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NOVEMBER/DECEMBER 1991

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