertail	Save\$\$\$
Shok-Buffers (6pk)	Save\$\$\$
Combat 3-Dot Sights	Save\$\$\$
Recoil Springs	Save\$\$\$

Timers & Chronographs

Pro-Timer III	Save\$\$\$
Pro-Timer IV	Save\$\$\$
Pact Club Timer	Save\$\$\$

Sights

Bo-Mar Rear Sight	\$ 62.50
Bo-Mar Front Sight	\$ 11.40
Pro-Point II	\$129.95
Pro-Point III	\$179.95
Pro-Point IV	\$229.95

Books

The Truth About Self Protection	\$ 7.99
Stressfire	\$ 8.95
The Street Smart Gun Book	\$10.75
In the Gravest Extreme	\$ 8.95
Hallock's .45 Handbook	\$10.75

Prices at our Showroom Location may vary slightly.
Prices subject to change without notice.

WE ACCEPT VISA AND MASTERCARD

SHOOTER'S DEPOT (a Div. of Continental Guns)

8235 S.W. 40th Street, Miami, FL 33155 U.S.A. 305-553-4867

For information call: 305-221-6381 Fax: 305-551-6445

1-800-553-0844 FOR ORDERS ONLY

NEW USPSA CLUBS

ST. AUGUSTINE PSA

Donald Edwards

10 Althea St.

St. Augustine, FL 32095

TROPICAL SPORT SHOOTING

Debra Musgrove

PO Box 52-0153

Miami, FL 33152-0153

CUERO ACTION PISTOL LEA.

Cheryl Leck

HCR 63 Box 72A

Cuero, TX 77954

HONOLULU POLICE PISTOL

Richard Wheeler

95-701 Lauawa St.

Mililani, HI 96789

COWLITZ ACTION SHOOTING

Arne Loren

472 Woolford Rd

Longview, WA 98632

THUR. NIGHT WHIZZ BANG

Brian Roodvoets

PO Box 14

Lapeer, MI 48446

RANGER ROAD PRAC. SHTRS

A Ray Zipper

RT3 Box 256

Pottsville, TX 75076

PLAINVIEW TX SIGHT-

MASTERS

Doyle Beauchamp

Box 74

Edmonson, TX 79032

FOREIGN CLASSIFIER AFFILIATES

IPSC ACTION SHOOTING TEAM

Reinhard Passreiter

Schlesierstrasse 11

63791 Karlstein, Germany

CURACAO PSC

Edsel Felix de Windt

Ih Sha Caprileskade #9 Curacao

Netherlands Antilles

Curacao



AREA 3 CHAMPIONSHIP

by Lee Atkins, L-968

Smooth as silk. That's the only and best way that the 1993 Area 3 Championship can be described. The match was held June 12th and 13th at the Columbia Green Valley Rifle and Pistol Club located just outside Columbia, MO. It was the first time in recent memory that it didn't rain during the Area 3 Match, which attracted 155 competitors, some from as far away as South Australia. There were six stages requiring more than 140 rounds.

Marvin McGeorge of Green Valley served as Match Director. It is a testament to the abilities of match organizers and shooters alike that, with more than 22,000 rounds fired, there were no DQ's. I think that says a lot for the Green Valley Club members who didn't have a lot of experience. Most of them hadn't attended an RO school until a few months before the match, but the stages were all run in a professional manner. All stages started on time each day and none were behind schedule.

Stages 1 & 2 were classifiers CM 88-2 Quicky II and CM 88-7 Close Quarters Standards with CRO Jim Galandis and RO's Dave Garatano, Bill Vance, Don Nelson, and Ken Roberts. These two stages were set up on the same range by pointing the stages toward the two corners of the range, allowing the stages to be run by separate RO squads. Each crew could go downrange to score and tape targets without having to worry about the other stage being clear. Quicky II was won by Jamie Craig in Open class and by his brother, Fred, in Limited class. Merle Edington won Close Quarters Standards in

Open class and Fred Craig again won in Limited class.

Stage 3, "Every Which Way But Loose," was sponsored and staffed by the Central Ozark Practical Shooters otherwise known as COPS. CRO's were Kenny and Toni Alkire and RO's were Angela Alkire, Doc

and Esther Stock, Mack and Scott Redman, Brian Payne and Larry Fletcher. (If you are ever traveling through Missouri, try to shoot with the COPS club. This group is unique in practical shooting. I have never seen such cooperation and comradery as at the



John Hindrichs tackles "The Wall." Ed McDaniel keeps the time.

Waller products are made of the finest materials available, innovatively designed and expertly constructed assuring you of highest quality, longest lasting bags and cases. Waller products are sold directly to you, eliminating costly, unnecessary layers of marketing. Waller pledges to provide you with the best products and service available.

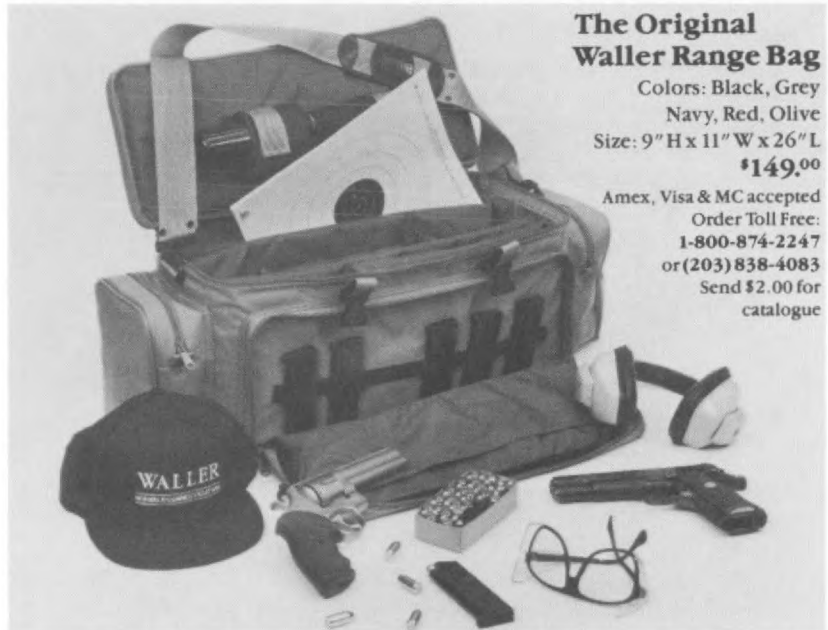
WALLER

NORWALK-CONNECTICUT-USA

The Original Waller Range Bag

Colors: Black, Grey
Navy, Red, Olive
Size: 9" H x 11" W x 26" L
\$149.00

Amex, Visa & MC accepted
Order Toll Free:
1-800-874-2247
or (203) 838-4083
Send \$2.00 for
catalogue



W·WALLER·&·SON·INC

142 New Canaan Ave • Norwalk • Connecticut 06850

COPS club. If they could bottle the magic "something" their club has and sell it to other USPSA clubs, there would never be a burnout problem again. The COPS club tries all those far out ideas that everyone thinks up and then discards as "too hard" or "too much trouble" and makes them work!) This large field course consisted of an elaborate array of vision barriers, walls, doors, windows and screens. There were Pepper poppers, floppers, and drop turners and the IPSC targets had an interesting hard cover that looked like bullet-proof vests. This stage turned you every which way but loose and was a blast to shoot. Lee Edwards topped the Open class and Fred Craig once again won in Limited class.

Stage 4, "The Wall," was sponsored by Graf & Sons, Inc. Ed McDaniel was CRO and Ron Ryan was RO. This was a straightforward barricade stage with three shooting boxes. With eight targets and not much hard cover, it was a

fast stage. Merle Edington took Open class and Fred Craig added to his string of wins in Limited class.

Stage 5 was called "Badda-Bing Badda-Boom." Jerry Stidham was CRO. Chris Holland and Jeff Prechshot were RO's. It was a field course with eight targets and five Pepper poppers. At the second shooting position, a door activated a very fast disappearing target. This stage was a true test for even the Master class shooters. Grand Master Nick Lacina won this stage in Open class and Neil Wiggans interrupted Fred Craig's string in Limited class.

Stage 6, "Chicken Farm," sponsored by Wilson Combat, was RO'd by Mark Von Sorgenfrei, Larry Bullock, Kendal Gonnerman, Neil Wiggans, Denny Foutch and by Darin, Dillon, and Erin Magers. This long, self-starting field course was by far the match favorite. Shooters started facing uprange holding the "chicken" in their weak hands with their strong hands on the start but-

ton. Shooters had to turn around, draw strong-handed and engage three targets before they could put the "chicken" in the coop. Shutting the lid to the coop activated a swinger behind two no-shoots. Shooters then moved five yards downrange to box B to engage two targets and a Pepper popper. There was also an optional target about 45 yards downrange. This target could be engaged either from box B or from box C, which was another 20 yards downrange. One target and three Pepper poppers were at box C. One popper activated a moving no-shoot that traversed the range from left to right. About halfway across the range, when the mover had reached full speed, the no-shoot target fell away to reveal a full target which traveled the rest of the way across the range and stopped behind two no-shoot targets with the small upper B-zone shot still visible. Then the shooter had to squat down to see the stop plate under yet another no-shoot. The Craig brothers did it again with Jamie taking Open class and Fred winning Limited class.

With the assistance of Dwayne Martin, Bill Wayne, Patrick MacArthur and Brian Winburg, the score sheets were picked up every hour at each stage and shuttled off to the stats shack where Roy Parsons, Don Rose, and Judy Brown fed them into the computer. After the final stage scores were posted and while shooters were checking their scores, the Section Coordinators and club reps of Area 3 met to discuss the planning and location of the 1994 championship. It will be held at the Arnold Rifle and Pistol Club the weekend of May 21. By choosing the next site early, the host club and Section **AREA 3** continued on page 90.

NEW MILAZZO/KRIEGER TWO STAGE MATCH TRIGGER SYSTEM



M16/AR15

A completely new designed and manufactured trigger - not a trigger job.

Universal forearm system to full float barrel both service and match/varmatch system.

No machining or brazing required. Fits right on. Systems are Patent Pending.

For information fax or write: **KRIEGER BARRELS, INC.**
N114 W18697 Clinton Drive Germantown, WI 53022-3119
FAX (414) 255-9586

Why Springfield?



Because second sucks.

Second best, second rate, second place. They all suck. You didn't train that hard just to come in second. You didn't spend all those hours dry-firing just to get beat. You didn't handload and handcheck all your match-grade ammo just to come in second.

No way! You worked too hard to be the best.

And so did we.

That's why Springfield is building Custom Shop Raceguns™ on the best hi-capacity frames available anywhere. McCormck, Para, and Caspian— your choice. With our proven top-ends. And radical triple-port progressive comps. All under the direction of champion shooter Rob Leatham.

So why shoot a Springfield?

Do you really have to ask?



SPRINGFIELD, INC.

Send \$3 for a catalog to 420 W. Main Street, Dept. AH,
Geneseo, IL 61241 phone: (309) 944-5631 fax: (309) 944-5631



ROB LEATHAM AND HIS SPRINGFIELD RACEGUN™

BIGGEST LITTLE IPSC MATCH

by Dave Stanford, RD-2

The Western States Championship, with 321 shooters, bills itself as the Biggest Little IPSC Match in the World. I don't know what they're using as a gauge but if shooter satisfaction is part of the criteria, Western States 93 would be hard to beat. This year's contest, held July 15 thru 18, 1993, at the Washoe County Range just north of Reno, saw a lot of shooters having a lot of fun.

A great many new shooters participated in their first major contest and came away feeling good about themselves and the sport. Wayne Fairbanks, a shooter in my squad, told me it was his first match ever. He had gotten interested in the sport and had been going out to his local range with a friend who was helping him get started. Shooting out of an Un-



Dave Dawson uses the mine cart for protection from the bad guys.

cle Mike's web holster, Wayne placed 60th out of 92 shooters in Limited Category, and 266th overall.

The match had a western theme with 'Dusty,' our hero, trying his hand at being a cow-



boy and miner in the Old West. The props for this match were extensive and colorful, carrying the theme of the Old West throughout.

Stage 1 found Dusty in the saloon playing the one-armed bandits when the bandit gang who had taken over the saloon and were behind the teller cages recognized him. He had to shoot his way out of the saloon, playing the slot machines all the way. (Pulling the handle on the slot machines caused the targets to appear in various windows.) This was a Comstock course, sponsored by Beretta and RPM (Revolver Pistol Modifications), with three fir-



Matt McLearn, Champ of Champs.

COMBAT TARGETS

IPSC	PRICED EACH	POLICE
	100 43¢	
	500 38¢	
	1000 36¢	
	2500 34¢	

TAN FRONT / WHITE BACK, 200 LB TEST VERTICAL FLUTE CARDBOARD, 100 PER SHIPPING BOX.

MATCHING PASTERS

1" SQUARE, SELF STICKING, BUFF COLOR, 1000/ROLL

1-9 \$3.20 10-19 \$2.95 20-49 \$2.75 50+ \$2.60

FOB, OKLAHOMA CITY. CHECK, MONEY ORDER, COD OK, NO CREDIT CARDS. SHIPPED BY UPS

TIGER TARGETS

1420 EVERGREEN CIRCLE
MIDWEST CITY, OK 73110


(405) 733-7822


PHONE ANSWERED 24 HRS BY RECORDER
AUTHORIZED MANUFACTURER TI-101 SINCE 1983

MORRIS CUSTOM PISTOLS

ARTISTRY IN PISTOLCRAFT

2904 W. Lacrosse • Spokane, WA 99205 • (509) 325-COLT(2658)
MORRIS MATCH BARRELS FOR THE P-9

Dealers Welcome  \$149
STANDARD SUPER MATCH

 \$189
THE ULTIMATE P-9 BARREL, FLUTED BULL 580 DIA.

The Morris P-9 Fluted Bull Barrel is the strongest most accurate P-9 barrel. The flutes are where they do the most good - the first two inches from the chamber where the most heat and stress occur using light bullets at major power.



Andy Hollar peers into the blackness of the mine, ready to engage the denizens of the dark.

ing positions and seven paper targets and three turning targets.

Stage 2 found Dusty trying to tell the Sheriff about the gang and their evil intentions, the Sheriff had Dusty 'put up' at the jail for protective custody. The Sheriff, who is in cahoots with the gang, tells them where to find Dusty, and lights out of town so he can proclaim his innocence when the gang busts Dusty out of jail and lynches him. Dusty, ever vigilant, hears them coming and fights his way out of jail, goes by the cemetery where he retrieves his stashed gold, gets to his horse and has a running gun battle until he has fought his way clear of the gang. This stage was a Comstock-scored field course, sponsored by Alchemy Arms, with nine paper targets, one popper and one plate.

Stage 3 was an innovative course of fire that featured Dusty helping a friend in his mine when they are set upon by claim jumpers. Dusty had to push a mine car that shielded him from the claim jumpers'

bullets. He fought off the desperados by shooting through ports on top of the mine car. When he emerged from the tunnel, he had to run for cover under a building where he engaged the last of the claim jumpers when they appeared. This was a Comstock field course, sponsored by Ernie Hill Speed Leather.

Stage 4 found Dusty working for the Pony Express. He had to ride horses and do a running mount and dismount while engaging desperados that wanted to steal the mail he was carrying. He had to shoot from the horses (50 gallon plastic drums with horses' heads and tails) with both feet off the ground. Some people found it a little tricky shooting from atop a barrel and getting on and off the horse. This Comstock field course was sponsored by Nowlin Industries.

Stage 5 finds Dusty bedded down at the Pony Express way

station. He has a nightmare in which he is surrounded by three BIG dice. The gang members and friends keep appearing in the windows of the dice and he has to get the gang before they 'off' his friends. Dusty takes care of the gang members, rescues his friends and wakes up refreshed before heading back down the trail with the next day's mail.

The props for this stage were large 8' x 8' square dice with ports instead of spots which the competitor had to shoot through to hit the appropriate targets. This 18-round Comstock field course was sponsored by Arotek.

Stage 6 found Dusty back in town with his feet propped up and a brew in his hand when Cactus Bill C, a most notorious outlaw, takes Precious Heritage hostage while his gang members search out the rest of Granny's girls and their customers. Dusty grabs his trusty

TITANIUM

"The COMPETITIVE edge..."

\$21⁹⁵

Fits 1911 pistols
.45 ACP &
.38 Super

\$34⁹⁵

Fits AR-15 & M-16 style Rifles

You have already discovered the advantages of our Titanium Firing Pins for 1911 pistols. **NOW YOU CAN ADD THE SAME MAGIC** to your competition AR-15® & M-16®.

Improve scores, reduce slam fires, discover what **QUICK** really means! Cut lock time & get on to the next target!

Proudly Made in the U.S.A.

Order desk:
1-503-627-9313
FAX: 1-503-590-3637
(Please add \$3 Shipping & Handling per order)

Quality Machining
INCORPORATED
"OUR NAME SAYS IT ALL"

P.O. Box 129 • Sherwood, Oregon 97140

Also available through OLYMPIC ARMS, Inc. Order Desk: 1-206-459-7940



For Wayne Fairbanks, the Western States was his first match.

six . . . teen shooter and runs to the rescue. He searches Granny's house, rescues all the maidens and dispatches the bad guys before going back across the street to finish his brew.

This 20-round Comstock field course, sponsored by Les Baer Custom, was a maze of walls and panels with only one right way through. Many a shooter took a wrong turn and had to backtrack to get all the targets and complete the course.

Stage 7 was another field course sponsored by DSX and Accu-Systems. Dusty wakes and finds the town deserted and the gang coming in to get him. This course required the competitor to fire from and around walls, boxes and through ports at pepper poppers, one plate and one paper target.

Stage 8 takes Dusty to a local celebration after having rid the county of the desperados. There he enters a real shooting contest called the Standards. This is a 24-round Virginia Count event sponsored by Browning Arms.

The courses of fire were **fun** and the competitors appreciated the western flavor and extensive use of props and colorful settings. I expected some complaints about the lack of realism, but not one competitor complained about the use of an unrealistic 'theme.'

For sheer downright fun this was the best Western States match ever, and I have missed only one. They went out of their way to recruit new shooters. There was also a large contingent of police officers there as they sent invitations to the Glock match participants.

Of the 321 competitors, 94 shot in Limited Category and seven shot Modified. Even with guns and high dollar prizes set aside for the Modified division there was little interest. (Lack of interest in this IPSC category was also apparent at the Area 1 Match.)

Match Results in order of finish

OPEN

1. Matt McLearn
2. Mike Voigt
3. Matt Burkett
4. Jojo Vidanes
5. Geoffrey Reiland
6. Joe Kessler
7. Jamie Craig
8. Surajate Samerpong
9. Frederick Craig III
10. Matt Escobar
11. Brad Hertz
12. Dave Dawson
13. Don Bednorz
14. Rick Byfield
15. Kenneth Boyd

LIMITED

1. Jim Wall
2. Ted Bonnet
3. Salim Dominguez
4. Chris Voeller
5. Ross Aki
6. Richard Morgan, Jr.
7. David Elrod
8. Daniel Furbee
9. Randy Schleining
- 10 Bob Gates

MODIFIED

1. Max Maximenko
2. John Nowlin, Sr.

"The most accurate barrels I've shot in 17 years of competitive shooting."

John Pride

COLT 1911 BARRELS

S&W REVOLVER BARRELS

"... extremely pleased with the quality & performance, - they work!"

Bill Davis Service Center

GLOCK BARRELS

"I'm extremely pleased with both the workmanship and the accuracy..."

George Wessinger, Wessinger Custom

BERETTA/TAURUS BARRELS

JARVIS GUNSMITHING, INC.

1123 Cherry Orchard Lp., Hamilton, MT 59840 • Box 173, Hamilton, MT 59840

(406) 961-4392



PISTOLSMITHING THE 1911 AUTO

by John Nowlin Sr, L-1157

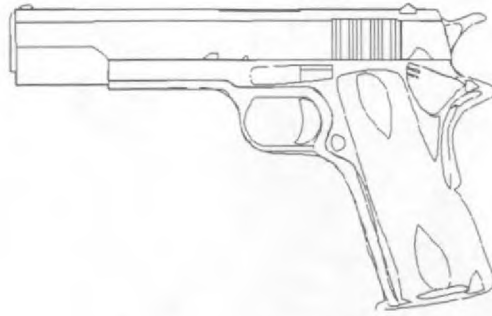
I get repeated calls from irate customers who say they had a perfectly good pistol which grouped well before they had a pistolsmith remove the iron sights and install a scope. Now, they complain the pistol gives horrible groups. What do you think he has done to my pistol and what should I do now?

Let me try to answer that question.

Almost everyone has probably heard the following statements: "The slide and frame rails on a 1911 Auto do not need to be tight," and "A good shooter can outshoot a Ransom rest." Are these statements true? They are argued and debated by all levels of shooters.

There are some instances when a properly installed match barrel will shoot well in a pistol even with a loose slide-to-frame fit. Sometimes the

slide wears in to the frame so it returns to the same place every time. However, this cannot be relied on when accuracy is demanded. A loosely fitted pistol may go sour at any time and cannot be trusted for match accuracy. Fitted rails or accu-rails will give you reliable accuracy



provided the potential is there with an accurately fitted barrel and components.

Loose slide-to-frame fit presently gives shooters and pistolsmiths problems because many are now using scopes mounted on the pistol frame. This produces the same phe-

nomena we have experienced when good shooters outshoot a Ransom rest.

If the slide-to-frame fit is loose on a pistol, a shooter using iron sights can many times beat a machine rest. When he shoots with iron sights he is aiming the slide (and thus the barrel).

The machine rest is effectively aiming the frame, and because the slide and barrel may return to a different place after each shot accuracy suffers. In this situation the machine rest may not group satisfactorily. This same thing happens when a pistol with loose rails is fired with a scope mounted to the frame. The shooter is aiming the frame, just like the machine rest, the frame-mounted scope does not compensate for the variable slide and barrel positioning created by the loose slide-to-frame fit.

Skeletonized Slide shortened 1/2 inch, reduces mass and eliminates slide clunk during cycling.

"MASTER BLASTER"

Large port, triple chamber, Titanium Compensator (1/2 the weight of steel), cuts muzzle rise by over 83%.
6-3/4" Barrel/Compensator length.

Relieved area under trigger guard allows a higher grip in combination with the raised Beavertail.

Weight of pistol unloaded is 41 ounces.

J.A.F. GUNSMITHING, INC.
6425 S.W. 50th Street
Miami, Florida 33155
Tel. (305) 662-9407

J.A.F. Scope Mount, machined from the Red Buff extrusion, places scope low over the center of gravity and away from the compensator blast. Allows Slide to be easily cycled from the front. Accepts Tasco PDP-2, PDP-3 and Aimpoint 5000.

Skeletonized J.A.F. Hammer fits modified Beavertail & provides quicker ignition.

EB Ambi Safety with higher and wider paddles assures better control.

EB Beavertail raised 1/2" allows a higher grip.

Huge Custom Magwell Entrance allows quick reloads.

THIS PISTOL BELONGS TO JEFF DIXON, 4 TIMES CONSECUTIVE FLORIDA STATE IPSC CHAMPION
Price List only \$1.00

I have personally witnessed Bill Wilson shoot better groups at 50 yards prone than a machine Ransom rest could produce with a loosely fitted pistol.

Recently I completed a test as follows: A 38 Super barrel was tested in a custom barrel fixture which fires only the barrel, which is firmly bolted in place. The results were groups of less

than .500" (1/2") at 25 yards with match ammunition. The barrel was then fitted to a Caspian 1911 slide and frame. The slide-to-frame fit was moderately loose and when test-fired from a Ransom rest, the groups were a disappointing 2 1/2 inches, which is not acceptable in competition. After professionally fitting the rails and

re-testing in the Ransom rest, the pistol shot groups near those obtained in the barrel test fixture.

It's true that you may with luck, get satisfactory results in pistols with loose rails when using sights mounted on the slide, but when you need reliable accuracy it pays to have your pistol professionally fitted. This is especially true when the sights/scopes are mounted on the frame. Fitting the slide to the frame is not a stand-alone formula to accuracy; it's part of a formula that includes an accurate fitted barrel and other components.

If you are not proficient in rail-fitting techniques, you can have your pistol accu-railed by Joe Cominoli, 624 Cherry Road, Syracuse NY 13219. Phone (315) 488-7536. This will assure you of a perfect slide-to-frame fit. Joe installs hardened steel rods between the slide and frame for rear net clearance and ultra-smooth reliable function. This procedure requires machining longitudinal grooves in both rails and frame to accept the fitted rail rods.

I am planning future Articles that will help you understand what criteria is needed to ensure competition accuracy and reliability with the 1911 autos. They include:

Barrel-to-slide and frame fitting.

Rails - slide-to-frame fitting.

How to recognize and test for a match grade barrel.

How to do action jobs like the professionals.

Compensators and what makes them work.

All about ejectors, extractors and how to pistolsmith and maintain a competition-reliable pistol

Headspace and ammunition.



New Powders from the Old World



Vihtavuori

(pronounced Vee-ta-voor-ee), one of Europe's largest and most respected smokeless powder companies, now brings its full line of powders to American reloading benches. And, at a competitive price!

Produced in Finland at the ultra-modern Vihtavuori propellant plant, all of these single-base powders are newly manufactured and have been developed specifically for the handloader. This same powder is also being supplied to many large U.S. ammunition factories and is certified to the international ISO 9000 Qualification standards.

Vihtavuori's extensive range of powders covers the entire spectrum of American and European cartridges. From the fast burning N310 and the European IPSC-favored 3N37 pistol powders, to the slow burning N165 powder for heavy magnum rifles, there are nine cylindrical rifle powders and seven flaked pistol and shotshell powders currently available to reloaders. Pistol and shotshell powder is packaged in 1 lb. canisters, rifle powders, 2 lbs. per container.

Look for Vihtavuori powders at gun shops or sporting goods stores. If you can't find them in town, you may order direct by VISA or MasterCard at 1-800-683-0464. Dealer inquiries welcome!

FREE Vihtavuori Reloading Guide

The guide features data for most popular American rifle and handgun cartridges, plus hard-to-find data on most European cartridges. Over 700 loads for 74 different cartridges.



KALTRON-PETTIBONE

U.S. Importer of Vihtavuori Powder
1241 Ellis Street, Dept. FS
Bensenville, IL 60106

Please send me a copy of the free Vihtavuori Reloading Guide

Name _____

Address _____

City _____

State / Zip _____



VIHTAVUORI OY

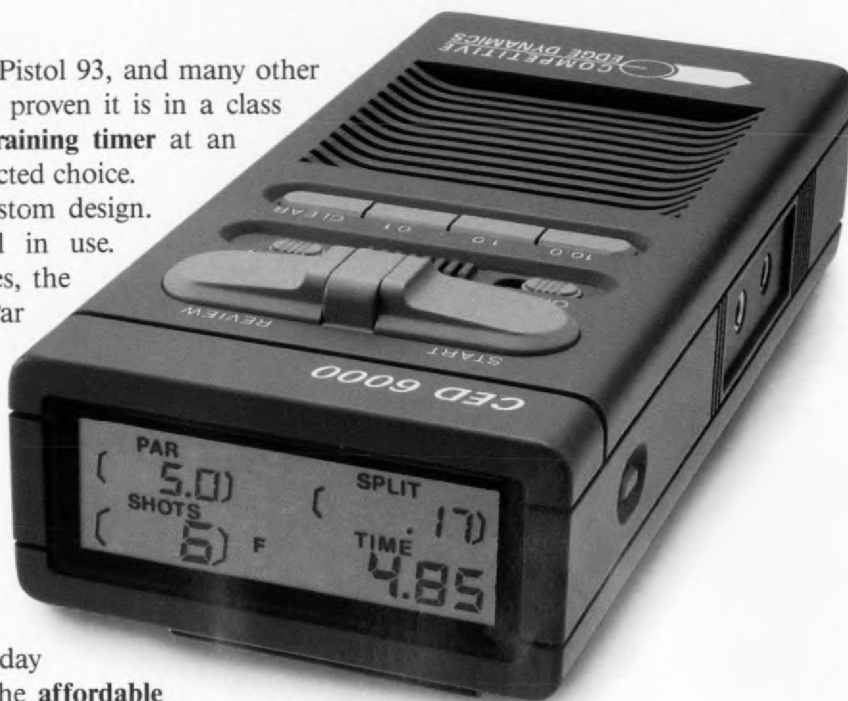
Kaltron-Pettibone is a member of the National Reloading Manufacturers Association

World Class Performance !

Official Timer for World Shoot X, Pistol 93, and many other International Events, the CED 6000 has proven it is in a class by itself! Designed to be the **ultimate training timer** at an **affordable** price, the CED 6000 is the selected choice.

Sleek, lightweight, and compact custom design. comfortable to handle, and functional in use. Custom LCD display provides at all times, the number of shots fired, cumulative times, Par setting, Split time, and the Delay mode setting of the timer. On plate functions (Man vs. Man), the display shows both shooters time and indicates the winner! "Low battery indicator" provides ample warning for appropriate battery changes. **Illuminated LCD** enables accurate reading of the display in "low light" shooting conditions.

No other timer on the market today offers you as many **quality features** at the **affordable value** of the CED 6000.



- Custom Illuminated LCD display
- 999.99 sec. recording time
- Split time
- Par time
- Repetitive mode
- Power down mode
- Self-diagnostic system
- 9 Volt alkaline battery operation
- Two stop plate input jacks (Man vs. Man), or multiple hit recording
- Adjustable sensitivity shot detector
- Unlimited shot recording & review
- Low battery LCD indicator
- Combined comstock
- Low frequency buzzer
- Auxiliary jack
- Instant go, fixed, or Random delay
- Custom screw driver
- Custom carrying case included

NEW PRICE SAVINGS – MORE VALUE THAN EVER BEFORE!

All this performance and quality for a \$169.00 investment

30 Day Money Back Guarantee and One Year Limited Warranty

We guarantee our timers 100%. If the CED 6000 breaks due to defective parts or workmanship, we will **replace** it for you **immediately** upon return with your receipt of purchase. If you accidentally break it, we will repair it at **cost of parts**, and return it to you within a **5 day service period**. We are proud of our products and we want you to be too!

H & H Marketing Inc.

PO Box 1123, 85 Bliss Rd., White River Junction, Vermont, USA 05001

ORDER NOW! Call Tues.-Sat.(2-6pm) (802) 295-1334 or Fax (802) 295-1956

We accept VISA, MC, OR COD, add \$4.00

Mail orders, please send Certified check or Money order only.

*Add \$5.50 Shipping & Insurance UPS Ground / \$10.00 UPS 2nd Day Air.

*Vermont Residents, add appropriate sales tax.

 **COMPETITIVE
EDGE DYNAMICS**
COMPETITIVE EDGE DYNAMICS LTD.

GLADES GUNWORKS

4360 Corporate Square
Naples, Florida 33942
(813) 643-0997 · FAX (813) 643-1193

**SPECIALIZING IN
HIGH CAPACITY**

***CASPIAN
*CMC / TRIPP
*PARA ORD**

**Some models available
for immediate delivery**

**Call or write for our
complete product line.**

**Exporting services
available.**

**Inquire about our
pre-owned specials**



**CHAMPION DOUG KOENIG DEMANDS
THE BEST...SHOULDN'T YOU?**



FOR COMPLETE PRODUCT
INFORMATION CALL OR WRITE

WORLD CLASS PISTOLS, INC.

P.O. BOX 288
BROWNSBURG, INDIANA 46112
317-852-0013

ARO-TEK: THE GLOCK ACCESSORY EXPERTS

Aro-Tek, Ltd.
a space-age, high-tech
manufacturing company
is now offering
technical modifications
for all Glock pistols.

LAW 2000 LASER SIGHT
HYBRID COMPENSATOR
SURETOUCH MAGAZINE RELEASE
LOW PROFILE ARO-SIGHT
TITANIUM SPRING GUIDES
EXTENDED SLIDE RELEASE

Aro-Tek's high-tech accessories add new technology to any Glock. The "Hybrid" Compensator reduces gun rise by an amazing 70%, greatly improving gun control and accuracy, with no increase in muzzle flash or loss of night sight. The Compensator conforms to IPSC modified Class guidelines, uses your original long-life Glock barrel and your stock or after-market sights. The new Aro-Sight is a rugged low profile design that installs without pusher tools, is field adjustable and insures snag free unholstering. Our Titanium Spring Guides replace stock components for longer life and even captures the old-style and wolf springs as an assembly. The SureTouch Magazine Release assures instant empty magazine ejection. Aro-Tek's Extended Slide Release increases leverage and thumb access for easy loading. Glock accessories are available in both Black and Nickel finishes.



ARO-TEK INTRODUCES THE LAW 2000, THE WORLD'S SMALLEST LASER SIGHT

Aro-Tek's latest innovation for your Glock is the world's smallest laser sighting system, the LAW 2000. An adaptation of models used by the Secret Service, DEA, U.S. Customs and U.S. Marshals, this laser system is

designed to blend with the gun's appearance – concealing the battery and activation control in the existing gun handle. Laser recharges from a 9-volt battery in 10 minutes for an hour of continuous use. Don't be



LASER SIGHT UNIT

fooled by competitors claiming to make the smallest laser – *THIS IS IT...* and available only from Aro-Tek.

WARNING: VISIBLE LASER LIGHT, AVOID DIRECT EYE EXPOSURE.
PEAK POWER: 5mW WAVELENGTH: Class IIIa Laser Product

Modifications performed at our facility use Aro-Tek's specialized manufacturing system. Call for next production date.

ARO-TEK LTD.

Aro-Tek, Ltd. 201 Frontage Road N., Suite C, Pacific, Washington 98047

High-Tech Performance For Your Handgun.
Call today for information on the dealer nearest you.

(206) 351-2984

Glock is a registered trademark of Glock, Inc. Smyrna, GA 30081



Accu-Comp DP-K Kit 38 Super	292.45
Accu-Comp DP-K Kits	278.95
9mm, 40 S&W, 10mm, 45 ACP	
6" Ramped 38 Super BBL	148.50
6" Stainless Match BBL	139.50
9mm, 10mm, 38 Sup, 40 S&W	
5" 45 ACP Match BBL	130.50
Pro Shooters Bag (Blue)	112.45
The Shooter Bag (Black)	103.45
Practical Shooters Bag (Black)	89.95
Bo-Mar BMCS Rear Sight	59.40
Ambi Thumb Safety S/S	49.45
Ultralight Hammer	44.95
Checked Main Spring Housing	35.95
S/S Flat or Arched	
Group Gripper Gov't Model	35.95
2-pc Guide Rod & Plug 5"	33.25
High Grip Beavertail Safety	31.45
Magazine Well S/S	28.75
Extended Slide Release S/S	28.75
10 Rd 38 Super S/S Mag	27.85
Ultralight Match trigger	26.95
Drop-in Beavertail Grip Safety	26.95
8rd 45 ACP w/ext. Base Pad S/S	26.05
Officers 7 Rd 45 ACP S/S Mag	25.15
Extended Mag Release	25.15
Extended Thumb Safety	25.15
1-pc FL Guide Rod & Plug	23.85
38/9mm Combat Ejector	20.65
45 ACP Combat Ejector	19.75
45 ACP Extractor 70 or 80	17.95
38/9mm Extractor 70 or 80	17.95
Complete 1911 Pin Set	14.35
Thumb Guard Stainless Steel	13.45
Shok Bufts (pkg of 6)	6.07
Full Moon Clips 45 ACP Blue	4.45
Recoil Springs 8-22 lbs	4.45
Firing Pin Return Spring	2.02

CPMi Custom Products

Brass and aluminum bumper pads, lightweight scope mounts, slide rackers and more.

Dillon Precision Reloading Equipment

Custom Pistolsmithing

Guaranteed workmanship, great service, quick turnaround, fair pricing... We do it all!

ORDERS PLACED BEFORE 3:00 p.m. (Eastern) Shipped Same Day.

FREE SHIPPING IN THE CONTIGUOUS U.S.A*

* Applies to orders of \$35 or more, below that add \$3.75 handling fee. Free shipping policy does not apply to bullets, targets, loading equipment, offshore, foreign, or air shipments; these are charged at cost.

All product prices subject to change without notice.

Ed Brown Products

Four Star Comp Kit 45 or 10mm	
Stainless Steel	269.95
Blue	260.95
Four Star Comp Only 45 ACP	135.00
Ambi Thumb Safety S/S	49.45
Ambi Safeties Trimmed S/S	49.45
Extended Slide Stop S&W	38.65
Officer's Guide Rod Assembly	35.95
Commander Hammer S/S	35.05
Hi-Hand Beavertail Grip Safety	32.35
Maxi-Well S/S	30.55
Extended Thumb Safety S/S	28.75
Magazine Release Stainless	28.75
Heavy Duty Guide Rod Assembly	24.75
Oversized Thumb Latch S&W	22.45
Beavertail Installation Jig	16.15
Reverse Plug	13.50
H-D Guide Rod Head Only	13.50
Dovetail Front Sight	9.85
Hov Head Grip Screws S/S	8.05
Oversized Mag Button	8.05
Standard Spring Plug Only	7.15

BOOKS FOR THE PISTOLERO!

Sale! SHOOTING FROM WITHIN, by world champ Mike Placco, Ret. \$19.95 Spl 15.95

New! TOTAL SURVIVAL, Nowicki, Acclaimed for police and security personnel 22.95

Another Country, Jeff Cooper 23.95

Blue Book of Gun Values, 14th Ed. 24.95

Cott.45 Auto Shop Manual, Kuhnhausen 19.95

The Combat Auto, Wilson 14.95

Custom Govt. Model Pistol, Simpson 21.95

Exploded Handgun Drawings, Gun Digest 15.95

Fast & Fancy Revolver Shooting, McGivern 17.95

Fireworks, Jeff Cooper 17.95

Glock, The New Wave, Kasler 22.95

Gun-Proof Your Children, Ayoub 4.50

Halko's .45 Auto Handbook 11.95

In the Gravest Extreme, Ayoub 9.95

Lyman Cast Bullet Handbook 14.95

Lyman Reloading Handbook #47 17.95

Master Tips, Winokur 11.95

Modern Technique of the Pistol, Morrison & Cooper 38.95

No Second Place Winner, Jordan 13.95

Pistols of the World, Hogg & Weeks 15.95

Pistolsmithing, Nonte 26.95

Police Handgun Manual, Clede 15.95

Principles of Personal Defense, Jeff Cooper 7.95

S&W Revolver Shop Manual, Kuhnhausen 17.95

Sixguns, Elmer Keith 29.95

Skeeter Skelton on Handguns 2.95

Skelton 1 - Good Friends, Good Guns, Good Whisky 21.95

Skelton 2 - Hogleys, Hipshots, Jalapeños 21.95

Stressfire I, Ayoub (Advanced Tactics) 9.95

Stressfire II, Ayoub (Shotgun Tactics) 9.95

To Ride, Shoot, Speak Truth, Cooper 21.95

Truth About Self-Protection, Ayoub 9.95

Ask for complete book listing, all popular titles for the shooter, collector, hunter, technician, law enforcement.



SHOOTING ACCESSORIES, INC.

Magwell Flat or Arched, Blue or Stainless, Government or Officers	62.95
Ambi-Mag Release	89.95
Grip Safety Blue or S/S	31.45

SHOOT THE MOON



Full Moon Clip Holders	
Blue or Stainless	8.05



MAGAZINES

Blue 38 Super	10 Rnd	22.45
10 mm	9 Rnd	22.45
45 ACP	8 Rnd	10.75
S/S 38 Super	10 Rnd	25.15
10 mm	9 Rnd	25.15
45 ACP	8 Rnd	14.35

CONVERSION KITS

10 mm and 38 Super	11.65
45 ACP	9.85

+2 MAGAZINE EXTENSIONS

ALL GLOCKS! pk of 2 \$8.10 w/lifetime warranty.

TASCO PDP 3

Big (10 Min) and Standard (5 Min) dot	
Blue or Silver	175.50

AAA IPSC APPROVED TARGETS

50 target carton	25.00
------------------	-------

Targets are packed in boxes, not taped in bundles.

Shipping cost (23 lbs) varies depending on UPS Zone from Knoxville, TN *

Pasters - 2.70/Box, Buff, Black & White



Barrels	100.80 - 120.60
Slides	90.00
Comps	72.00 - 84.60
P9 Comp Kits	207.00
Comp Barrels	207.00 - 237.60

ARO-TEK

Glock Accessories - We carry the full line



Chip McCormick Co.

Nastoff Titanium Hammer	71.95
McCormick Titanium Hammer	71.95
Bullseye Titanium Hammer	71.95
Nastoff (A-6) Hammer	56.65
McCormick (A6) Hammer	56.65
Bullseye (A6) Hammer	56.65
CMC-CAD Semi-Prep Hammer	47.25
Titanium Trigger Long	28.35
Titanium Trigger Short	28.35
Titanium Firing Pin 45 ACP	23.85
Titanium Firing Pin 38 Super	23.85
Sear (Semi-prepped)	18.85
Sear (Ground only)	13.45
Titanium Hammer Strut	12.55
Trigger Slick	9.90
Titanium Main Spring Cap	9.40



Precision load-rated variable recoil springs for 1911's. From 8 lbs. to 22 lbs. Includes matching firing pin spring. 6.74

GALCO



Miami Classic & SS2	108.00
Federal Paddle Lined Holster	61.20
Avenger Holster	59.40
Double Mag Pouch	28.80
Single Mag Pouch	16.20
SOB (small of back)	45.00
Escort Gun Pouches	42.30 - 46.80
Custom Belts - call for selection & price	

Dealers for:



Call for Selection

Foreign Orders Welcome

We try very hard to efficiently serve our foreign customers. However, handling foreign orders is a very complex matter because of all the different agencies involved between shipper and customer, and because of various countries having different regulations. Therefore, we must add a charge of \$8.50 for special handling, and we ask that the customer assume all risks for factors not under our control. Foreign customers should carefully consider shipping costs, transit times, import duties, availability of insurance, prohibited items.

Dealers Inquire (Send FFL)



Please provide name of card holder and billing address for all credit cards when ordering by mail or FAX. ALL credit cards are verified to prevent fraudulent charges.

Hours: Daily 10:00 a.m. - 9:00 p.m./Saturday 10:00 a.m. - 7:00 p.m./Sunday Noon-5:00 p.m.

1-800-966-4538 © Inquiries Phone 1-615-966-4501
24-Hour FAX 615-966-4500



10737 Dutchtown RD., Knoxville, TN 37932

Where the Action is...



Where there is Action... you'll find ProChrono.

The newest, hottest chronograph on the market, it features a HUGE shooting area — twice as large as any comparably priced chrono. It displays number of shots and average velocity, and has an HP printer interface, remote control jack, and a 2-year warranty.



Where there is Action... you'll find ProTimer IV.

ProTimer IV permanently saves seven par times. Enter a par times once, instead of each time a different one is used. It also has selected review shot data on screen for INSTANT REVIEW without any button pushing. Standard features include automatic power down, HP printer interface, and adjustable shot sensitivity. Only \$199.95



Where there is Action... you'll find the ProTimer III Jr.

Still the standard range work horse because of its simple operation, rugged construction, and large display. The ProTimer III Jr. is a favorite with range officers worldwide.

ProTimer III Jr. (with Par Time) \$149.95
 ProTimer III Jr. (without Par Time) \$129.95

CEI ProTimers have been used at every USPSA/IPSC Nationals since 1982. There must be a reason. Lots of them, actually. Call us today and learn why you should be using a ProTimer.



Competition Electronics, Inc.

3469 Precision Drive
 Rockford, IL 61109
 815-874-8001 • FAX 815-874-8181

CALL TOLL FREE 1-800-222-3845



Complete with scope
and mount for only

\$2,600.00

Choose the high capacity frame best suited to your needs and let us build you a complete full-house, no shortcut comp-gun.

*McCormick Hi Capacity Frame
Para-Ordnance Hi Capacity Frame
Caspian Arms Hi Capacity Frame*

Package includes:

- Frame & All Parts
- Beaver Tail
- Ambi Safeties
- Slide
- Triple Port Comp
- Nowlin 6" Ramped BBL.
- Recoil Rod & Plug
- Tasco Propoint Scope
- Awesome Arms Mount
- 2.5 lbs. Trigger Job
- Tool Steel Hammer & Sear
- Slide Lightened
- Cocking Serrations On Slide
- Hard Chrome Finish
- All Parts Fully Contoured & Sharp Edges Removed
- Para-Ordnance complete with all checkering and mag funnel. Ultra-slim recontoured frame for the smallest possible grip.

Compare all we offer with the competition and see how superior our deal really is!

Prices include F.E.T.

No hidden costs • 3-4 months delivery

**UNCONDITIONALLY GUARANTEED FOR ONE FULL YEAR
ALL PARTS AND LABOR**

Rt. 1,
Box 223-A1
Flatwoods, KY 41139

D & J

HIGH PERFORMANCE CUSTOM SUPREME HANDGUNS

Don Fraley,
Pistolsmith
(606) 836-2663

**Limited Class Hi-Capacity
Para-Ordnance Gun**

- Stainless Match Grade Barrell
- Oversized Mag Funnel - Fully Opened
- Match Trigger
- Complete Trigger Job
- Bo-Mar Sights
- Lowered and Flaired Ejection Port
- 1 Piece Recoil Rod
- Special Spring Package
- Throat Barrel, Polish Feed Ramp
- Adjust and Polish Extractor
- Extended Ejector
- Beaver Tail Grip Safety
- Ambidextrous Safeties
- Slide Tightened and Hand Lapped to Frame
- Serrate Back of Slide - Front Cocking Serrations on Slide
- Checkered Front Strap 20 Lines Per Inch



\$1,595.00

on Para-Ordnance
(includes all parts, labor, frame & slide)

**"The best feeling re-contoured gun
you've ever held in your hand!"**

**RUN WITH
THE BEST**



HELLWEG TACTICAL SPEED HOLSTER

Right & Left Hand
Models Available for
**COLT, BERETTA,
GLOCK, SIG, and
SMITH & WESSON**

NEW FOR TACTICAL SHOOTERS!

At last a behind the hip holster that is as fast as you are with a price that won't burn a hole in your pocket. The Hellweg Tactical Speed Holster is steel lined and finely crafted from the finest Australian Cowhide. You adjust the retention of the pistol in the holster according to your needs with the patent pending tension system. Loosen it for a lightning fast draw in USPSA Limited or IPSC Modified and Standard class matches. Tighten it down for the rigors of field operations. The Hellweg Tactical Speed Holster is a high ride holster that lets you comfortably wear your pistol all day long, day in and day out. It rides behind your hip for concealability, yet with one smooth motion your pistol is in your hand if you need it.



CAUTION!

These speed holsters are to be used by skilled professional and competition shooters only. Inexperienced shooters should receive proper training before using them!

HELLWEG TACTICAL SPEED HOLSTER - \$59
HELLWEG MAGAZINE SPEED POUCH - \$19
HELLWEG DRESS GUN BELT - \$32

Discounts for NRA, USPSA/IPSC Members, Law Enforcement, and FFL Holders.

WORLD CHAMPIONSHIP LEATHER

World Shoot X was one of the most demanding tests of equipment ever with competitors jumping off six-foot high platforms, leaping out of pickup truck beds, shooting from boats, helicopters and motorcycles. On every holster test at WSX Ted Bonnet's Hellweg Tactical Speed Holster held his gun, yet when he needed it, he had a fast, smooth draw that was unmatched as he dominated the Standard Division. **BONNET WON THE WORLD CHAMPIONSHIP IN THE STANDARD DIVISION USING THE 1911 MODEL OF THE HELLWEG TACTICAL SPEED HOLSTER.** The glock model finished 4th, 8th and 12th in Standard and in Modified a prototype holster for the Strayer Tripp frame finished 3rd. If you are a USPSA Limited Class, IPSC Modified or Standard Division competitor **GET THE HELLWEG ADVANTAGE NOW!**

DISCOUNT FOR USPSA MEMBERS!

• USPSA Members you will receive a 5 percent discount on all orders placed with Mastercard or Visa and a 10 percent discount on all pre-paid and COD orders. To receive your USPSA discount we need your membership number. We accept money orders, cashier's checks and personal checks. Personal checks take 10 days to clear and then we ship your order. We normally ship UPS Ground and the shipping charge is \$5 per \$100. There is a \$5 COD fee. We also ship UPS Red and Blue and Federal Express Overnight, call for the shipping rates. On all orders we need to know **left or right hand** and belt orders we need to know your waist size. Overseas USPSA/IPSC members we normally ship Airmail Insured, please check with us for the rates.

YOU MAY ORDER BY FAX - OUR DEDICATED FAX NUMBER IS (209) 683-3422

Gunracer
COMPANY INCORPORATED

1-800-955-4486 or 209-683-7885
P.O. Box 669, Coarsegold, CA 93614

AREA 7 CHAMPIONSHIP

by Pete Goloski, A-8643

What major event, hosted by the Geneva Practical Shooters, aided and abetted by their able mascot, "Jesse the sand flea," drew 230 competitors to North Seneca Sportsmens Club in the Finger Lakes region of New York in July? Why, the Area 7 Championship match, of course. When the sand and smoke finally cleared after four days of hotly contested competition, Georgia sharpshooter Billy Abbate was the match winner, and Larry Steuerwald was declared the Area 7 Champion.

The eight stage match, sponsored by Caspian Arms, required a minimum of 158 rounds. The Limited championship was sponsored by Para-Ordinance. With the generous support of many sponsors, the prize table was worth more than \$25,000.

Stage 1 was the classifier CM 87-5, "Triple Choice." It was sponsored by Behlert's Precision and won by Larry Steuerwald. This course of fire demanded generous helpings of both speed and precision. Stage 2 was also a classifier — CM 90-3, "Tight Squeeze." It was sponsored by Weigand Combat Handguns and won by Billy Abbate. Both of these stages were administered by CRO Dan Griffen.

Stage 3, "Steel Charge," was sponsored by Red Buff. This stage was designed, set up, and manned by members of the Cortland County Pistol Club with Perry Rupe as CRO. As the stage name indicates, this was an all-steel stage. Shooters were required to engage 20 various targets which were color coded to four shooting boxes. Colorado speedster Ron



Area 7 Champion Billy Abbate

Photo by Mike McCoy

**BIG
FIVE
MAG. EXTENSION**



Ext. Kits \$49.95 ea. (colors red or black)

Extra Mag. Springs \$8.25 ea. (hard anodized)

**24 + 1 Extra Capacity Mag. Kit for
Chip McCormick Hi-Capacity Frames**

*If you have any trouble with your magazine extension kit
Please call!*



Send Certified Funds To:
Ammosmith Cartridge Co.



113 Sequoia Dr., Gillette, WY 82716
(307) 686-6004

Avery won this stage hands down.

Stage 4, "Outhouse Escape," was sponsored by European American Armory and produced by members of the Pathfinder Practical Shooters. This stage was designed by Joe Gagliardo who, despite pulling a muscle in his leg and spending the weekend on crutches, somehow still managed to serve as CRO as well. In this scenario, shooters started seated in the outhouse with their guns on a stump just outside. At the start signal, shooters left the outhouse, grabbed their firearms, and engaged 12 IPSC targets, and four Poppers through a series of ports and doors while avoiding swinging no-shoots. This stage ended in a tie shared by Billy Abbate and Milford Lovett, Jr.

Stage 5, "Walkin' the Dog," was sponsored by Springfield, Inc. It was designed and staffed by members of the Rochester

Brooks Practical Shooters. CRO Paul Goodman guided the shooters through the course. At the signal, shooters opened a door and engaged three steel and two paper targets. They then moved to another shooting box, but had to take the "dog" with them. The "dog" was a large boat fender half-filled with sand and attached to a leash hung on a post next to the door. Because the leash had no loop, it was quite amusing to watch how the shooters solved the problem of running, reloading and shooting while walking the dog. Shooters engaged eight IPSC targets and 10 steel targets from several positions, both with and without the "dog." Billy Abbate proved to be the best on this stage as well.

John Benish and Mike Braun shared CRO duties on Stage 6, "Mind Games," sponsored by Ernie Hill Speed Leather. The Western New York Practical Pistol League provided the de-

sign and manpower for this stage. This was one of those simple shooting problems that could be solved in a myriad of different ways. There were five IPSC targets and eight steel targets to engage. The problem was that shooters had to do it through, or more correctly around, five steel no-shoots which were strategically placed to make the shooters move to engage the targets. Everyone had a different idea about how to solve the problem, but in the end Canadian Wolf Hofmann had the best run.

Stage 7, "Officer Down," was not only sponsored by Glock, they also provided a very important "prop" for the stage. Ron Halpenny and George Buckalew shared CRO duties. The scenario stated that as shooters were heading home after a match, they would come across an officer who was disabled and under fire. Upon rushing to the officer's aid,

ALFARO ENTERPRISES

Custom Products and Services



**PROVEN WINNERS
of the 1992-93
STEEL CHALLENGE
and GOLDEN GATE
CHAMPIONSHIPS**

Congratulations to Matt Escobar
for winning the
1993 Canadian Steel Challenge

CUSTOM TUBES

- Shorten standard or large tubes with new lens, installation included for PDP 3 & PDP 2 \$45.00

CUSTOM SCOPE MOUNT

- Your exclusive design *P.O.R.

CUSTOM COCKERS

- Built to your specifications . *P.O.R

SCOPE MOUNT INSTALLATION

- Drill and tap frame \$45.00

- Phase 2 scope mount double legged \$99.95

- Weigand replacement \$99.95

- Hybrid \$99.95

- Ruger Mount for Mock 2 High Standard \$99.95



STANDARD COCKER \$29.95

LEFT HAND COCKER \$29.95

RIGHT HANDED COCKER \$29.95

T-HANDLE COCKER \$29.95

AR 15 RIFLE COMPENSATOR \$65.00

RUGER 10/22 EXT. MAG. RELEASE BUTTON \$35.00

(209) 847-7653

FAX (209) 847-7511

shooters were to grab the officer's gun and engage six steel targets. After clearing the officer's weapon, shooters retrieved their own guns from the trunk of the car and finished the rest of the course. Glock provided the match organizers with a Model 17 to use as the "officer's gun" and it performed flawlessly. More than 2000 rounds were fired with only one malfunction. It was cleaned twice and held its accuracy for the whole match. It was interesting to watch shooters who were used to optics and smooth triggers shoot a gun with open sights and a five pound trigger pull. Ron Avery won this stage.

The last stop for the shooters was Stage 8, "Between the Lines," sponsored by Wolf Bullets and designed by CRO John Aquino. Mike Digennaro won this 6-round speed shoot which required shooting through a simulated picket fence from three positions.

There was a tremendous amount of assistance and cooperation offered from the neighboring clubs in the section. While the Geneva Practical Shooters produced and administered the match, stages were designed, set up and manned by Pathfinder, Cortland, Western New York, and Rochester Brooks Practical Shooters. The Eastern Lakes Section is truly fortunate to have such a fine spirit of cooperation among its member clubs.

Range Master duties were shared by Cooper Buckalew and Bob Russell. They pooled their vast amount of experience and guided the match to a nearly flawless conclusion. There were no protests, breakdowns or long delays. They even managed to provide perfect weather for the match.

AREA 7 continued on page 80.



**CRAIG
CUSTOM**

ELIMINATOR **SERIES**

COMPETITION HARDWARE

1911's only \$129.95



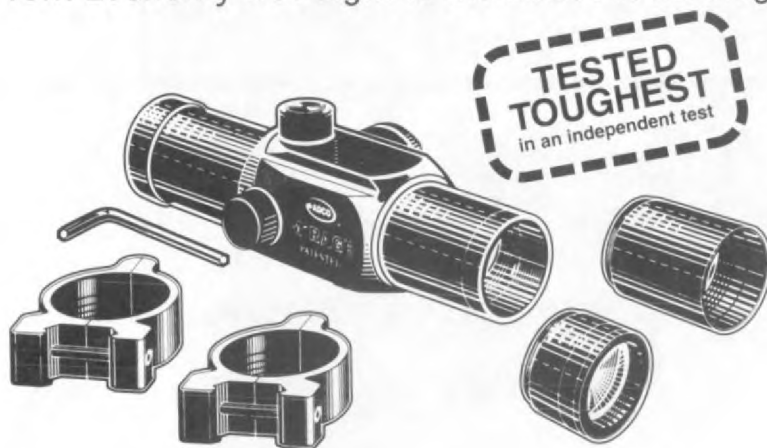
P9 / TZ's only \$99.95



Call or write for price list and info. **(316) 669-0601**
CRAIG CUSTOM GUNS 629 E. 10th
 Hutchinson, KS 67501

ADCO® MiRAGE™ "DOT" SAYS IT ALL!™

From Economy Dot Sight to the Latest Technology



TESTED
TOUGHEST

in an independent test

Whether it's the economy RANGER Red Dot model or the top of the line COMPETITION models in **Bright Red** or patented Multi-Color Red/Green Dot System, you'll be on target with ADCO MiRAGE.

MiRAGE sights come in compact 30mm and 1-inch sizes or in Super Wide 30mm versions for a full field of view.

When you're looking for an Electronic Dot Sight just say — **"ADCO MiRAGE..."** *Dot says it all!*

Ask your local dealer or gunsmith for ADCO MiRAGE sights. You're always served best by your local dealer or gunsmith.

For a color catalog and price list, please send a self-addressed stamped envelope.



ONE WYMAN STREET
 WOBURN, MA 01801-2341

AWESOME ARMS — AND THEY REALLY ARE!

Stan Olsen, L-626

Awesome Arms Inc., is owned and operated by one of the original 22 Grand Masters, Dave Dawson. Dave has lived in Orlando, FL, all his life. Early on he became interested in machinery and developed that interest into skills which have produced one of the premier scope mount. Long before the wide-body craze took over, he had done extensive work with the then new Para-Ordinance frames.

When scopes hit the market the rush was on. Every gunsmith from coast to coast had to have a mount to call his own. You can't fault people's enthusiasm, but the results have been mixed. The scope manufacturers had developmental difficulty, too. They worked diligently to enhance the design to eliminate problems associated

with IPSC shooter's use of their product, and they stood behind their products until the bugs were worked out.

The Awesome scope mount, however, is nothing short of awesome. The unique applica-

tion of a single-point dovetail mount has eliminated almost every problem that has plagued scope shooters with the exception of a dead battery. The mount attaches to the middle of the scope tube which alleviates



An Awesome pistol and scope mount.



DLASK ARMS CORP.

CUSTOM COMBAT HANDGUNS & ACCESSORIES



Complete Gunsmithing Service

IPSC

PPC

CARRY COMP

3 1/2 PORT COMP

\$29.⁹⁵

\$3.00 S&H



DLASK ARMS 1911 AUTO



ULTRA-LIGHT TRIGGER

Magnesium & Titanium
For Strength; Adjustable for Take-up and Overtravel

USA

P.O. Box 607
683 Peace Portal Dr
Blaine, WA 98231-0607

(206) 332-3202 FAX & Phone



® Authorized Warranty Service Depot

CANADA

Suite 19
7228 Winston Street
Burnaby, BC V5A 2G9

(604) 420-2353 FAX & Phone

HIGH PERFORMANCE MADE TO ORDER

JT THREDS exclusive Patented "Spool" system dials-in vertical lens angle adjustment for a custom fit.

Our unbreakable "Lifetime Guaranteed" nylon frames are available in fifteen assorted colors including five new handpainted "spatter" designs.

THREDS wrap-around lenses provide 100% UV protection, are manufactured from Diamonite[™] polycarbonate, are optically perfect and scratch resistant. Replacement lenses are available in fifteen shooters tints and four different sizes.

Look for THREDS, replacement lenses, and accessories at your local gun shop or call JT USA for a dealer near you.

JT THREDS, the competition eyewear of pros like Jethro Dionisio, Matt McLearn, Shirley Hamilton,

Valerie Levanza and the shooting teams of Caspian & Nowlin



SHOOTING DIVISION

515 OTAY VALLEY RD. CHULA VISTA CA 91911 6095 TEL: (619) 421-2660 #223 FAX: (619) 421-8160

\$62.95 as shown, all credit cards accepted. Dealer inquiries invited. *Attention Shooters: ask about our "Top of the Class" contingency program.

FIREARMS PERFORMANCE, INC.

Premium Quality & Performance at Reasonable Prices

Grand Champion CASPIAN 9X21



Basic Model
Casplan "Fat Gun"
Starting at
\$1895.95
Optional Features
Shown
McCormick-Tripp
also available

FIREARMS PERFORMANCE QUALITY GUARANTEE

If you feel that this is not the finest competition pistol you have ever held in your hand (parts, fit, tightness, finish, etc..) simply return the pistol to us, in the same condition that it was sent to you, for a full refund - it's that simple.

Basic Model
Stock Para Ordnance .45
Starting at \$699.95
Optional Features Shown

Please call or write
us for a quote on your
next gun.



The Ultimate Stock Gun
Para Ordnance .45

WE CARRY A COMPLETE SELECTION OF SHOOTING ACCESSORIES:

- C.P. Bullets
- Dillon Precision Reloading Equipment
- Chip McCormick
- Ed Brown
- Ernie Hill
- Safariland
- Wilson Combat
- Awesome Arms Scope Mounts
- SA Accessories
- Red Buff Products
- Tasco
- Hafner Shooting Bags
- Aimpoint

Beginner and Intermediate Level I.P.S.C. Training Taught by Experienced Shooters (New Shooter Development our Speciality)

FIREARMS PERFORMANCE, INC.

Owner: Bob Fort A-18197

HOURS:
Monday-Wednesday 10 - 6
Thursday & Friday 10 - 8, Sat 10 - 5

675 W. Ridge Pike • Limerick, PA 19468 • (215) 495-0714

the stress points associated with two-point mounts.

A second important feature is the ease of replacement. If your dot dies, a pre-zeroed replacement scope can be installed in about a New York minute. Two-point scope mounts are not as user friendly, and if a replacement scope is installed there is little hope of it being zeroed. Even the few single-point scope mounts that wrap around the scope tube have several screws to loosen and re-tighten and this causes a change in the point of impact. This brings us to a less critical aspect, removing the scope for cleaning. How many shooters have gone crazy trying to clean their guns without removing the scope? Not with this mount. The Awesome Arm's design was far ahead of and still leads the pack.

Businessmen and designers, if they're good, don't let grass grow under their feet. Dave didn't. Before he started his own business, he continually worked on, revised, and reworked his own pistol until it was truly one of a kind. The Awesome Arms Para-Ordnance pistol has almost identical dimensions to the 1911. The removal of metal from under the trigger guard and forearm area is done to optimize the gripping surface while mimicking the rounded shape of the 1911. In fact, the second generation Paras are so close to Dave's configuration, I almost wonder if it's not the chicken and egg story. The grips are covered with a special aluminum-coated grip tape that provides a firm gripping surface without bulk.

Closing the gap in the backstrap is a problem on high-capacity guns. Dave looked at this problem from the shooter's perspective. Why have panels to unscrew when disassembling

the gun? Why not make it like the 1911? Dave's innovative approach to this challenge was to precisely blend into the frame a Caspian beavertail which has two wing-like appendages that fit into the gap beautifully.

Dave generally uses Caspian slides that he modifies. The rear of the slide is fitted with decorative but functional cocking serrations. The ejection port is lowered to about .4" and tastefully flared back to allow clear brass ejection. Slide lightening is accomplished by cutting two 1/4" wide slots on top. The top rear of the slide is lightened by removing approx .28" from the rear of the slide to just behind the breach face.

The comp which Dave designed is a triple-chamber configuration. A couple of guys named Charles and Boyle developed gas laws in Physics work back when and those laws

work just as well in comps as they do in the science labs. The details are boring but the effects of the application of their laws in compensators is something to behold. If the correct gas expansion ratios are translated into proper dimensions when sizing each successive comp chamber, the expanding gas works efficiently to reduce muzzle flip. Also, the smoother the chamber walls and transition surfaces are, the better the gas flows. As you may have guessed, Dave got it right. Light bullets running at velocities of 1400 fps through a Nowlin barrel have the perceived recoil of a light .38 Special target load. The gun is finished with a 19-pound main-spring for quicker cycle time and, depending on loads, an 11- to 13-pound recoil spring.

Dave is responsive to the shooter's needs, comments, and

questions. Being one of the best shooters around improves his perspective on any product, not just his own. He has a drawer full of parts, and when someone asks what they are, Dave simply says, "Stuff I bought, made or modified that didn't work." It is difficult to find an easier-going guy with whom to do business. Dave builds all kinds of IPSC guns and can be reached at (407) 291-4106 or write to:

Awesome Arms Inc
6739 Gadwall Lane
Orlando, FL 32810

Tell him you saw it in Front Sight



**COMPETITION
CP
BULLETS
PROVEN**

NOW AVAILABLE FOR IMMEDIATE DELIVERY
the New Ultimate Option 009 Holster
from Safariland!



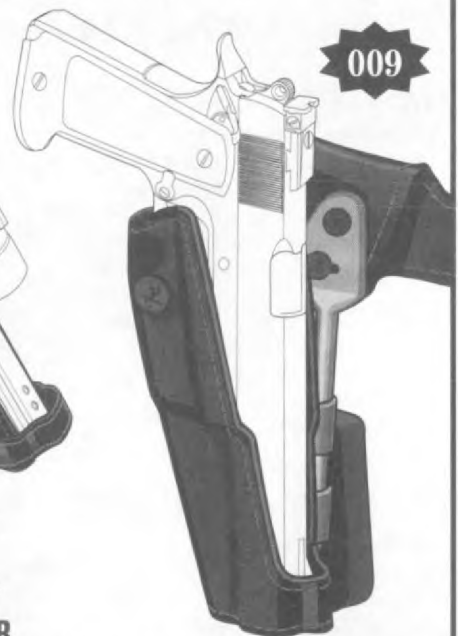
- 003 - Revolver Competition Holster
- 007 - Semi-Auto Holster designed for IPSC Limited Class
- 009 - The Ultimate for any type of Speed Shooting Competition for Semi-Auto

008 - Final Option Still Available

Call for a Copy of Our New Price Catalog
COD • Visa • Mastercard
1814 Mearns Road • Warminster, PA 18974

FAX YOUR ORDER (215) 675-7150 OR

FOR UNBEATABLE 24HR. ORDERING (215) 956-9595



SHOOTING WINDOW-WASHER STAGES

by Robin Taylor, A-19724

Window-washer stages have caught the imagination of stage designers since their appear-

ance at the 1992 Oregon Open. (Publisher's Note: This stage actually originated in South Africa in 1990.) As match photographer for the 1993 Northwest

Challenge, I had a chance to discuss the tactics of shooting this type of stage with several top shooters.

These stages require moving and shooting on a swinging platform. Cables allow the platform to sway in all directions making movement difficult for many shooters. Depending on the specific stage, the platform may have bungee cords to stabilize it or bumpers that limit the platform's movement — but sometimes they don't have either.

Maintaining your balance and keeping platform sway to a minimum spells the difference between the top shooters and the also-rans at matches where this type of stage is used.

Shooters who have never shot a stage like this stand to lose a lot of points when compared to someone in the know. The Northwest Challenge was no



Kerry Lathwell gets a feel for the movement of the window washer platform while Murray Gardner observes at the Northwest Section Championship.



We cover your gun needs

from one end to the other!

The New TALON Mount

- For the EAA Witness frame
- Fits competition frame without drilling & tapping
- Drill & tap 3 holes for standard frame
- Designed for PDP4 - A huge field of view!
- Also works with PDP2, PDP3, Shannon
- Correct angle (Bore to Scope) built in
- Clears slide by .09 inches, weighs only 1.5 oz
- CAD/CAM designed - CNC machined
- Aerospace quality aluminum
- Hard anodized black standard
- Plain silver or special colors available
- Instructions and hardware included

Suggested Retail \$59.95

The HARD-BUTT \$8.25

MAGAZINE BOTTOM

- Increases magazine capacity +3 super, +2 .45
- Fits Para-Ordnance pistols

*Prices subject to change without notice.
Prices do not include sales tax or shipping.
Please call for total amount.*

*We also manufacture
a trick steel Compensator!
We call it the Cow-Comp
because there's no bull!*



*We offer unmatched quality
in all our user-friendly parts!*



EAGLE
MANUFACTURING & ENGINEERING

2648 Keen Drive • San Diego, CA 92139
619-479-4402 • Fax 619-475-7672

MADE WITH PRIDE IN THE U.S.A.!

exception. Talented but inexperienced shooters lost several seconds wobbling their way back and forth, or wobbling a shot into a no-shoot when their balance shifted unexpectedly.

Matt Burkett maxed the window-washer stage at the Northwest Challenge by a healthy margin.

"I love this stage," he said. "Keeping your weight low takes the wobble out of the board."

In practice, Burkett had shot the stage in as little as 4.8 seconds. I watched as he ripped out a 5.35 second run to win.

Tom Kettells also had some insights about how to shoot from the platform.

"You can take control of the platform by making it swing one way, and then the other," he said. "If you noticed I pushed it one way, then stopped it with my legs."

Kettells walked me through the motions he used as we stood behind the RO table.

"Just turn around and walk right to (the port). Don't sidestep. When you pick up your foot to sidestep you end up with this kind of a motion," he said as waved his arm in a figure eight.

"Don't stand erect," he coached. "Bend your knees, don't let it control you. You control it."

Despite missing the reload, Kettells shot the stage in a smooth 6.39 seconds.

Nine-time Canadian champion Murray Gardner had been on this type of stage before. Gardner was all confidence going into this stage and he explained his strategy.

You have to "stabilize the platform first, if you can, then stabilize your upper body," he said.

Unfortunately, Gardner slipped on his ejected magazine and finished with a time of 7.56 and seven points down.

"Too many," he said with disappointment.

Shooters at the Northwest Challenge tried everything they could to stabilize the platform. Some shoved their torso through the ports, but lost time getting back out again. Others slid their backsides along the 4x4 guardrail, gaining stability, but losing time and smoothness in the transition.

Shooters who were most successful stood well back, taking care not to touch the rails.

"You don't want to touch anything," emphasized Burkett.

"Kettells agreed, but also said "you got to play around on it" to find what works.

"It works different for everyone," Gardner added.

While the window-washer stage may work differently for everyone, there was one very obvious trend. Everyone who did well stayed away from the windows and rails, stabilizing the platform with their legs. Those who didn't, didn't.

USPSA GUN RUG

\$24.00

+ \$2.50 S&H

Special Purchase
BUY YOURS TODAY!

Navy blue, heavy-duty canvas bag with dense foam lining. Richly embroidered USPSA logo on front. Includes shoulder strap, zippered front storage pocket. For semi-autos with up to 6¼" barrel. Awarded at '92 Nationals. Features inside holster and double magazine pouch.

Order From:

USPSA STORE

P.O. Box 811

Sedro Woolley, WA 98284



A Zone Bullets

Quality Hard Cast Bullets

2039 Walter Rd.
Billings, MT 59105

Toll Free:
(800) 252-3111



Accept *nothing* but the **Finest**. From now until **January 31, 1994**, we are offering to pay **one-half** of all **regular** UPS freight costs to anywhere in the lower 48 States.

YES! We pay half the freight! We want to take the sting out of the holidays. Just mention this ad to receive your freight discount. Compare our bullets to any other cast product and you will see that our **Custom Alloy & Quality Control** are exceptional. Brinell Hardness of **18-19** and **Hi-Tech Lube** (on the bullet, not on the bottom of the box) allows **1500+ fps** without leading. Prices start as low as \$30/M. Quantity discounts start at 5M, mixing for quantity OK. **Call now** for a free brochure or inquiries into pricing on our entire product line.



9/38 Sup
125 Gr.



9/38 Sup
140 Gr.



10M/40
155 Gr.



45 ACP
155 Gr.



Bullets are our **only** business

ZIMBABWE SAFARI:

The lessons of Practical Shooting

By Andy Hollar, L-285

From June 17 through July 1, 1993, my father, Vic, and I en-

joyed an African Safari which was "the hunt of a lifetime." Years of dreaming and weeks of planning went into the trip



Msebele, Vic and guide Wayne Grant display Vic's Water Buck. Wayne is a USPSA member who operates Thungatha Safari Group in Zimbabwe.

which came and passed all too quickly. By all our measures, the hunt was a very successful one. Did 10 years of practical shooting contribute to the success of the hunt? Are there lessons and skills applicable to both hunting and competitive shooting? Will practical shooting continue to be a challenge and generate excitement after facing an 1800 pound Cape Buffalo that would just as soon run over you and your professional hunter? My answer to these questions is an unqualified YES.

Notes from my journal: *We arrived in Victoria Falls, Zimbabwe, about 4 p.m. June 16. We were met by our professional hunter (PH), Wayne Grant, and his trackers and porters. Wayne is a fourth generation white African who has had his PH license for 13 years. There was Peter Msebele, the native head tracker, and Rod Brimm, an American "observer" who was to accompany us on many of our hunts. Two other trackers and the camp cook also piled into Wayne's Toyota Land Cruiser for the 30-mile trip to the Metetsi area, the site of our first camp.*

Lesson 1) Prepare - Practice - Practice - Practice. In the weeks prior to the hunt, I made countless trips to the range to test loads and practice with the Ruger African 375 H&H at the armor plate IPSC target 200 yards away. In between trips to the range were hours spent at the reloading bench. I was confident and comfortable with the 300 grain Barnes "X" bullets at 2450 feet per second. I knew I could hit the target off-hand at 200 yards and the drop at 300 yards. The weight of the rifle

I.P.S.C. is GUN RACING

Custom Made Race Ready Pistols

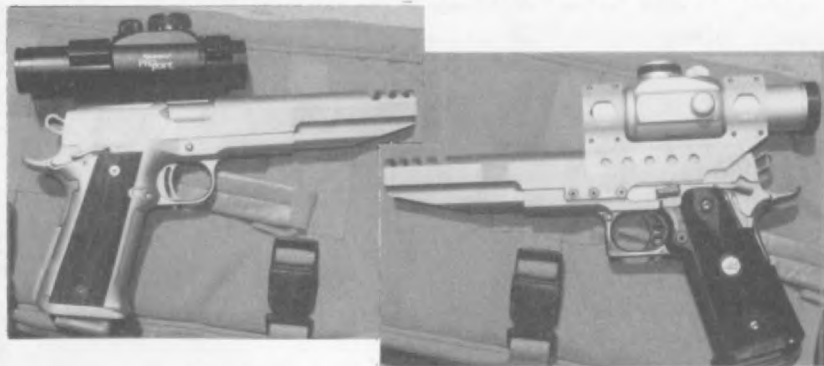
Compare Prices First - Then Call Us

THE GUN RACING SUPPLY COMPANY, INC.

"The Discount Supplier of Your Shooting Needs"

727 Brea Canyon Road, Suite 16 • Diamond Bar, California 91789

(909)468-0491 • FOR ORDERS Fax (909)468-0494 • Toll Free (800)777-GUNS



We Carry In Stock All Major Brands

Caspian, Para Ordnance, Chip Mc Cormick, Springfield Armory, European American Armory, Smith & Wesson, Tasco Scopes, Red Bull, Safariland, Nowlin Barrels & Parts, Behlert's Parts, W.C.P.I.

Barrels & Parts, D & J Bullets, CPMi Parts, Ed Brown Products Special Parts for P9 & 1911

Call For The Lowest Prices Available

was comfortable and the trigger was a smooth, crisp three pounds. The rifle had been fully glass-bedded and could hit the 1.5" ring at 100 yards with a dead cold barrel and keep punching them there after the fourth round. The rifle was as natural to handle and shoot as my old 1911.

The first day: *An excellent meal was served about 8 p.m. and we made it up to hunt cape buffalo first thing in the morning. No time to worry about jet-lag or unpacking or what to wear or malaria pills or anything but going to sleep (which was impossible). At 6 a.m. "Luke" woke us with hot water, instant coffee and cookies. At 6:30 we were again in the Land Cruiser, this time looking for buffalo tracks. Ten minutes from camp we crossed a number of tracks and we started on foot for our first hunt. I followed Wayne, who followed Msebele, who tracked buffalo for two solid days. We could only see 40 to 60 yards into the bush and it was exciting. The first time Wayne stopped to inspect the buff with binoculars, I could see absolutely nothing! How does a 2000 pound beast hide in the bush? Very well! We found a herd of about 200. Wayne glassed them all looking for a big buff — he wanted at least a 38" spread on a prime bull. They all looked huge to me. One appeared to be 40 inches, which is an excellent trophy for this area of Africa. The problem was finding him and getting a shot. We walked about 12 miles over rough ground that first day. The best technique appeared to discover their direction of travel and set an ambush at a down-wind site to wait for the herd to walk past. We could then take our time and pick the specific animal we wanted. Sounded easy ...*

** ATTENTION **

Handloaders-Competitors-Dealers

PREMIER HANDLOADS

Now Offers

ACCU-CAST BULLETS

Match Grade Hard Cast Bullets

9MM 125g CON	25.00	41 CAL 215g SWC	35.00
9MM 135g RN	27.00	44 CAL 240g SWC	36.00
9MM 147g FP	27.00	45 CAL 155g SWC	34.00
38 SUP 135g RN	27.00	45 CAL 185g SWC	34.00
38 CAL 125g FP	26.00	45 CAL 200g SWC	34.00
38 CAL 148g DEWC	26.00	45 CAL 225g FP	34.50
38 CAL 158g SWC	28.00	45 CAL 250g FP	37.00
40/10MM 155g SWC	30.00		
40/10MM 175g SWC	34.00		

Custom sizing available.

All prices per thousand-actual shipping cost extra. VISA & MC.

High Performance NEW Match Ammo: Quantity Prices Available.

223 REM 69g HPBT	16.50/50
223 REM 80g HPBT	7.00/20
308 WIN 168g HPBT	10.50/20
30-06 168g HPBT	10.75/20

Wide assortment of pistol callbers available at great prices. CALL! Dealers send FFL for price list.

Selection Expanding - Call for Latest Info.

PREMIER HANDLOADS, INC.

3251 Winsted Rd. Torrington, CT 06790 Tel 203-482-1971
In Connecticut Call Toll Free 800-281-6457



ELIMINATOR SERIES

COMPETITION HARDWARE



Tripp / Craig Eliminator

**FALL
BLOWOUT
AVAILABLE NOW!**

\$2095.00 Complete
Reg. \$2495.00

Who has the #1 competition pistol today?

Ask one of our pros, Ron Avery or Jamie Craig!

They'll give you the right answer the first time!

Call or write for price list and info. (316) 669-0601

CRAIG CUSTOM GUNS 629 E. 10th
Hutchinson, KS 67501

Rt. 1,
Box 223-A1
Flatwoods, KY 41139



Don Fraley,
Pistolsmith
(606) 836-2663

HE RISKED IT ALL!

- HE LEFT A GOOD JOB.
- HE WENT OUT ON HIS OWN.
- HE BUILDS HIS OWN GUNS.
- HE LOADS HIS OWN AMMO.
- HIS REPUTATION OF BEING A PISTOLSMITH AND MEMBER OF THE U.S. GOLD TEAM IS ON THE LINE.

The only risk he didn't take was the quality of the bullets he shoots. He chose D & J and the risk paid off!

HE IS MATT McLEARN

1993 U.S. NATIONAL
IPSC CHAMPION

***Champions have a lot in common --
Champions take risks --
But one thing they can't risk is the
quality of their bullets.***

Jethro (the Jet) Diniosio - Three time World Speed Shoot Champion
Two time World Action Shoot Champion
1992 Ernie Hill Desert Classic Champion
1993 American Handgunner World Shooting Champion
1993 Steel Challenge Champion

Julie Nowlin - 1993 American Handgunner Women's Shootoff Champion
Betty Jo Ratliff - Member of 1993 U.S. Gold Team

*D & J congratulates these professionals for their outstanding achievements.
D & J - World Proven Accuracy*

Lesson 2) Conditioning. At 51 and too many pounds, it was going to be a gruelling hunt without some training. Thirty minutes a day on the Nordic Track machine for weeks before the hunt helped. I would like to have had the discipline and the time to do much more. Practical shooting and hunting are physical events. Undertaking either without as much physical strength and endurance as one can muster is a mistake.

The second day: *We left camp at 3 p.m. and drove to where the buff herd we spotted this morning bedded down. We walked and ran to set three ambushes before one worked. They moved into range and Wayne spotted the bull. At first he moved behind a younger animal and seemed to stand there forever. I was using a small tree for a gun-rest; Wayne was behind me. I figured we were just in for more bad luck. Then the bull stepped casually into the clear and Wayne said, "Take him." He was quartering away at about 60 yards. The herd had started to move off and the clearing through the bush was small. It had to be quick! I placed the cross-hairs behind the front shoulder, pressed the trigger, and pandemonium erupted.*

Lesson 3) Focus. Someone said, "The ability to focus is the key to performance." I didn't realize it in the instant of the shot, but practical shooting had trained me to completely shut out the knob thorns and other animals in the herd, everything but the sight and the trigger. After spending two days with my senses razor sharp for every sight, sound and movement, the experience of perfect focus and concentration was incredibly rewarding. The intense, calm feeling was euphoric, not unlike



Andy and the only Cape Buffalo taken on the trip.

those few match stages where it all finally comes together!

End of the buffalo hunt: *The 80 or so buff moved through the brush snapping 4" trees and generally raising hell. Wayne asked how it felt and I said, "It looked pretty good when the*

shot broke." We waited about three minutes, and it was time to go to work. We moved downhill toward the place where the buff had been standing. We walked parallel to each other and make no mistake, I was a tense fellow! A wounded buff

Rx **TZ/P9** Rx
AMBI FIX

DROP IN TOOL STEEL

* SOLID SHAFT CONSTRUCTION *

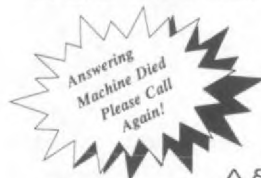
ELIMINATES FACTORY DESIGN PROBLEM

WARRANTY

2 YEAR - 20,000 ROUNDS

\$69.00 AND A STANDARD SAFETY

R & D STARTED ON: CASPIAN XTRA WIDE AMBI,
MINI 14 MAG RELEASE



AMBI DR.

1-803-769-5857
EVENINGS ESOT
A & T ENTERPRISES INC.
2522 S. LONGBRANCH DR.
CHARLESTON, SC 29414

TOM
NIKITAS





I hope he's saying hello!

had killed a PH and his client less than a year ago in Zimbabwe. Wayne carried his 460 Weatherby magnum and I was fairly confident. We moved about 30 yards past where the bull had been standing when we

heard him bellow. In another 100 yards we saw him lying on his side. Wayne had me put two solid shots into him at about 20 yards, which later proved to be unnecessary.

Lesson 4) Safety. Practical shooting and NROI training has made firearm safety my second nature. Not once in ten days of living around loaded big game rifles was there a concern or problem. How easy it would have been to ruin a perfect hunt with a stupid accident. The consequences of unsafe firearms handling under tense conditions in Africa, or anywhere, could be disastrous. Where did I learn and practice safety - safety - safety? Practical shooting! Thank you, USPSA!

Back to the journal: *The first shot with the 300 grain Barnes "X" bullet had blown a 2" square hole through the buff's heart and broken the far shoulder. He was the large bull we had spotted the first day, recognized by a white stain on its face and a measured 41 inch spread!*

He should meet the Safari Club International Club minimum for the record book. Not a huge trophy, but a very satisfactory one. We recovered the bullet which still weighs 244 grains. The animal was photographed and field-dressed before we winched him onto the Toyota. The porters took the stomach and we had the organ meat for dinner that night. We later dined on select cuts which were delicious. The carcass was butchered and the hunt relaxed somewhat for the next eight days.

Lesson 5) Practical shooting, hunting, plinking, loading ammunition, cleaning the guns, working up loads, traveling, fussing with the gunsmith, sweating the shots, planning strategy, smelling gun powder ... God, I love it!



Les Baer Custom, Inc.

3737 14th Ave. • Rock Island, IL 61201

Phone 309-794-1166

24 Hr. Fax 309-794-9882

Member American Pistolsmith Guild - American Handgunner 100 Club - Highest Quality Workmanship - Free Catalog - Dealers Send F.F.L. And Tax Permit For Pricing - Outside U.S.A. We Export Around The World - Our Prices Include All Components And F.E.T. - Guaranteed Accuracy! We Normally Stock Our Custom Pistols For Immediate Delivery - Our Turn Around Is The Best In The Industry - We Manufacture The Best Match Grade "Forged" Slide And 1911 Frame On The Market - The Best Finish - The Straightest Rails - Consistent Hardness - Distributors For Caspian - C.M.C. - Nowlin Barrels - Adco Scopes - Red Buff Mounts - We Manufacture Most 1911 Parts - Grip Screws - Bushings - Compensators - Slide Rackers - Dovetail Front Sights - Pin Sets - Full Length Rods - Ejectors - Mag Catches - Sights - Spring Sets - Extended Mag Buttons - Match Barrel Bushings - Your 1 Stop Source For Your 1911 Needs - Complete List In Catalog - Custom Wood Grips - Quality 1911 Style Parts - ALL MADE IN THE U.S.A.



Ultimate Master
H.C. Para-Ordnance
Wanna Go Racing!
\$2,695.00



BAER
Premier II
No Frills Match Grade
Pistol - Loaded With Options
\$1,005.00



\$1,437.00

Scope Model Shown (High Luster Blue) - Les Baer Competition Top End - Complete Ready To Shoot - A Ready To Install Unit With Our Match Grade Slide - Nowlin Supported Chamber Barrel - Les Baer Tapered Cone Thripole Port Comp - This Precision Unit Is Test Fired And Ready To Install On - C.M.C. - Para - Casplan Or 1911



Limited Class
Shooters!
The Ultimate Master
5" Para-H.C. .45 ACP
Every Option - WOW!
\$2,145.00



Ultimate C.M.C.
Carbon Fiber Mount
TASCO or ADCO Big Dot
Scope - Full House! Load &
Make Ready!
\$2,675.00

THE COARSE HANDGUNNING GLOSSARY

by Ivor E. Handle ("Plastic Mac")

Editors Note: This glossary was first published in DVC, the United Kingdom Practical Shooting Association's journal. The authors are Rob Adam, Jack Andrews, and Tony Walker. A few of the terms used may be unfamiliar to U. S. readers. They are:

Newcastle Brown Ale - A strong English beer.

Vindaloo - An extremely hot Indian curry dish.

Biryani - Another type of Indian curry.

National Health Service - The English free medical service.

Poofter - An English derogatory term for gays.

Ammunition

Stuff that makes a bang in your gun. Best when purloined from other club members rather than bought.

Auto

Vehicle used to load self up to the range or the pub.

Auto-Rim

Things your car tires sit on.

Barrel

A reasonable amount of beer.

Beavertail

Retarded adolescent who chases after young ladies.

Belly Rig

Holster used by people whose arms are too short to reach around their bodies.

Black Powder

Different color propellant from the gray and green stuff you normally use. Makes a bigger bang but rusts your gun.

Blowback

Effect of six pints of Newcastle Brown Ale, plus a Vindaloo curry.

Blue

A preferred color of video movie.

Bolt Action

Description of movement made toward the pub door when it's your round.

Bottlenecked

The Newcastle Brown Ale has been opened.

Brass

Used by Northerners to purchase Newcastle Brown Ale.

Breaktop

Conversion to solid-frame revolver effected by a terminal overdose of Bullseye.

Broomhandle

Used to hold head of broom when sweeping up the remains of handgun (see Breaktop).

Browning

Powder used to make gravy.

Bullet

Bit of lead at the front of the ammunition which usually misses the target.

Burst Fire

See Breaktop

Caliber

Low alcohol ammunition.

Case

Receptacle for clothes when travelling to a shoot.

Centerfire

Shooting at the middle of a target (for a change).

Chronograph

Device for turning shooters into liars.

Compensator

Barrel weight fitted to amplify the noise of the gunshot.

Delayed Blowback

Effect of Newcastle Brown and Biryani in the middle of the night.

Disconnecter

Man sent round to see you when you haven't paid the gas bill.

Double Action (DA)

Two people offer you a piece of the action.



**31367 Dunn Rd.
Denham Springs
Louisiana 70726
(504) 667-0447**

U.S. 1993 Prices
\$199.00 ea.+ S&H
UPS shippable

Multi-Presentation Target



◦ **Four Different Target Presentations With The Same Stand**

◦ Machined Parts	◦ Field Tested
◦ Ball Bearing Pivot	◦ 100% Reliable
◦ Adjustable Speed	◦ Consistent Performance

C—M[○]RE SYSTEMS

“Tomorrow’s Technology Today”

*Ecstatically
Congratulates*

MATT McLEARN

1993 USPSA National Champion
1993 IPSC World Champion

Thank you for
your imagination
inspiration
insight
and for your faith and conviction
that created
the perseverance to prevail,
and most of all
for your friendship
and for being yourself.



Celebrating Ten Years Service To The Competition Community!



Caspian
ARMS LTD.
proudly salutes the following



1993 USPSA NATIONALS & WORLD SHOOT X CHAMPIONS

- ★ USPSA Nationals & World Shoot Match Winner MATT McLEARN
- ★ USPSA Nationals & World Shoot High Lady KAY CLARK-MICULEK
- ★ USPSA Top Cop, SOF 3-Gun World Champ BRUCE PIATT
- ★ USPSA High International JETHRO DIONISIO

THE WINNING COMBINATION



**"THE FRAME
THAT WINS
THE GAME"**

2nd GENERATION

ULTRA THIN RECOIL REDUCING
"FEEL OF STEEL" -
COMFORT, RELIABILITY AND STRENGTH
OTHER FRAMES CANT MATCH

BARSTOCK SLIDE

SUPER STRONG
EXTREMELY PRECISE



HYBRICOMP SYSTEM

INCREDIBLY EFFECTIVE BLEND OF COMPENSATOR TECHNOLOGY

NOW DISTRIBUTING THE SENSATIONAL NEW C-MORE SPEED SIGHT

FREE COLOR CATALOG - 14 N. MAIN ST., HARDWICK, VT 05843 • 802-472-6454 • FAX 6709



Dry Firing

Forgetting the six pack before setting out for the range.

Dum Dum

The club idiot.

Ejector

The pub bouncer.

Extractor

National Health Service Dentist

Fullbore

Club reloading expert explaining in great detail how he lubricates bullets (for the nth time).

Galling

Effect of listening (yet again) to club fullbore.

Gamesman

A shooter who looks through the rule book for loopholes.

Garand

Japanese expression for one thousand dollars.

Gas Operation

See delayed blowback

Gatling

Term used when shooting a gat (1920's gangster speak).

Glaser

Man who comes to repair your windows after you have been

smoking and reloading at the same time.

Glock

An Austrian make of Tupperware, used for storing large quantities of ammunition.

Glockenspiel

Selling pitch used by gun shop salesman.

Grips

See delayed blowback

Gun Shop

A place where shooters gather for free coffee.

Handcannon

Pistol whose muzzle energy in measured on the Richter Scale rather than with a chronograph.

Handload

Putting ammunition in the gun yourself.

Headspace

When your shooting hat is too big.

Heckler & Koch

Disparaging shower room comments made by German shooters.

Investment Casting

Making money by pouring lead into bullet molds and selling the results.

Magnum

Measure of champagne used by wealthy club members.

Major Caliber

Peculiar ammunition used by ex-military shooter.

Malfunction

The second time you couldn't do it the first time.

Mannlicher

Popular female member of the club.

Mauser

German club cat mascot.

Minor Caliber

Ammunition used by children.

Muzzle Energy

Renewed vigor gained after lunch.

Muzzle Loading

Eating lunch.

Peacemaker

Committee member who solves inter-sectional disputes.

Pepperbox

Container for condiments.



- Custom 1911 style pistols for I.P.S.C.
- Custom tactical & defense carry guns
- High capacity I.P.S.C. pistols using Caspian, Para, and McCormick frames
- LOSIE Custom** slide rackers
*Standard, Bomar, Lo-Profile
Specialty rackers available*
- Bullseye competition pistols
- ★ **NEW** "limited" class pistols
- Finishes include:
Teflon, Moly Kote, and Bluing
- Combat style shotgun conversions for civilian & law enforcement use



LOSIE CUSTOM

Swart Hollow Rd, Box 152
Oneonta, N Y 13820
(607) 432-2664

SCORE



KEEPER

HOW TO USE "SCORE KEEPER"

1. Fill in shaded area (including number of A's, B's, C's, D's, misses, no shoots procedures and the time) after you sign your score sheet.

2. Calculate your hit factor by adding up total points earned, divided by time. Points earned are as follows:

	A	B	C	D	M/NS/P
MAJOR	5	4	4	2	-10
MINOR	5	3	3	1	-10

3. After the match director has posted each stage results, write down stage points you and your competitors have earned for each stage. The shooter with the most stage points at the end of the match wins.

(For example: For stage 1, you shoot 15 A's, 8 C's, and 1 miss, while your time is 12.45 seconds. If you are using major loads, your score keeper score sheet should look like the photo above.)

AVAILABLE AT:

DILLON PRECISION & DENNY'S SHOOTER'S SUPPLY

OR SEND CERTIFIED FUNDS TO:

COMPETITION SUPPLIES

401 E. VALLEY BLVD. #101 • SAN GABRIEL, CA 91776 • (818) 572-8352

Pepper Popper

Rather spicy illegal stimulant.

Percussion

Effect on the brain from too much Blue Dot.

Pin Shooter

One who enters matches in order to obtain a souvenir hat pin.

Poofter Loads

Any caliber of ammunition smaller than the one you use.

Powder Horn

Effect of too much inhalation of illegal substances.

Power Factor

The possession of photographic negatives showing the club chairman in flagrante delicto.

Power Floor

The club committee room.

Practical

A form of shooting purporting to replicate real-life encounters which in real life would render the shooter 'real dead.'

Primer

Basic Latin textbook with no Page 3 girlie picture.

Pump Action

The method by which beer is drawn from a barrel.

Pyrite

Man who sells you a blue video.

Racing Gun

Pistol designed to break under the pressures of intense competition.

Reloading

What owners of high-capacity pistols don't have to do very often.

Rifling

Searching someone else's shooting bag when you run out of ammo.

Rimfire

The peak of your shooting hat is alight.

RO

A Japanese greeting on answering the phone.

Roller Locked

Wealthy club member has lost his car keys.

Round

Someone else's turn to buy the drinks.

Ruger

A Japanese Luger.

Sear

Burning sensation on body during reloading conflagration (see Glaser).

Sear Spring

Sharp leap backwards from reloading conflagration.

Single Action

One more than the number of sensible actions the Home Office is capable of.

Slide

Inclined slope for small children.

Smallbore

Slightly less tedious than the Fullbore.

Smokeless Powder

Reloading component which decreases cigarette consumption.

Smoothbore

An Old Etonian committee member.

Tanfoglio

A yellowing piece of parchment from the Dead Sea Scrolls.

Toggle Lock

Fastening your duffle coat.

Tommy Gun

Sub-standard semi-auto rifle used by British Army.

Trigger Cocking

Alternative one-fingered salute.

UZI

Question asked in club before a new member is introduced.

Velocity

Never applied to your speed of buying a round.

Wadcutter

Effect on your wallet of replacement pistol (see Break-top).

The Choice of Winners.



"...I wouldn't think of using anything else in my custom Caspian pistol. In competition, a few drops will make the difference!"

*Paul Frankfurter, Jr.
Winner C-Class 1993
Miller Invitational*



1-800-639-1789

Triple-S Competition Lubricant

"It's what you need for speed."



I KNOW WHAT TO DO

(or, Ernest Goes Shooting)

by Wayne Johnson, A-15352

Well, the big day finally arrived. I was about to shoot my first match. Of course, I had no idea what the letters IPSC stood for and no one in the crowd could help me with the meaning, but I was shure it was something good, Some Swedish word, like girls or meatballs, I think. I had prepared for two months to shoot my first match and I was fairly shure that I would have no trouble winning.

In my two months of practice, I had gotten pretty good at hitting bottles, beer cans, and clumps of dirt. I had fired about three hundred rounds of ammo and my gun had worked pretty well except for the occasional (well, four or five) jams per box of ammo. I had with me all the necessities: food, gun, fifty rounds of ammo, food, holster, magazine, food, cotton for ears, a roll of toilet paper, food, and a camera to take my winning pictures. Boy, I was set!

The match started off with a man in a shirt with RO printed on it telling the shooters about the course of fire and asking if we had any questions, but I already knew what to do, so I sort of skipped most of it. Then he said that he expected everyone to help pick up brass, paste targets, and reset the steel. Well, after all, I paid a whole \$10 to shoot this match and I saw no reason to have to work too, so I just pretended not to hear that part.

After the man finished with whatever he was saying, we proceeded to go to each stage so the man could tell all the shooters that didn't know what was going on how to shoot something. After the man finished

talking, the shooters were put into squads and the match started.

Each shooter competes in a certain class. I was put in N/S class which I figured must have meant "naturally swift" because earlier that day I had been showing some of the guys my fast draw until some really

rude guy came up and told me that I couldn't wave my gun around and point it at people. What a grouch!

Anyway, we started the first stage and I watched as several shooters went through the course of fire. Boy, were they lousy! They were really slow and took great care to hit each



Rifles



Step into the 21st century

- * Custom International Upper Receivers
- * Super Accurate Tack Driving Barrels
- * Ultra Efficient Compensators
- * Precision Engineered Floating Handguards

Congratulations Team Evolution

1993 Western Div. STC - Industry Champions
1993 Wily Coyote 3 Gun "A" Team Champions

? Do you need match rifle advise?

Call Our Experts
801-975-0717

Evolution Rifles 3810 So. Redwood Rd. # 1114 Wes: Valley City, Utah 84119

of the targets in the center. Talk about boring! Well, I was next, and I was going to show them how to shoot.

As I stepped up to the first shooting position, I noticed that the temperature started to rise and the ground began to shake. The man with the RO on his shirt asked me if I had any something, but he was mumbling so badly I couldn't understand him through the cotton in my ears. By now the heat was terrible and the ground was shaking so much my teeth were beginning to chatter. Then he said to nod something and the buzzer went off which surprised me because I wasn't ready. I gathered up my wits quickly and commenced shooting the stage. I must say that my speed was impressive although I still don't know why the people behind me fell to the ground when I had to turn around and shoot some of the targets that I had

run past, and that guy with the RO on his shirt was behind me everywhere I went, blocking my gun and preventing me from pointing it where I wanted to. I could have gone much faster if he had just left me alone. At the end of the stage he got really irritated just because I fired a round into the air after I had dropped my magazine.

After the targets were scored, I could tell the rest of the shooters were impressed just by the way they were shaking their heads. I ran the stage faster than any other shooter and except for the fifteen misses and twelve hits on the white targets that no one told me not to shoot, I was pretty happy with myself.

At the next stage, the temperature had cooled down a bit and I decided to shoot first so the rest of the guys could get some idea of how to run the stage. I must say that I was magnificent. My time was un-

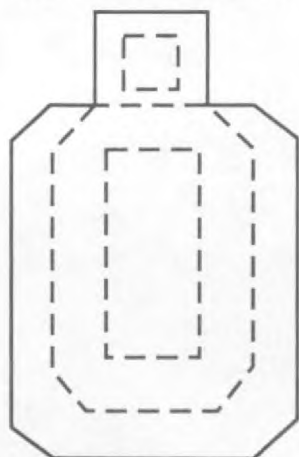
beatable, and except for the twenty PE's whatever they are, I was perfect.

At the last stage, I figured I could slow down a little as I was sure that I had a comfortable lead in the scoring department. After watching several people run the stage, I decided there was a better way to run it. I started the stage with my usual grace and I am sure I would have won the match if it weren't for some obscure rule about discharging my gun at the foot of the man with the RO on his shirt. Talk about being picky! With that kind of attitude, I think I will take my shooting skills elsewhere! By the way, anybody know what a Dee-Cue is?

Seriously, though, people *should* pay attention at local matches and shoot them for the enjoyment they were meant to give. Keep smiling! It means a lot! 🦧

YOUR TARGET HEADQUARTERS

OFFICIAL I.P.S.C.



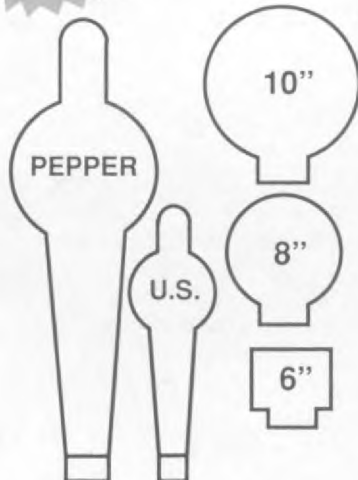
- CLEAN CUT & CRISP
- TAN WITH WHITE BACK
- PACKED 50 PER BOX
- IMMEDIATE DELIVERY

100.....45¢ EA.
500.....40¢ EA.
1000...36¢ EA.

PLUS SHIPPING
TAN TAPE...\$2.00 ROLL



PRACTICE PAPER POPPER & PLATES



- NO LEAD SPATTER
- IDEAL FOR INDOORS OR RESTRICTED RANGES
- EASY TO USE
- NO HEAVY STEEL
- SPECIAL STAPLE TABS
- ECONOMICAL
- FULL SIZE
- BOXED QUANTITIES
- QUANTITY PRICE BREAKS

PEPPER POPPER. 250 FOR .55 EA.
U.S. POPPER..... 250 FOR .32 EA.
10" PLATE..... 250 FOR .23 EA.
8" PLATE.....250 FOR .20EA.
6" SQUARE..... 250 FOR .15EA.

FOR MORE INFORMATION CONTACT

STONE CONTAINER CORPORATION
TEMPLE, TEXAS 76501

1900 C INDUSTRIAL BLVD. • 1-817/778-4837 • P.O. BOX 847

FOR HIGH PERFORMANCE SPORTS PRODUCTS

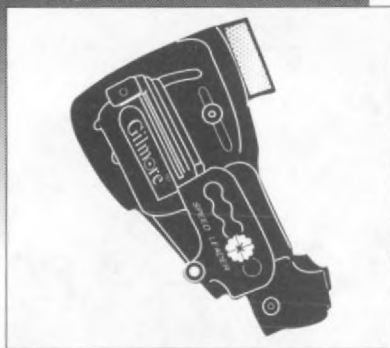


**FOLLOW
THE
LEADERS**

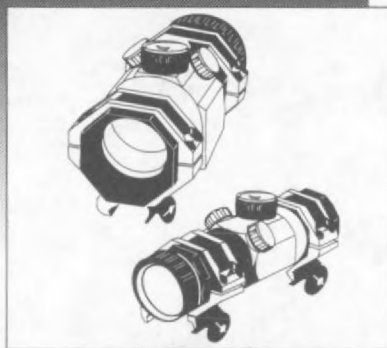
GilmoreTM

**Designed,
Manufactured and Tested
By Shooters For Shooters**

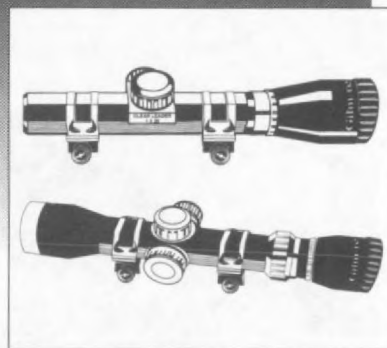
**Speed LeaderTM
Fully Adjustable
Competition Holsters**



**Red LeaderTM
Electronic Sights**



**Clear LeaderTM
Optical Scopes**



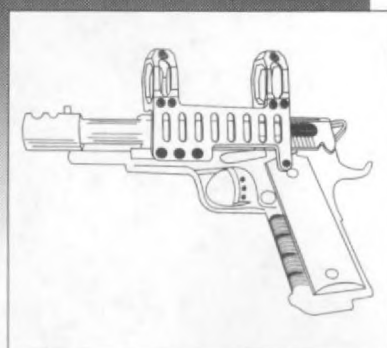
**Laser LeaderTM
Lasers & Mounts**



**Vision LeaderTM
Interchangeable Lens
Sport Glasses**



**Ring LeaderTM
Scope Mounts**



Presented By Bianchi®

For Gilmore Master Series Products, Contact Your Local Distributor, Or Call 1-800-477-8545.

For Technical Assistance Call 1-918-250-4867.

BALANCING POINTS AND TIME

by Steve Munden, A-20506

A beginning shooter sees a good competitor take an extra shot at a target on a stage. When the scorer gets there, he finds two Cs and an A; the newcomer asks the shooter why he took the extra shot. The veteran explains that he was off balance when he took the first two shots and dumped another one just for good luck. How do you know when the extra points will be worth the extra time? The veteran may not have a good answer, just a feeling that he's developed over time. This article may be able to help both shooters.

Let's take an easy case first. Suppose you're shooting at a

target that has some hard cover, and you see that one of your shots is a miss in the cover. Should you take the time to fire another one? Certainly, most shooters would say. Suppose that your gun's empty and you have to reload; is it still worth it? To find out, let's define the extra shot hit factor as the number of points gained by the shot divided by the time required to shoot it. The algebra to compute this is included at the end of the article, but for those who freeze up in the presence of symbols, here's the rule: If the extra shot hit factor is higher than the hit factor actually fired, then take the extra time to get the extra points.

So in the example, without taking the extra shot you're 15 points down — five points for the missing shot and a 10-point penalty. Suppose your hit factors are in the 2.5 range for long assault courses, and suppose that you'll shoot carefully and get the A if you fire again. A hit factor is score divided by time, so time is score divided by hit factor. In our case, 15 points / 2.5 hit factor = 6 seconds.

So if you can get that A hit in six seconds you'll break even; and if you get it in less time then you'll be ahead. This confirms the conventional wisdom — certainly you should fire the extra shot — and also tells you that even if you have to reload to do it, you'll still be ahead. (I

© 1992 PORTATARGET, INC. PHOTO: GEORGE HALL/CHECK SIX



assume you can reload and fire in less than six seconds!)

For the master with a hit factor of seven (perish the thought that a master would put a hit in hard cover!), the break-even time is 2.14 seconds. He should certainly shoot again, but if he has to do the reload it's going to be tight.

Another example, and this time we won't make the answer obvious by including a miss. Suppose you're firing at a bank of targets, and you see the gun dip a bit on one shot. It isn't off the paper, but you're pretty sure it isn't an A. You charge off to the next bank of targets, and when the target is scored you're relieved to see that the shot that felt bad was a C. Still, you wonder: Should you have

dumped another shot on that target?

Well, if you're shooting major, you stand to gain one point by shooting an A to displace that C. With a 2.5 hit factor, the extra point hit factor would be $1 / 2.5 = .4$ second. This tells you that if you could have fired an A on that target in less than .4 second, you should have done it. If you're shooting minor you'd gain two points and anything less than .8 second would still see you ahead. If your hit factors run closer to five than to 2.5 then you'd have to shoot your extra A in .2 second to break even.

If the poor shot had been a D for two points rather than a C for four, you stand to gain three points by hitting an A in 1.2 seconds or less. (That's me with

my 2.5 hit factor, remember. You 5.0 people would need to do it in .6 second, and the 7.0 masters in .43 second, to break even. The 2.5 hit factor minor shooter can gain four points rather than three and can take as long as 1.6 seconds.)

Note that this also tells you whether you'd benefit if you had a D and fired again, but the extra hit was a C and not an A. The C is two points better than a D, so the breakeven time is 2 / hit factor. For me, at 2.5, it's .8 second. Of course, if you fire again and the extra hit isn't any better, then it's a pure loss.

Let me caution you against a leap of hope: This does NOT mean that my fellow 2.5 hit factor buddies and I can take an extra .4 second per shot to make sure that we shoot all As,

My Targets Aren't Right For Anything, But I'm Working On It."



OK. So PortaTargets™ can't handle 105 mm. But most people train with slightly smaller calibers. And that's where my targets comes in.

They're constructed of high-quality steel that's entirely MIG welded (critical areas are even triple pass welded).

They meet or exceed safety standards set by the U.S. Department of Energy. And they're all backed by my two-year guarantee.

While most steel targets can't stand up to high-powered rifles, mine hold up after thousands of rounds. And you don't need a box of tools to put them together either. All my portable reactive targets assemble in minutes without even a screwdriver.

You'll find the same simplicity in my indoor and outdoor ranges, too. No

computers or complicated mechanisms that need constant service. Just simple designs built to last (Just ask NASA Security or the H&K International Training Division).

So after installation, they stay up and running. And like everything else I make, they're fully guaranteed.

To learn more, just write PortaTarget, Inc., P.O. Box 418, Grant, Florida 32949. Or call me, Paul Scholem, President, at (407) 725-9911, fax (407) 984-9486.

Whether you're looking for moving, turning, and pop-up targets, or a completely customized range facility, you won't find anything you can punish quite like a PortaTarget.

Unless of course, you plan to pull up to the firing line on treads.

PORTA  **TARGET**

and still break even. That .4 seconds is a win only if it gets us a point. If the shot was an A anyway, that time is wasted. The analysis assumes that you do in fact gain a point for the extra time spent.

To illustrate, let's look at a hypothetical stage. You have three targets. You fire two shots at each, reload, and fire two more shots at each. It looks a lot like El Presidente, except the true El Presidente is scored Virginia count where extra shots are penalized. It should be clear that this entire analysis refers only to Comstock courses, where you can fire as many shots as you want, and the high two count. You have nine A's and three C's in 11.4 seconds. That's a hit factor of 5.000 The break-even time required to replace one of those C's with an A is .2 seconds.

So should you slow down by .2 seconds per shot and make sure you get all A hits? No. If you did, your time would be 13.8 seconds and your score would be 60, for a hit factor of 4.348. The reason is that the extra time, 2.4 seconds, got you only three extra points. What the break-even time of .2 seconds for one point tells you is that if you knew that one of your shots was a C, and you could shoot another A on that target in .18 seconds, then you'd be ahead to do it. (Your new hit factor would be $58/11.58 = 5.008$, a small improvement over the original 5.0.)

So where does my analysis on extra shot hit factor help you? If you're shooting at your optimum speed and you fire a shot that you know is out of the A zone, it tells you how much time you can afford to spend to put a better hit on the same target. It's useful when you know you've made a mistake and

want to know how much time you have to correct it.

Here's the math section which assumes you're shooting major. Get out your results from your last match. Pick a stage and find the hit factor that you shot. On a calculator divide 1 by the hit factor. (For a hit factor of 2.5 you'll get .4; a hit factor of 5 gets you .2; a hit factor of 7 is .142857142.) The number you get when you do the division is the time in seconds that you can take to fire another shot that gains you one point and still break even. If you can replace an existing C hit with an A hit in less than that time, you'll be ahead to do it. If it takes more time than that, you'll lose.

Now divide 3 by your hit factor. This number is the time in seconds that you can take to replace a D hit with an A.

Finally, divide 15 by your hit factor. That's the time you can take to replace a miss with an A.

**PRECISION PERFORMANCE
MAG PADS**
You've tried the rest now get the best!
Sleek new designs !!

Improves positive insertions
and provides faster ejections

Machined out of Brass or
Aluminum bar stock

Aluminum is powder coated red, black, and
Fluorescent colors (call for current colors)



All .45 Auto & 38 Super Mags; Brass \$6.25 Aluminum \$5.75
All 9mm's Mags Aluminum \$9.95 Brass \$12.95
Para Ordinance Aluminum \$12.95 Brass \$15.95
Para ORD + 3 MAG PADS \$16.95
McCormick +3 MAG PADS \$16.95
Beretta & Taurus Plus 2 mag pad black only \$14.95
Smith & Wesson all models Aluminum \$9.95
Glock All models brass powder coated black Standard \$13.95
Glock Aluminum Plus 3 mag pad \$15.95
Glock Stainless Steel Guide Rods Captive Style \$17.95

New line of Law Enforcement mag pads
Dealers send SASE

JRL ENGINEERING
790 DONAU AVE NW
PALM BAY, FL 32909
PH: 407-768-0412
FAX: 407-729-6744
SHIPPING 1 TO 5 \$5.00; 6 TO 10 \$7.00
COD \$5.00 2ND DAY ADD \$3.00



Converts to easy transport



Portable Target System

MasterCard VISA

1-800-248-3845

Official IPSC Targets

Qty.	50
Plain	.50
White	.55

+ Freight

Stand
\$84.95 Delivered

A-Zone or 8" Round Plate
\$19.95 Delivered

Target Stand

Pasters \$3.00
Box + Freight



Target Holder with tension-held target

Safety, convenience and versatility are the hallmarks of the new Bull-X® Portable Target System. Designed by Gary Knepper, this portable target stand assembles quickly to set up an action firing line. The complete unit weighs in at only 14 lbs., making it very easy to transport to and from the range. It breaks down in seconds into three interlocking pieces to provide easy storage in any car trunk.

Constructed of tubular steel for the frame and cold rolled spring steel for the target holder, the Bull-X® PTS is built to withstand years of shooting. The current design will hold either the IPSC or NRA action targets (no need to mess with staples and staple guns anymore) and it will also accept an optional 8" round or "A-Zone" steel plate for sustained firing without changing targets.

30-day Money back guarantee, if the stand is returned in its original condition.



Steel Plate Option

THE TIMER THAT MAKES A DIFFERENCE

**Quality
Valued!**



**COMPETITIVE
EDGE DYNAMICS**

Watching the top Shooters in the World today can be an exciting and stimulating experience. It took years of hard, diligent practice for these Individuals to achieve their goals. Whether you are training to be one of these top Competitors or just striving to develop good basic skills, the end result is accomplished through practice. Measuring accuracy is easy, but monitoring speed requires an investment in some form of timer.

There are many timers available on the market today, but most of them include functions which are seldom used in normal practice. These additional features add dramatically to the cost of the timer. The CED-4000 was developed as an affordable alternative.

Designed, and tested by an international team of IPSC Shooters, the CED-4000 provides the latest in technology, using high quality components, and materials. The case was custom designed, molded, and produced precisely for the CED-4000, as was the specially designed LCD display. The result is a compact, lightweight, custom timer which is enhanced by its functional ease of use.

Its impressive array of features include:

- * Custom LCD display indicating time and the number of shots fired
- * Shot review function with up to 80 shots/times recalled
- * Par time available on shot and stop plate modes
- * 999.99 second time record capacity
- * Fixed (three second) or random (one to three second) delay
- * Automatic Comstock function
- * Adjustable Sensitivity shot detector
- * Stop plate input jack, also ideal for air soft use
- * Automatically selects shot or stop plate operation
- * A low frequency buzzer that can be heard with all type of normal ear protection on
- * Low battery LCD indicator to provide ample warning that a battery change is needed

- * 9 volt alkaline battery operation for ease of use and flexibility
- * Auto power down mode to prevent unnecessary battery drain when not in use

**All this performance and quality,
now specially valued at \$129.00**

**** 30 Day Money Back Guarantee ****

The CED-4000 was designed to provide the optimum timer for the Individual Shooter today at an affordable price. We want you to be completely satisfied with our product. If you are not satisfied, simply return it to us undamaged within 30 days and we will refund your money.

**** One year limited Warranty ****

If the CED-4000 breaks due to defective parts or workmanship, we will repair or replace it for you within the first year. If you accidentally break it, we will repair it at cost. We are proud of our product and we want you to be too.

ORDER NOW!

Call Tues.-Sat. (2-6 pm) **(802) 295-1334** or
Fax **(802) 295-1956**

By phone, we are happy to accept VISA, MC, OR COD orders. Mail orders, please send Certified check or Money order only. * All orders are shipped UPS (5-7 day) delivery, unless requested otherwise.

Add \$5.50 Shipping & Insurance/\$9.00 UPS 2 Day Air. Bank service charge VISA/MC, or COD add \$4.00

* Vermont Residents, add appropriate sales tax.

H & H Marketing Inc.
PO Box 1123, 85 Bliss Rd.,
White River Junction,
Vermont, USA 05001

The algebra: How do I know that the rule expressed above — if the extra shot's hit factor is greater than the hit factor without the extra shot, you'll be ahead to take the shot — is correct? Let's use **To** and **So** to represent the original time and score, so the hit factor is **So/To**. If I shoot again, it'll cost me extra time, **Te**, and earn extra

points, **Se**. The hit factor if I take the extra shot will then be $\frac{\text{So} + \text{Se}}{\text{To} + \text{Te}}$

What we want to know is when that hit factor will be greater than the original hit factor. So let's look at the break-even case, where the two

hit factors are the same, and do some algebra:

$$\frac{\text{So} + \text{Se}}{\text{To} + \text{Te}} = \frac{\text{So}}{\text{To}}$$

Cross-multiply to get $(\text{So} + \text{Se})\text{To} = (\text{To} + \text{Te})\text{So}$

Expand the parentheses to get $\text{SoTo} + \text{SeTo} = \text{SoTo} + \text{TeSo}$

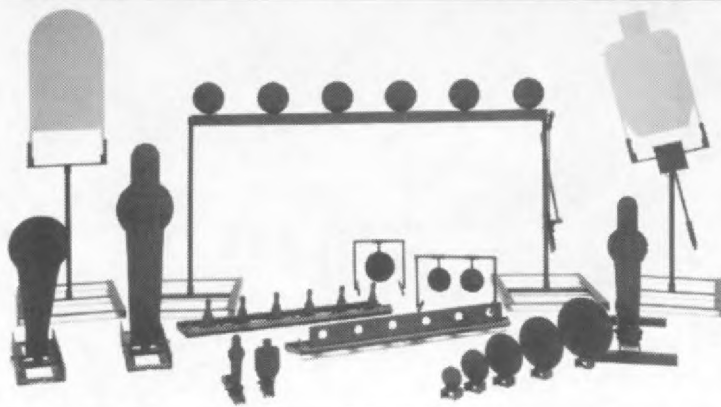
Subtract the **SoTo** term from each side $\text{SeTo} = \text{TeSo}$

and divide both sides by **ToTe** to finish with

$$\frac{\text{Se}}{\text{Te}} = \frac{\text{So}}{\text{To}}$$

So you break even — the new hit factor is the same as the old — when the extra shot's hit factor is the same as the original hit factor. If the extra shot's hit factor is greater than the old then the overall hit factor will also be greater. 🔫

NEW! AFFORDABLE REACTIVE STEEL TARGETS



At **Rack Systems**, we're right on target when it comes to meeting your shooting needs! Hone your skills with affordable Reactive Steel Targets that are:

- ◆ manufactured from hardened steel
- ◆ available in a **variety of styles and sizes**
- ◆ designed for **center-fire hand guns** and **soft-point rifle cartridges**... perfect for most shooting disciplines and training!

For rim-fire, try Rack Systems' **Miniature Plate Rack** Reactive Steel Targets that:

- ◆ are available with **mini bowling pins** or **4-inch circles**
- ◆ fit easily in the trunk of your car
- ◆ conform to an **adapter plate** with 1-7/8" holes to keep you on target when practicing for the **Master's Precision Event!**

Specialized targets and systems also available!

Call Rack Systems at (217) 446-0941 for more information!

RACK SYSTEMS

P.O. Box 31 • Danville, IL 61834

Dealer and Distributor Inquiries Welcome!

PLAN NOW to take part in the USPSA FLOOD RELIEF SPECIAL CLASSIFIER MATCH

Would you like to be able to shoot a Special Classifier match that would help you get classified in Limited or Open, have a fun day of shooting and at the same time be helping many of the flood victims in the Quincy and Barry, Illinois area? A Flood Relief Special Classifier match has been authorized by the BOD and sent to all affiliated USPSA clubs. The proceeds of this match will be sent to a 501 C agency in the Quincy area overseeing the flood relief projects.

Clubs will use the classifier stages of fire provided and send the paperwork and \$10/competitor to USPSA Headquarters. All stage designs, score cards and necessary summary sheets have been sent to the clubs. Clubs may hold up to 4 classifiers and will receive \$2/shooter mission count credit.

Let's get involved, have some fun shooting, and help the folks in Quincy and Barry get back into their homes and businesses.

NEW OPEN GRAND MASTERS

through September 15, 1993

Abbate, Billy	A-5203
Cundiff, Michael D.	A-5156
Gentzvein, Dave	A-3599
Steuerwald, Larry A.	A-4689
Tichenor, Terry C.	A-14734

NEW OPEN MASTERS

through September 15, 1993

Adair, Tom	A-7444
Antonini, Dave	A-4965
Argeris, Tawn	A-17561
Auger, Michael	F-22662
Batson, Steve	A-24666
Beale, Dan L.	A-8513
Benfield III, John K.	A-24686
Brush, Don	F-11826
Carlson, Adam A.	L-1363
Clark, Jr., James E.	L-1076
Crawley, Ken	A-11697
Derks, Gary	A-5721
Diaz, Peter	A-17682
Dinglasan, Edgar	A-17970
Escobar, Matt	A-23131
Gamble, Phil	A-13898
Granger, Charles R.	A-8037

Graubard, Jim	A-8334
Henderson, K. C.	F-14771
Hennessey, Jr., Patrick J.	L-744
Hill, Benny	A-19374
Hofmann, Wolf	F-11175
Hostetter, Robert L.	A-6707
Kallio, Robert	A-12476
Larsen, Leslie A.	A-15940
Martinez, Larry	A-9785
Miller, David	A-2850
Millson, Wayne	F-17889
Montgomery, Wes	A-13211
Myers, Charles	A-7721
Nance, Greg	A-20558
Nellis, Richard	A-9760
Nikoley, Jason	A-16273
Oneto, Bradley	L-927
Plymale, Timothy	A-15718
Price, Bob	A-15252
Runions, Ivan	F-23161
Sample, Larry F.	A-5815
Smith, George	A-7986
Spurgeon, Howard	A-16514
Tanaka, Richard	A-6306
Thompson, Richard	A14747
Vella, Charles	A-16642
Waki, Matthew	A-7760
Weber, Jeff	A-20963
Webb, Greg	A-18567
Wong, Stuart	A-4469
Wylie, III, A. J. Sandy	A-14683

NEW LIMITED GRAND MASTER

through September 15, 1993

Bonnet, Ted	A-5134
-------------	--------

NEW LIMITED MASTERS

through September 15, 1993

Boyd, Michael E.	A-11012
Cox, Barton L.	A-10125
Dejongs, Doug	A-11183
Miller, Paul M.	L-482
Owen, Charles	A-13143
Rierson, Matthew L.	L-794
Sayle, John G.	CL-36
Steuerwald, Larry A.	A-4689
Vaughan, David	A-10433
Vickers, Larry A.	A-13130



USPSA Gold Team Member

1036 South Lynn Riggs Blvd.
Claremore, OK. 74017
(918) 341-3700



\$1999.00

COMPLETE

*on supplied Frame

CALL (918) 341-3700



"Built by a Shooter...For a Shooter"

"I guarantee Accuracy and Reliability, 100% Parts & Labor, and put it in writing"Matt McLearn
New Gunsmith - Kevin Toothman

RB-17 GETS THE LEAD OUT! REMOVES LEAD, COPPER AND BRASS FROM THE LANDS, GROVES AND COMPENSATORS!

As featured in "Front Sight"
Jan/Feb '91 issue, page 14
Send \$18.75 for three 4 oz bottles
of RB-17, plus \$3.50 shipping and
handling. Make check payable to:

GBC Industries, Inc.
P.O. box 1602
Spring, TX 77383
(713) 350-9690
FAX (713) 350-0601

Mastercard and Visa accepted
DEALER INQUIRIES WELCOME!


AREA 7 continued from page 55.

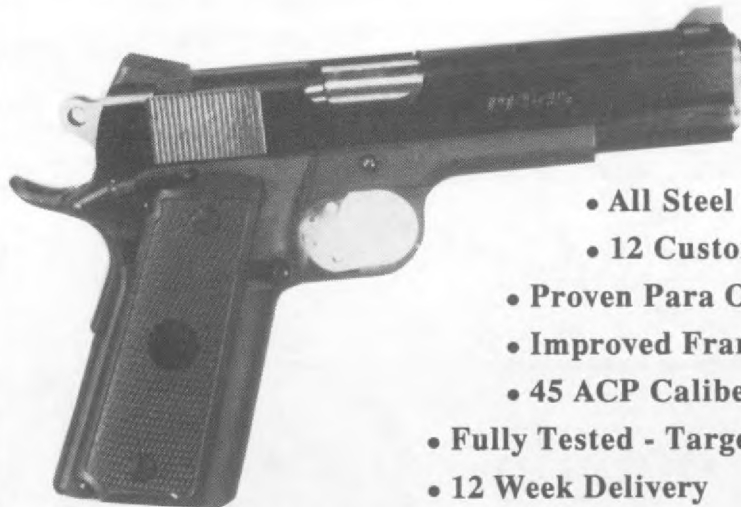
Gary Thompson chaired the prize/sponsor committee and did a remarkable job of securing a truly outstanding prize table. All in all, more than 30 percent of the competitors made the trip to the prize table. Those who didn't took home a shooter's bag which contained a tee shirt, pin, coffee mug, hat, literature, and several other goodies.

Open match and class winners were: Billy Abbate, HOA; Larry Steuerwald, Area 7 Champion; Sheila Brey, High Lady; Mark Doneburgh, High revolver; Ron Avery, 1st GM; Henry Chrabaszcz, 1st M; Don Brush, 1st A; Ian Robson, 1st B; Harold Kelly, 1st C; Milan Trkulja, 1st D.

Limited winners were: Jim Sullivan, Limited champion;

Thomas Costanza, 1st B; Henry Bick, 1st C; Ed Putnam, 1st D.

We would like to thank USPSA Series Match Sponsors EAA, Springfield, Inc., and Taurus, and USPSA Series Stage Sponsors Caspian Arms and Shooting Accessories for their generous support. In addition the following companies and individuals also supported the match: Safariland, R. U. Ready Electronics, Evolution Gun Works, Green Mountain Bags, Jack Norris, Target Operator Systems, Kentucky Windage, Shooting Chrony, Cylinder and Slide, Score Master, The Shooting Bag, Beikirch Ammunition Corp., Dillon Precision, Scope Savers, Bar-Sto, E.A.R.S. Enterprises, Nosler, Inc., Metaloy Industries, Inc., D&W Enterprises, Sierra Bullets, Wilson's, and the North Seneca Sportsmens Club. 



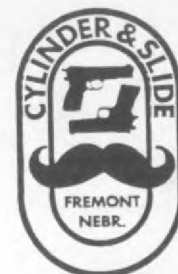
CST - 1

- All Steel Tactical Handgun
- 12 Custom Combat Features
- Proven Para Ordnance P14 Pistol
- Improved Frame Design
- 45 ACP Caliber 15 + 1
- Fully Tested - Target Furnished
- 12 Week Delivery

\$ 1,295.00 (Includes FET)

FEATURES:

- All Steel Para Ordnance P14 Pistol
- Improved Frame Design
- 45 Acp Caliber
- 15 + 1 Shots
- Two Fitted Mags
- Trigger Pull 4.5 - 5 Lb. Crisp
- Long Aluminum Trigger
- Beavertail Grip Safety
- Brown Tactical Ambi Safety
- One-Piece Stainless Steel Guide Rod
- Wolff 18.5 Lb. Recoil Spring
- Match Grade Barrel Bushing
- High Visibility Novak Fixed Sights
- Commander Hammer
- Series 80 Style Firing Pin Safety
- Internal Polish & Deburr
- Radius and Tension Extractor
- Barrel Throated For Reliable Feeding
- Non-reflective Matte Finish
- Zeroed at 25 Meters
- Accuracy 3" Or Less At 25 Meters
- Target Furnished
- Comprehensive Owner's Manual
- Delivery Time: 12 Weeks



P.O. Box 937
Fremont, NE 68025
PHONE 402-721-4277
FAX 402-721-0263



USPSA MEMBERSHIP SURVEY



PREFACE / INTRO

USPSA is your organization. In the last few years we've grown by leaps and bounds. Innovations are everywhere. Some of you like the changes, some of you don't. It's been four years since we've done a survey to find out what you think, what you want and how you generally feel about a wide variety of issues related to our sport.

The members of your Board of Directors believe it's time for another survey so you can tell us what you think. It's the best way we know of to reach most of you and get your opinions.

Won't you please look the survey over, fill it out and send it back to us? We are enclosing an envelope that is postage free if mailed in the United States.

If you have suggestions, gripes, complaints, new ideas ... now is the time to let us know. Your opinions will help guide us for the next several years, and, yes, your opinions not only count — they also will be read, heard, and considered by your board as it makes decisions regarding our sport.

The entire survey and results will be printed in the Front Sight after they are returned and tabulated. You'll know how your feelings compare to all your fellow shooters.

We have one request — since this survey will go to an independent survey firm, please **do not** send any membership renewals or other personal correspondence with your survey.

If you have correspondence other than the survey, you may send it directly to USPSA at P.O. Box 811, Sedro Woolley, WA 98284.

Thank you for helping us — help you,

Dave Stanford,
President, USPSA Inc.

P.S. Our deadline for receiving your survey is December 1, 1993. Please complete it now and let us know your thoughts. The faster you complete and return your survey, the sooner we can get it published in Front Sight. Your entire board assures you — your voice will be heard.

POWER FACTOR

Over the years, no single discussion has come up more than "power factor." Currently, we have a major power factor of 175 and a minor power factor (floor) of 125. The smallest handgun caliber we allow is 9mm.

Some people want to raise the power factor, some want to lower it, some want to do away with it while others like it the way it is.

With more than 12,000 members, we would now like to revisit the subject of power factor and find out how you personally feel.

1) Please circle the statement below that comes the closest to how you believe USPSA should handle power factor. **Circle only one.**

- a) I believe we should have a minimum power factor of 125 and eliminate major/minor scoring. This means we would have only one power factor (125) minimum.
- b) I believe the way we have it now is just fine. Let's keep major at 175 and minor floor at 125. Major and minor scoring should stay the way it is.
- c) I believe we should do away with major and minor power factor, but I believe the floor should be raised to 130-145, not set at 125.
- d) I believe we should not only keep major and minor scoring, but I would like to see major go to 180.
- e) I believe we should keep major and minor, but I believe we should go back to major at 170 like it was five years ago.

CLASSIFICATIONS / NATIONALS / EQUIPMENT

Currently, USPSA has dual classifications, Open and Limited. The dual classification system has placed a greater burden on the club administrators, requiring them to report which firearm category a shooter signs up with at a match, although the new scoring program will lessen this additional work load. A shooter may be classified in both Open and Limited categories.

2) How do you feel about having both Open and Limited classifications? (Please circle your answer.)

- a) **Yes**, I favor two separate classifications.
- b) **No**, I like only one, Open.

3) Regardless of how you feel about two separate classifications, do you think there should be two separate national championships — one for Open and one for Limited?

- a) **Yes**, I believe we should have two separate national championships, one for Open and one for Limited.
- b) **No**, I believe we should have only one national championship, where Open and Limited compete on an equal basis for overall champion, and for titles in each category (Open and Limited).

4) If you answered **No** to Question 3, would you still feel the same way if the match had to be limited to 500 competitors and many shooters who want to compete would not be able to do so?

- a) **Yes**
- b) **No**

5) If a combined National Championships had to be limited to 500 competitors do you feel that a minimum demonstrated proficiency, determined by the National Championship System, should be required of a competitor before he or she can participate in a National Championship?

- a) **Yes**
- b) **No**

6) Right now, the Limited rules regarding high-capacity guns require the manufacturer to produce the total gun (not just a frame) in a quantity of 1000 or more per year. Tripp-McCormick and Caspian make the high-capacity frames, but not the complete gun.

What is your opinion? Do you think we should keep the current rules or should we change the rules and allow the Caspian and Tripp-McCormick frames as long as they follow all the other Limited rules?

- a) **Yes**, change the rules and allow the Caspian and Tripp-McCormick high-capacity frames to compete in Limited class.
- b) **No**, keep the rules the way they are now and don't allow the Caspian and Tripp-McCormick high-capacity frames to compete unless they build a complete gun and produce 1000 or more a year.

7) Right now, extended magazines (170mm) are allowed in matches for both Open and Limited class in the U.S. for 1993 on an experimental basis. What do you think about extended magazines?

- a) **Yes**, I like extended magazines and think we should allow them in all USPSA matches, whether IPSC allows them or not.
- b) **No**, I don't like extended magazines and if IPSC outlaws them, then USPSA should do the same.
- c) **No**, I don't like extended magazines and regardless of what IPSC does concerning them, USPSA should outlaw them in all categories in 1994.

If you answered **Yes** to Question 7, please answer Questions 8 & 9.

8) Extended magazines should be legal in Open matches but not in Limited.

- a) **Yes** b) **No**

9) Extended magazines should be legal in single-column magazines but not double column magazines.

- a) **Yes** b) **No**

PRIZES AND TROPHIES

The current Board position on prizes and trophies for Tournament matches only was established after asking for and receiving input from the members through Front Sight. The B.O.D. policy generally provides for trophies for High Overall Placement, and High Placement in each class, based on attendance in each category (Open or Limited). It recommends this same policy follow through in prize awards; i.e. that prizes be awarded based on participation first to a few top shooters, then to high shooters in class, and then go back and award remaining prizes based on overall placement rather than placement in each class.

10) Do you approve of this policy?

- a) **Yes**, it is a fair way to award prizes and does not reward people for sandbagging.
b) **No**, I think prizes should be awarded by class.
c) **NO**, I think prizes should be awarded by overall finish only. Only Trophies should be awarded for class finishes.

BOARD MEETINGS

Under current USPSA policy regular USPSA membership meetings are open to all members. USPSA Board of Director meetings are open to any member to address the B.O.D. regarding a specific subject, if their request is received in a timely manner. No person who has asked to address the board has been denied that opportunity. Currently, Board meetings are not open to the press, or to anyone who simply happens to "show up." However, all B.O.D. actions must be published to be binding, and all B.O.D. actions are summarized in written minutes which are published in Front Sight. This is in keeping with standard corporate business practices.

It has been suggested that USPSA B.O.D. meetings should be open to all persons at all times, even if it might cause disruptions and result in much longer and possibly inefficient meetings. What do you think?

11) Do you approve of the current policy or not?

- a) **Yes**, the current policy is sufficient.
b) **No**, I think the B.O.D. should admit anyone who wants to attend.

WORLD BODY

INTERNATIONAL PRACTICAL SHOOTING CONFEDERATION

USPSA is the organization recognized by IPSC as representing IPSC practical shooting in the United States. In the past, USPSA has not always agreed with some projects and programs proposed by members of the IPSC executive committee (IPSC president, V.P. and IROA [International Range Officers Association Pres.]).

However, since USPSA is simply one region-country, (the United States) in the IPSC organization, the current structure only gives us one vote as a region, the same as the smallest region (country) involved; yet United States shooters constitute almost half the world-wide membership and pay 14.53% of its per-capita fees. (Per capita fees are only charged for the first 2,000 individual members. The U.S. is the only country at present with over 2,000 members.)

Many U.S. shooters feel we should have more of a voice in establishing the rules of IPSC since we constitute such a majority, but with only one vote we have no more to say than a country who may have only one club with a very few shooters. Many countries vote as a block, which makes it very hard for USPSA to have much of a voice on many of our major concerns.

Some feel USPSA should fight for a much stronger voice or simply pull out, if we can't have more of a role in the world body. If USPSA were to pull out, there would be another group in the U.S. appointed by IPSC to represent IPSC in America. This other group would be vying for the same shooters, dollars and participation as USPSA. There have been various proposals to give the larger countries more voice in IPSC; however, the smaller countries voting as a group have resisted such a change.

12) On a scale of 1 to 10, (1 being not important at all and 10 being very important) how important is it to you personally to be part of IPSC (the world body)? Please **circle** your answer:

1 2 3 4 5 6 7 8 9 10

13) Do you think the current voting in the World Assembly is appropriate?

a) **Yes** b) **No**

14) Do you personally believe it's important for USPSA to be affiliated with IPSC?

a) **Yes** b) **No**

15) If you answered **YES** to the above question, please rate on a scale of 1 to 10 just how important you believe it is for USPSA to be part of IPSC. Please **circle** your answer:

1 2 3 4 5 6 7 8 9 10

16) If you answered Question #15 with a 6 or more, please give us your reasons for your answer.

17) Can you list a few benefits you personally get from being affiliated with IPSC?

1. _____

2. _____

3. _____

4. _____

18) If we (USPSA) tried again to get a stronger voice in the world body — and were not successful in doing so — do you think we should withdraw — or stay?

- a) Withdraw if we can't get a stronger voice.
- b) Stay, even if we still only have one vote but have half the total members.
- c) Stay, but USPSA should do what it feels is best for U.S. shooters, even if it is not completely in line with the World Assembly.

19) If USPSA did withdraw from IPSC, for whatever reason, would you personally remain a member of USPSA, or would you join a new group chosen by IPSC to represent them (IPSC) in America?

- a) I would stay with USPSA.
- b) I would join a new IPSC group.
- c) I would join both organizations.

MISCELLANEOUS

20) Are there any services USPSA does not currently provide that you would like us to consider for the future?

21) Other than the shooting competitions, what is the single most important aspect of your being a member of USPSA?

22) Please check the type of gun you personally shoot the most at your local match.

- a) High-capacity comp gun with a scope.
- b) High-capacity comp gun with iron sights.
- c) Comp gun, not high capacity, scope.
- d) Comp gun, not high capacity, iron sights.
- e) Limited class gun in 9mm.
- f) Limited class gun in 45ACP.
- g) Limited class gun in 40 S&W

23) What kind of a job you think USPSA is doing, and what can it do to improve its performance? Here is your opportunity to let us know what you think. Gripes, kudos or?

PRODUCT NEWS

CLARK MAKES .22 SCOPE MOUNT

Clark Custom Guns, Inc. has recently announced its production of a scope base for the Ruger government model .22 pistol that will accept all Weaver type rings. The lightweight black or silver aluminum base contains an identical hole pattern, making it interchangeable with the Ruger mount, which will accept Ruger rings only.

Order your Ruger scope base for the government model .22 pistol from Clark Custom Guns, Inc., P.O. Box 530, Keithville LA 71047, or call (318) 925-0836. VISA or MC accepted. \$39.95 plus \$3 shipping in US.

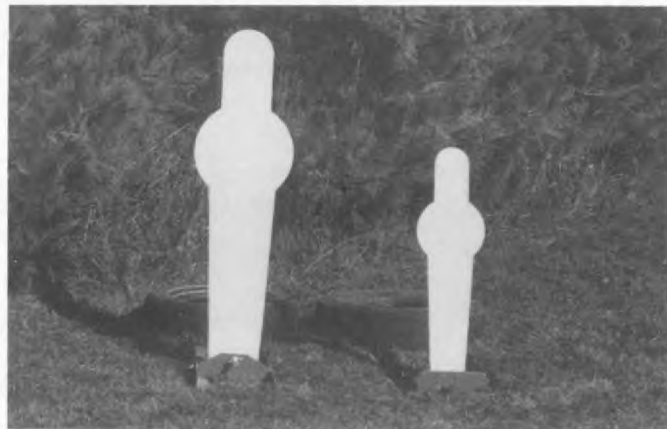


ARNTZEN CORP'S NEW IMPACT-T520 STEEL TARGETS

Arntzen Corporation is using a stronger steel for their steel Pepper poppers. This special target material is known as Impact-T520. The new Impact-T520 is 75 percent harder than the standard T1 and similar steels used in Arntzen's other targets. (T1 is a trademark of US Steel Corp.) The need for harder steel targets is a result of the use of light weight, high velocity jacketed handgun bullets. Impact-T520 is meant to stand up to this punishment without target damage. The new targets available from Arntzen Corporation are priced at \$175.00 for the full size popper, and \$135.00 for the 2/3 size US Popper.

For additional information, write Arntzen Corp. at Box 898, Rockford, IL 61105 or call 800-821-3475.

Tell them you saw it in FRONT SIGHT.



U.S.P.S.A./I.P.S.C. OFFICIAL TARGETS

Our I.P.S.C. targets are made with a white backside and 1/2" border. Our exclusive copyrighted process provides a stiffer, cleaner and lighter product and will not melt when wet, no "keyholes" and made from virgin materials "not recycled".



"I.P.S.C." TARGETS (Tan/Wht.)

50/\$.55 100/\$.45 500/\$.40 1000/\$.37

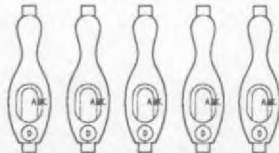
BOWLING PIN TARGETS

(White, carton stock)

50 @ .30\$ 15.00

100 @ .26\$ 26.00

250 @ .22\$ 55.00



PATCHING TAPE ROLLS 3/4" x60 yds. roll

Over 2,000 3/4" x 1" patches

TAN NEUTRAL

1/@2.25 • 6/\$2.10 • 12/\$1.95 • 24/\$1.85 • 48/\$1.70

WHITE

1/@3.25 • 6/\$3.10 • 12/\$2.95 • 24/\$2.80 • 48/\$2.65

BLACK

1/@2.85 • 6/\$2.65 • 12/\$2.55 • 24/\$2.40 • 48/\$2.25

Phone or write for free price sheets & shipping costs

Check, Money Order, C.O.D. ok, No Credit Cards

Shipping Charges, Additional-California Sales, Add 8.25% Tax

T-M INDUSTRIES

Art Benjamin, President

P.O. Box 68 Santa Monica, CA 90406 (310) 454-9440

1/1/91

SPEED WEEK

Speed Week, a multi-discipline shooting event, will take place April 30th through May 8th, 1994. During the nine days of Speed Week, competitors will have an opportunity to compete in the USPSA Area 2 Championship, the International Steel Championship, and the Western States Bianchi Championship. The Area 2 Championship is scheduled for May 7-8. Among other shooting events designed to introduce the casual shooter to the challenge of organized pistol competition is a Cowboy Steel Match with pistol, rifle and shotgun stages.

In addition to the competition, there will be a Firearms and Accessories Expo with displays of the latest firearms-related equipment and a Gunsmiths' Corner.

For more information, write to: Speed Week, 6085 Venice Blvd. #119, Los Angeles CA 90034, or call (310) 280-0911.

IT'S TIME FOR GUN CONTROL!

Better control of your Glock is available from Alchemy Arms.

Alchemy Arms Co., the originator of the extended slide release for Glock, is now offering more innovative accessories that make your weapon easier to control. For competition, carry, or self-defense, you need your weapon to function as efficiently as possible. Your life could depend on it.

SPECIAL OFFER!
BREAK THROUGH PRICE!

Alchemy Arms is now offering the Hybrid Compensator installed for only

\$159.⁹⁵

plus shipping & handling.

Hybrid Compensator

Precision-tuned ports apply downward pressure smoothly as it is needed to reduce gun rise and felt recoil by 70%.

"The Hybrid unquestionably reduces recoil."

Massad Ayoob, Director, Lethal Force Institute.

"The Alchemy slide release, an improvement over the factory product."

Massad Ayoob, Director, Lethal Force Institute.

Trigger Package

High performance, innovative trigger accessories to increase or decrease trigger take up and break pressure.

COMPETITION (lighter) or **CARRY** (heavier) packages available.

Competition \$19.95
Carry \$9.95

Provide additional protection for your loved ones...

Ask us about the Alchemy, Glock Lid Lock!

ONLY **\$24.⁹⁵**

Extended Slide-Stop Lever

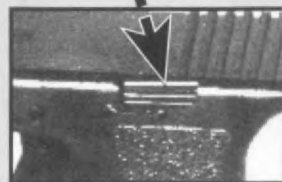
Provides greater surface area and powerful leverage to release the slide. Approved by law enforcement.

"A radical new concept in compensators."

Cameron Hopkins, Editor-In-Chief, American Handgunner Magazine.

Guide Rod Insert \$4.⁹⁵

Strengthens the stock plastic recoil spring tube with high strength titanium to reduce abrasion due to flexing.



SEND CHECK OR MONEY ORDER TODAY!

Dealer/Wholesale Inquiries Invited. • Hybrid Compensators available for other makes as well. • Glock is a registered trademark of Glock Inc. Smyrna, GA 30081

"Faster follow-up shots. Smoother handling gun. If you try it, you'll buy it."

Sonny Jones, Editor of Women & Guns Magazine.



ALCHEMY
ARMS COMPANY

INTERNATIONAL ARMS PRODUCTS

P.O. Box 114, Port Orchard, WA 98366

Call us today for more information, or simply send your check or money order and \$4 S&H. (Washington State residents add sales tax.)

Information

1-(206)-871-1641

Order only

1-(800)-282-4664

CLASS PROMOTIONS FOR PERFORMANCE

The following shooters were moved up in class because of performance in major match or tournament.

Oguri, Ricardo	A-22485	C	B	79.65
Davidson, Max	A-21921	C	B	73.62
Smith, Greg	A-15984	C	B	71.11
Jones, Ronnie L.	A-20309	C	B	70.93

Kelly, Harold	A-18142	C	B	71.70
Charland, Gary	A-18646	C	B	71.62
Putnam, Ed	A-19489	D-L	C-L	47.32

ASHLAND INVITATIONAL

July 3-4, 1993

Pike, Ronald	A-16114	B	A	84.54
Steele, Rick	A-21901	C	B	61.66
DeJonge, Doug	A-11183	B-L	A-L	78.81

AREA 7 CHAMPIONSHIP

July 15-16, 1993

Brush, Don	F-11826	A	M	89.13
Hofman, Wolf	F-11175	A	M	88.91
Robson, Ian	F-23281	B	A	85.10
Hitch, Stephen	A-18148	B	A	80.19

WISCONSIN SECTIONAL

July 24, 1993

Derks, Gary	A-5721	A	M	93.76
Dricken, Don	A-18785	B	A	82.06
Dejka, Eddie	L-967	C	B	72.76
Milde, Mike	A-20217	D	C	55.32
Kicklighter, Jim	A-19996	D	C	54.18
Lamberton, John	A-19986	D-L	C-L	57.41

TENN. STATE CHAMPIONSHIP

May 29-30, 1993

Name	Match Number	Fr	To	Percent
Daly, Drew	A-12191	B	A	76.07
Lemm, John	A-16203	C	B	73.58

AREA 3 CHAMPIONSHIP

June 12-13, 1993

Hemmer, Joe	A-14472	B	A	88.64
Nowlin, John	A-21881	B	A	82.26



W
I
KENTUCKY Shooting Supplies for
the Serious Shooter

P.O. Box 111
Russell, KY 41169
(606) 836-9982

D
A
E
G
E



Padded Range Bag

\$99.95(Sm.); \$109.95(Lg.)*

Mfg. by Hafner Creations, Inc.

Features

- Fully padded Range Bag made of ballistic nylon
- Double zippered wide opening top for easy access
- Heavy weaved handles which wrap completely around the bag for added support
- Comes with carrying strap and one Gun Rug
- Two sizes available - Large and Small (Sm. bag pictured)
- Inner compartment measures 16" L X 7" W X 10" H (Sm.); 20 X 8 X 10.5 (Lg.) with moveable divider/s
- Two long padded pockets 2.5 X 6 X 9 (Sm.); 2.5 X 8.5 X 9.5 (Lg.) on one outer side
- One large padded pocket 2.5 X 13 X 9 (Sm.); 2.5 X 17 X 9.5 (Lg.) on one outer side/Large enough for High Capacity gun w/ scope
- I.D. window plate
- Bag remains standing when open
- Made in U.S.A.
- Colors: Black, Gray, Navy, Sky Blue, Harvest Tan, Hunter Green
- Satisfaction guaranteed
- Dealer inquiries welcome

*Includes shipping anywhere in the 48 states.

Bullet Cal.	Wt. in Grs.	Style	Retail
9mm	125	RNBB	\$31.00
	147 NATO	SWCBB	32.00
	160	SWCBB	33.00
38 & 38 Super	160	RNBB	33.00
	125	RNBB	31.00
	124	FMJ* (FMJ's:	52.00
	135	FMJ* Choice of	54.00
	147	FMJ* .3555 or	55.00
	150	FMJ* .356)	55.00
	140	RNFB	31.50
	148	DEWCBB	32.00
	148	SWCBB	32.00
	150	SWCBB	32.00
	158	SWCBB	33.00
	160	RNBB	33.00
10mm/40	155	RNBB	34.50
	175	SWCBB	35.00
	44	240	SWCBB
44	300	TC	45.00
45	175	SWCBB	35.00
	200	SWCBB	37.00
	230	RNBB	39.50
	255	Spec. Bowling Pin Bullet	41.00
	300	TC	45.00

Match Grade Hard Cast Bullets

• Master Dist. of D & J Bullets •

70 lb. bullet boxes available. Prices listed include shipping to any states not listed below. Customers in ND, SD, NB, KS, OK & TX add \$2.00 per M. MT, WY, CO, NM, AZ, & UT add \$3.00 per M. ID, WA, OR, NV and CA add \$4.00 per M. All bullets are sold per M & come in two boxes of 500. Shoot 100, if not satisfied return postpaid. We will refund your purchase price. Quantity discounts for 10M or more. Okay to mix. Easy to order. **VISA or MasterCard.** Check orders will be held 20 days for check clearance before processing.

We feel that we offer the finest bullets on the market. We use only 100% pure alloy blended at a high tech foundry to the proper hardness that we demand. This alloy will allow the reloader to achieve velocities up to 1350 fps without significant lead build-up. These bullets are cast only on magma casting machines which are the finest in the industry.

ART continued from page 35.

with a 70-year-old kid. Between 1980 and 1985, Art blasted through 30,000 rounds. The range was about a 30-minute drive, so he would be at the range three or four days each week. His practice paid off as he won 19 trophies and 28 other awards from jackets to pen sets. In 1984 Art was still a little disappointed that he had never placed first in "D" class. He was known as "Mr. Second." It seems there was always a 20- to 30-year-old who was running and shooting faster. He called Jim Boland and a new gun was planned. It was a .45 built on an "80" series 1911 and is called "Wild One." Art, like everyone else, is still looking for the ultimate magical gun.

Art wasn't able to shoot between October 1991 and April

1992 because of colon surgery. As a result, he broke a string of having competed in 10 straight Steel Challenges. At age 82 he got back into shooting. He is a USPSA "C" class shooter and a "D" class SWPL shooter. Art has been to two RO classes and is active in his club.

It is really great to see people in their later years living life to its fullest. Shooting can become a way of life for an individual or a family. If you can get away from the busy, hectic everyday life and out on the range once or twice each week it is guaranteed that your life will be longer and healthier. Art Benjamin is a perfect example of this phenomenon.



INSIDE USPSA cont. from page 7.

through the office at \$25 each. This includes the program and a manual. The program will score 3-Gun events as well as pistol events and will print complete reports for clubs to send to USPSA headquarters including calculating any Mission Count fees.

In parting I especially wish to thank all the SC's, Clubs and USPSA board who contributed to the computer I was awarded at the USPSA Nationals. I greatly appreciate your thoughtfulness. Thank all of you for your help and support over the years. I know that I leave the organization in good hands.

Your friend,
Dave Stanford

THE ORIGINAL S&A MAG GUIDE— for a fast, smooth mag change

- Fits Colt and other 1911+1911A1 Automatics.
- One piece magazine guide and main spring housing.
- Adds 1/4" to grip for extra leverage and for recoil control.
- Stainless or blued - flat or arched.
- Extra defined checkering, 20 lines per inch.

Gov't Model Flat Stainless	*Para-Ordnance Flat Stainless
Gov't Model Flat Blue	*Para-Ordnance Flat Blue
Gov't Model Arched Stainless	*Para-Ordnance Arched Stainless
Gov't Model Arched Blue	*Para-Ordnance Arched Blue
Officers Model Flat Stainless	Officers Model Arched Stainless
Officers Model Flat Blue	Officers Model Arched Blue

Grizzly - \$89.95

\$69.95 + \$2.50 each shipping and handling.

Check in advance, bank check, money order or COD. Dealers/Distributors please call for further information. *not shown



U.S. Pat. #4,570,370



**SMITH &
ALEXANDER, INC.**

call toll free:
1-800-SA2-1911

P.O. Box 496208 • Garland, TX 75049-6208 • Fax: 1/214-840-6176

volunteers set out to do two days' work in one. It was that, or have no championship match in 1993. How did they do it?

They stacked one squad on top of another with no break between. They ran 25 to 30 shooters per hour. They worked through lunch, carrying Keith Churchill's sandwiches in hand, running shooters one after another. They worked smoothly, efficiently and professionally so that the competitors could shoot their best under the circumstances. They worked until dusk. They did it with love and dedication to the sport, a dedication that can't be purchased, only given.

Thanks, guys.



has a full year to plan and solicit prizes. I think this will help us have a bigger and better match year after year.

I would like to thank Al Diamond and Dale Holman for running the chrono stage and Ivan Hoe and Sammy Stidman for coordinating parking. Both are thankless jobs that need doing.

In Open class, Merle Edington was the match winner. Class winners were: Lee Edwards, 1st Master; Steve Taylor, 1st A; Joe Hemmer, 1st B; Ricardo Oguri, 1st C; and Mary Bauder, 1st D.

In Limited class, Fred Craig took top honors, Kent Harlan was 1st A, Duane Long was 1st B, and Julie Nowlin was 1st C. Debbie Hunott was Top Lady.

Thanks to the generous donations of our sponsors, the prize table was filled to overflowing and there was something for even the last shooter. I would

especially like to thank USPSA Series Match Sponsors European American Armory, Springfield, Inc., and Taurus Firearms, and Series Stage Sponsors Caspian Arms, Ltd., and Shooting Accessories. Thanks also go to our other stage sponsors, Wilson Combat and Graf & Sons, Inc. Contributing sponsors were: Steve Eslick and E&E Bullets, Dillon Precision, Competition Electronics, Lee Precision, Competitive Edge Dynamics, Redding, Chrony, Dick Thomas, Sierra, Webster Machine Shop and The Powder Horn Guns & Sporting Goods. Please, please, please support your sponsors! Without them our matches wouldn't be near as much fun.

Well, that pretty much wraps it up. A final thanks to all who helped, especially the members of the Green Valley Rifle & Pistol Club. 🦏

The Perfect Match. The Bianchi Cup and ProPoint® 4.

Perfection is in the eye of the ProPoint® holder. Or so it was at the Bianchi Cup, 1993. Brian Kilpatrick of Team Australia won the 1993 Bianchi Cup with a perfect score, the highest X count...and Tasco's new PDP4 with a 10 M.O.A. dot. With its 40mm objective diameter for a wider field of view, extra bright, 500 candela red dot reticle and 11 position detent rheostat,



PDP4

PDP4 provided the winning edge.

ProPoint® 3 and the new Team Tasco also came on strong with John Pride winning the "Barricade" and "Practical" events and Mickey Fowler acclaimed "High Master". Their success can be credited to talent, skill, experience...and the use of Tasco ProPoint® 3.

ProPoint®...the choice of champions.

For more information, write: Tasco, Dept. FSM P.O. Box 520080, Miami, FL 33152. Or call: (305) 591-3670, ext. 315.



John Pride, Team Tasco

tasco®

©1993 Tasco Sales, Inc.

USPSA MEMBERSHIP APPLICATION

Name _____
Please print

Address _____

City & State _____ Zip _____

I am a member of a U.S. Region club: yes no

Name of club: _____ State: _____

I am applying for the following type of membership:

- | | |
|--|---|
| <input type="checkbox"/> Annual \$ 30.00 | <input type="checkbox"/> Foreign \$ 40.00* |
| <input type="checkbox"/> Annual \$ 30.00 Renewal # _____ | <input type="checkbox"/> Foreign Life \$ 350.00 |
| <input type="checkbox"/> Life U.S. \$250.00 | <input type="checkbox"/> Benefactor \$ 1000.00 |
| <input type="checkbox"/> Sponsor \$500.00 | |

I hereby make application to join the USPSA under the plan and terms as noted above. I certify that I will use the skills and knowledge gained in USPSA/IPSC practical shooting only in lawful sporting activities and self-defense, and that I will conduct myself in such a manner as not to bring the sport of practical shooting into disrepute. (Please sign and enclose check for the appropriate amount.)

Date _____ 19__

Signed _____

Note:

Life and higher may be paid in four equal payments over a one year time period. Credentials issued on completion of payment schedule.

Visa _____ Mastercard _____ # _____ Exp. Date _____

According to the legal requirements of the United States, are you able to purchase and possess firearms? yes no

USPSA/IPSC
 PO Box 811
 Sedro Woolley WA 98284

*Foreign rate applies to members with foreign addresses only.



Learn the Secrets of the Pros!!!

at The Practical Shooting Academy, Inc.

Presenting state of the art firearms training for the serious competitor interested in improving his or her IPSC skills. **Grand master class competitor Ron Avery** teaches you the skills necessary to help you reach your highest potential as a competitor.

Using an intensive 2-day or 3-day format, Ron Avery teaches you a solid foundation of the **advanced skills** necessary to be a successful IPSC competitor.

Some of the **topics covered** include the sub-one-second draw, bill drills, use of sights and the visual field, including optical sights, strong hand/weak hand, as well as position shooting, barricades, multiple targets, transitions from position to position, course analysis, match

strategy, and a host of other topics as time permits. Also covered are **mental training techniques** to improve your performance in competition.

Ron Avery is not only a top competitor, but he has been a law enforcement and civilian firearms instructor for ten years. Now he brings to you his unique blend of competitive expertise and training experience to provide you with *quality instruction at an affordable price.*

CALL TODAY for prices and a FREE brochure. Classes are limited, so hurry!

CALL The Practical Shooting Academy, Inc. at (303) 323-6111
 P.O. Box 630, Olathe, CO 81425

Private, semi-private lessons are also available.

NEW

Delrin Mag Guide - Compensators - Thumb Guards - Bumper Pads - Products for Stayer-Tripp/CMC Frames

NEW! KREBS DELRIN MAG GUIDE
installs easily - *no gunsmithing, drilling, or
taping*. Increases the mag opening 85% and is
easy to customize! \$45.00

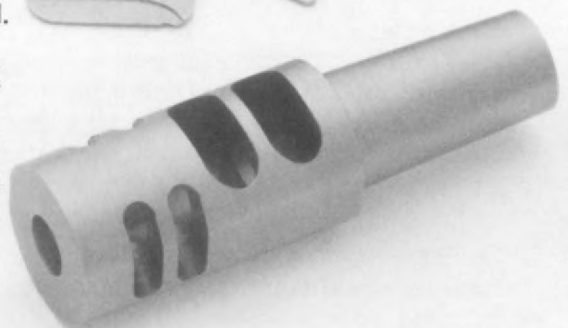
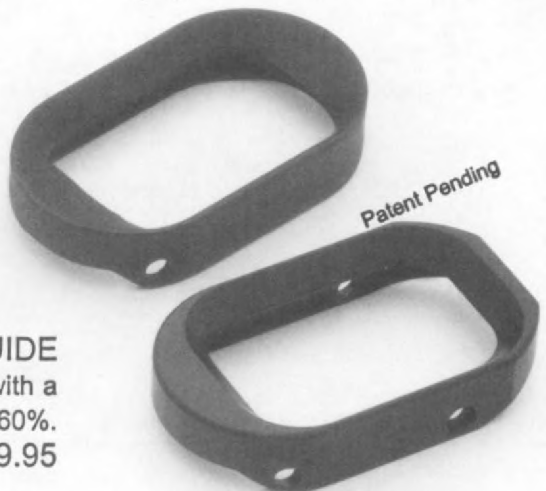
KREBS ORIGINAL MAG GUIDE
Machined from 2024 aircraft grade aluminum, with a
hard coat bead blast finish, increases mag opening 60%.
Easy gunsmith installation. \$59.95

Modification or replacement of existing bumper pad is required for either mag guide.

NEW! KREBS BUMPER PADS
Machined from aluminum to accommodate either Mag Guide \$10.00

NEW! KREBS THUMB GUARD
Machined from 4130 high carbon steel, it provides light
weight attractive protection without encumbering your grip.
Simple to install - milling machine required.

NEW! KREBS COMPENSATOR
Machined out of 4130 high carbon steel, hardened at 35
Rockwell, uses 6 ports with a bore diameter of 360 and
thread size 5.75 X 40. The KREBS COMPENSATOR
has optimum effect - and will not cloud your scope.
Great for custom work! \$165.00



KREBS GUNSMITHING INC.
7417 N. Milwaukee Ave.
Niles, IL 60714
Phone 708-647-6994 FAX 708-647-1103
12:00 - 5:00PM CST *Dealer Inquires Welcome*

Advertisers Index

10-Ring Precision	27	Firearms Performance Inc.	58	Quality Machining	41
4-C Enterprises	22	G.W. Enterprises	29	Rack Systems	78
A-Zone Bullets	61	Gilmore Products	73	RB-17	80
Accurate Plating & Weaponry	28	Glades Gunworks	46	Rosies Bullet Co.	16
ADCO	55	Green Mountain Sport Specialties	35	S.G.E., Inc.	12
Alchemy Arms Co.	87	Gunracer Company	52	Scope Doctor	14
Alfaro Enterprises	54	Gun Racing Supply Co.	62	Shiloh Creek	3
Ambi Dr.	65	Gun Craft, Inc.	96	Shooter's Depot	36
Ammosmith Cartridge Co.	53	Guncraft Sports, Inc.	49	Sierra Bullets	31
Arntzen Corp.	28	Guthrie Enterprises	12	Smith & Alexander	89
Arotek	48	Heinie Specialty Products	24	Springfield, Inc.	39
Bitchin Britches	18	HKS Products	30	Stone Container	72
Bull-X Portable Target System	76	J.A.F. Gunsmithing	43	Strayer-Tripp International	17
C-More Systems	68	Jarvis Gunsmithing	42	T-M Industries	86
Casey Enterprises	2	JP Enterprises	18, 34	Table Top Targets	20
Caspian Arms, Ltd.	68	JRL Engineering	76	Target Operator System	4
Checkmate	24	JT USA	57	Target Arms Marketplace	14
Clark Custom Guns	19	Kaltron Pettibone	44	Target Barn	21
Competition Electronics	50	Kentucky Windage	88	Tasco	90
Competition Supplies	69	Krebs Gunsmithing Inc.	92	Tetra Gun Lubricant	15
Competitive Edge Dynamics	45, 77	Krieger, Inc.	2, 19	Tiger Targets	40
CP Bullets	8, 59	Krieger Barrels	38	TNT Industries	20
Craig Custom Guns	55, 63	Lane Bullets	13	Triple-S Lubricant	70
Custom Action Targets	67	Les Baer Custom	66	Universal Shooting Academy	29
Cylinder & Slide	80	Losie Custom	69	USPSA Calendar	34
D & J Bullets	51, 64	Matt McLearn's Custom Machines	79	V-MAXX Bullets	35
Dlask Arms Corp.	56	Morris Custom Pistols	40	VIC International	15
Dynamic Sports	30	Mullins Ammo	32	Waller & Son	23, 37
Eagle Manufacturing	60	Nosler Bullets	7	Washtenaw Gun Works	13
Ed Brown Products	94	Plaxco book	23	World Class Pistols	47
European American Armory	26	Porta Target	74, 75	Yanek Custom Gun Works	22
Evolution Gun Works	5	Practical Shooting Academy	91		
Evolution Rifles	71	Premier Handloads	63		

10th Anniversary

Wily Coyote 3 Gun

Championship

May 28 & 29, 1994

(Memorial Weekend)

Sacramento Valley Shooting Center

Sacramento, Calif.

Entry Fee \$150.00 limited to 100 shooters

The Richest Prize Table in the U.S.

**Special categories for
Cop - Women - Tactical**

For Information Contact

Leanne Woslum 801-975-0717

or write

3810 S. Redwood #1114

West Valley City, UT. 84119

Early Bird Deposit

\$75.00 will
hold you
a spot

Name _____

Address _____

Phone# _____

Class _____

■ HIGH-CAPACITY MAGS

I am writing this letter because of J.P. Denis' worrying comments in his recent column in *American Handgunner*.

J.P. says that extended magazines should be prohibited from use in IPSC competition because they are "detrimental to our image." He also goes on about proposed legislation and how it could affect our sport. I'm sorry, J.P., but I strongly disagree. To begin with, I am getting sick of rule changes which make expensive equipment obsolete. I have a couple of SIG 20-round mags, which cost me \$50 each, that I use in a P228. This additional capacity enables me to compete more effectively with the guys who spend \$3000+ on a wide-body .38 Super. Yes, some of them

have gone from standard length 20-round mags to 25-round mags, but 25 vs. 20 is a lot fairer than 20 vs. 13.

My second problem is the pandering away of our rights. I seriously doubt that more than one percent of politicians have more than a vague idea of what IPSC is, and in my opinion, compensators and optical sights look a lot more dastardly than an extended magazine. Perhaps some regions do have bans on high-capacity magazines, but that should not be a basis for making it an IPSC rule. After all, many regions have bans on semi-automatic rifles (e.g. the UK, South Africa, Israel, etc.) but we do not all use bolt-actions in practical rifle. If anything, I would say that the use of extended magazines by IPSC shooters is a good thing, because it helps to legitimize their ownership in an in-

creasingly hostile anti-gun government. Let's face it folks, we're talking about the possession of metal boxes with springs in them. If something that simple can be banned, then we'll be lucky if we're allowed to compete with derringers.

Steven W. Kendrick, A-19712

CATALOG OF PROFESSIONAL HANDGUN ACCESSORIES

For Colt and Smith & Wesson guns



Send \$2.00, refundable with your first order, to:

Ed Brown Products
Route 2, Box 2922, Dept. FS
Perry, Missouri 63462

Staff and Participants in

the Northwest
CHALLENGE

extend our thanks to our generous sponsors:



Match Sponsor:

European American Armory



Stage Sponsors

Morris Custom Pistols
Grier's Hard Cast Bullets
Firearms Academy of Seattle

Carlos Bregante & Tom Boy Bullets
Titanium Arms

Olympic Arms
T-M Industries
Smith & Alexander

Special Event Sponsors

Bar-Sto	Kleen-Bore	Metalloy Industries	Centaur Systems
Caspian	Aim Point	Jonah's Tape and Targets	Accurate Plating
Safariland	Aro-Tek	Lowell Wait Hot Blue	Chip McCormick
Gun Craft	Titanium Arms	Dedicated Systems	Para-Ordnance

Contributors

Bo-Mar	Al Mar	Score Keeper	Wilson's Gun Shop	Competition Supplies
Ernie Hill	Holland's	Tru-Square	Wolfe Publishing Co.	

Area 1 Championships, Bellingham, Washington - May 27-30, 1994
RO/CRO School - May 26, 27 • Fun Shoot, Carnival, Shoot-offs - May 30

AWARE AWARE AWARE AWARE AWARE

AWARE AWARE AWARE AWARE AWARE

AWARE AWARE AWARE AWARE AWARE

Major Sponsors

- ADCO Sales, Inc.
- Beretta USA
- Bruce Gray/Behlert Precision
- CP Bullets
- Caspian Arms
- CamRoy Bags
- Dillon Precision
- E.A.R.S. Enterprises
- General Ordnance & Supply
- Glock, Inc.
- Heckler & Koch, Inc.
- Javery Custom Guns
- Kleen-Bore, Inc.
- LaRocca Gunworks
- Mossberg
- Para Ordnance
- (continued...)

AWARE would like to express its appreciation to all of the sponsors, workers, and competitors who made the 1993 *AWARE Invitational* such a success.

All of the prizes for this match were **DONATED**, with a total prize table value of over \$14,000.

AWARE would also like to thank the Harvard Sportsmen's Club for hosting this event, and for donating the use of their facilities.

All proceeds of this match benefited We are **AWARE**, a charitable organization which provides information and training to enable women to avoid, deter or repel violent assaults.

We are **AWARE**
P.O. Box 242
Bedford, MA 01730-0242
(508) 443-5404

Major Sponsors

(continued...)

- Practical Pistol Services
- Red Buffs
- Safariland Ltd., Inc.
- Second Chance
- L.W. Seecamp Co.
- Smith & Wesson
- Smith & Wesson
- Performance Center
- Tasco
- Taurus
- Wesson Arms
- Women & Guns Magazine

Additional Sponsors

- Bass River Gun Club
- Competition Specialties
- Yankee Bullets

AWARE AWARE AWARE AWARE AWARE

**9 DAYS! 30 STAGES! 830 ROUNDS!
IPSC, STEEL, NRA ACTION PISTOL!**

**Many Side
Matches!**

**Firearms Expo,
Gunsmiths Corner
and much more!**

**April 30
thru
May 8**

**Wes Thompson's
Range**

PIRU, CA

**INTERNATIONAL
STEEL
CHAMPIONSHIPS**

USPSA
**AREA
CHAMPIONSHIP**
SWPL

**WEST COAST
BIANCHI
CHAMPIONSHIP**

SPEEDWEEK

For more information
and an entry
package contact:

6085 Venice Blvd. #119
Los Angeles, CA 90034
310-280-0911 310-478-6559 fax

MAJOR MATCHES

- 1 FLORIDA INVITATIONAL PT** Feb 25-27, 1994
Larry Burnett (407) 767-8613 6-9pm M-F EST
- 2 AREA 3 CHAMPIONSHIP** May 21 & 22, 1994
Mike Mahaffy (314) 838-9846



Presented By
**Central Florida Practical
 Shooting Association**
February 25-27, 1994
at the
Titusville Rifle & Pistol Club
Titusville, Florida

Match will be run under U.S.P.S.A. rules and will consist of Eight stages with 200 rounds, Feb. 25th-26th. Continuous Side Matches will be offered Feb. 25th-26th, with the Shootoffs Feb. 27th. **This tournament has an all cash pay back.** Last year F.I.P.T. paid back over \$30,000. Send entry form with fees (U.S. Funds) payable to: **F.I.P.T. '94**, 1011 N.E. Lakeview Drive, Sebring, FL 33870. For additional information, contact **Larry Burnett** at (407) 767-8613 or **Cal Barnlund** at (407) 293-4166 **between 6-9pm eastern time, M-F.**

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

AM Phone: _____ PM Phone: _____

USPSA #: _____ Class: _____ Maj/Min: _____

I will compete in the following class (circle only one):

GM M A B C D UN. Ltd. Ladies

Match Fees: USPSA Member: \$175.00 (\$200.00 after 1/15/94)
 Shootoffs: \$ 25.00

You must be a USPSA or IPSC region member to compete in F.I.P.T. A \$25.00 handling fee for refunds before 1/15/94. **No refunds after 1/15/94.** Match booklets, including range rules, maps, etc. will be mailed to all confirmed shooters in early January.

PARA-ORD ALLEN HEAD GRIP SCREWS



Mag Wells for Para-Ordance, CZ75, 1911
 Gunsmith installation required - \$39.95



Round (short) Straight (long)
Pivoting Triggers for 1911 style autos - \$125.00
Para-Ordance, Caspian - \$145.00

Gunsmith installation required

NEW PRODUCTS

Para-Ord Allen Grip Screws

Blue - \$7.95

S/S - \$8.95

Para-Ord Extended Mag Pads

Black Anodized Aluminum \$8.95

Para-Ord Mag Followers \$7.95

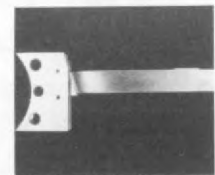
1911 Barrel Wrench \$26.95

1911 Sear Spring \$4.50

NOW CASPIAN & McCORMICK

LONG & SHORT ALUMINUM

TRIGGERS



**Long & Short Aluminum
 Trigger for Para-Ordance**
 Requires fitting - \$29.95

**Para-Ord
 Caspian
 McCormick**

\$ 29.95



**All Steel Mag Release
 for Para-Ordance**
\$14.95

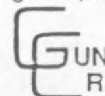


**Match Grade Pin Set
 with oversize hammer
 & sear pin - \$15.95**

To Order:

Only Money Order or Cashier's Check for prepaid orders.
 MasterCard/Visa orders welcome. Supply complete card
 information including expiration date.
 Furnish street address for UPS delivery. Add \$4.00 shipping
 and handling on Pre-paid orders for continental US.

CUSTOM PISTOLSMITHING
 High Capacity Frame Modifications



RAFT, INC. BY BEN JONES

2403 21st Avenue S.E.

Ruskin, FL 33570



(813) 645-3828





ALL NEW SOFTWARE Now gives split times, up grades-available.

A Timer for Matches

The PACT Championship Timer is the best training timer in the world. That's why the world's top professional shooters choose it for their vital practice sessions. However, it is something of an "over kill" for timing a match.

You Talk We Listen

As a club grows it's faced with the problem of needing several timers going at once to move shooters through the match at a reasonable pace. Many of our customers have asked us to provide a "minimum configuration" timer that could accurately time shooters but was inexpensive enough to allow a club to purchase several of them.

What's it do?

In order to accurately record a shooter's time the RO **must** be sure that the timer heard the correct number of shots, otherwise he doesn't know what he's writing down. The PACT Club Timer™ uses our **copyrighted user interface** to automatically display **both** the shot number and time. This allows the RO to confirm, at a glance, that the time recorded is correct.

The Club Timer contains the usual **trick software** that you've come to expect from PACT: **No limit** to the number of shots recorded. Unlike other timers that "lock" when the memory fills, the Club Timer will automatically **replace the last shot** in memory with the last shot fired. 999.99 second time limit. **Instant or delayed go**, status line tells you what mode it's in. Auto Sense **stop plate** jack allows you to use normally open, closed or momentary switches. The Club Timer won't let you start a run unless the plate is set back up. Optional **print driver** lets you make a **hard copy** of the shooter's time eliminating recording errors.

Software Up-grades

Like all PACT products the software in the CLUB Timer can be up-graded. For example, we had several NRA Action Shooting Clubs ask for a PAR time mode. You're the boss. Not only were we able to add this as a **low cost option**, we can go back to the first Club Timer produced and add it in. What form will future upgrades take? You tell us!

Trade up to a Championship Timer

The Club Timer is designed for running matches, and lacks the advanced training features of the Championship Timer. Nevertheless, for the individual who is just getting his feet wet in competitive shooting and finds himself attracted to the Club Timer **we'll make you a deal**. We'll give you a **100% trade in allowance** on your Club Timer if you trade up to a Championship Timer within 30 days from the date of purchase. 75% credit if you trade up in the first three months and 50% any time within a year.

Made in America

We invented the modern shooting timer. We have been steadily refining and improving our products for going on **ten years**. PACT is American owned and operated. All of our Timers and Chronographs are built at our factory in Texas. This allows us to maintain a level of innovative engineering and responsive customer service that the foreign knock off's can't touch. If you have a question or a problem with a PACT Product you call us on our **toll free customer support line**. We'll take care of you.

30 Day Money Back Guarantee & Lifetime Warranty

As with all our products, we designed the Club Timer, we build it, and we sell it factory direct to you. **We take full responsibility for your satisfaction.**

If you are not 100% satisfied with any PACT product, return it to us undamaged within 30 days, and we will refund your money.

The Club Timer also features a real **simple repair policy**. If it breaks due to a defective part or faulty workmanship we'll **fix it free**. If you break it we will fix it for cost. No hassles and no questions asked.

Quantity discount package available for USPSA affiliated clubs.

Order today
TOLL FREE ... 800 PACT INC
 (in Texas 214-641-0049)
FAX 214-641-2641

By Phone: We are happy to answer your questions and take your order. We accept Dept. PO's, VISA, MC and COD* orders.

- PACT Club Timer \$129.95
 - PACT Club Timer w/PAR Time \$149.95
 - Print Driver (installed in timer) \$ 14.95
 - Carrying Case for Timer \$ 14.95
 - Battery Powered Printer \$125.00
 - Extra Printer Paper (6 rolls) \$ 12.00
- *Shipping & Insurance \$5.50 UPS Ground/\$10 UPS 2nd Air. Bank service charge VISA/MC. COD fee \$3.75. Texas residents please add appropriate sales tax. **Brochure available.**

I wanted the world...

A high capacity .38 Super for IPSC...a reliable .40 S&W for duty use...
a slim, comfortable 9mm for my wife.

So I bought a multi-caliber

WITNESS

Now I Can Afford To Have It All!

Lots of gun companies have offered pistols with interchangeable calibers, but there has usually been a catch. Like finding out that magazines weren't available for every caliber...or discovering that some "insignificant" little part (like an extractor) just didn't work as promised in all calibers. Doesn't sound too "interchangeable" to us.

European American Armory's **WITNESS** cuts through all the hokum of most "multi-caliber" claims. Here are the facts:

- Starting with any *new standard sized **WITNESS** pistol, you can *easily* change to any of *six different calibers* by simply substituting a different top end and magazine. There is only minimal fitting required, because precise machining at the factory guarantees that most frames and slides are easily interchangeable.
- **WITNESS** add-on top ends are available in *new .22LR, 9mm x 19, 9mm x 21, .40 S&W, .45 ACP, and brand new .38 Super.*

Most calibers are available in a choice of slide length, with ported or unported barrels, and either with or without muzzle compensators and other custom options.

If all that's not enough to convince you that **WITNESS** can deliver more of what you want, remember that the affordable **WITNESS** *still* has the slimmest, most comfortable grip of any high capacity pistol on the market...it's been performance proven by world class competitors like IPSC World Champion Doug Koenig and one of America's top female competitors, Shirley Hamilton. And, it carries EAA's exclusive *Limited Lifetime Warranty*.

WITNESS 
Affordable. Versatile. Everything you wanted...and more.

See the complete line of EAA products at your local firearms dealer, or send \$2 for our current color catalog of fine firearms and accessories. Dealers, send your FFL and copy of your retail tax certificate for a **FREE** catalog.



EUROPEAN AMERICAN ARMORY CORP.

P.O. Box 3498, Bright Station ■ Hialeah, FL 33013 ■ 305/688-4442

*Some limitations exist with pre-'93 WITNESS frames, WITNESS Compact frames, and WITNESS-style frames offered by other companies. Check with the EAA Service Department regarding interchangeability on these models.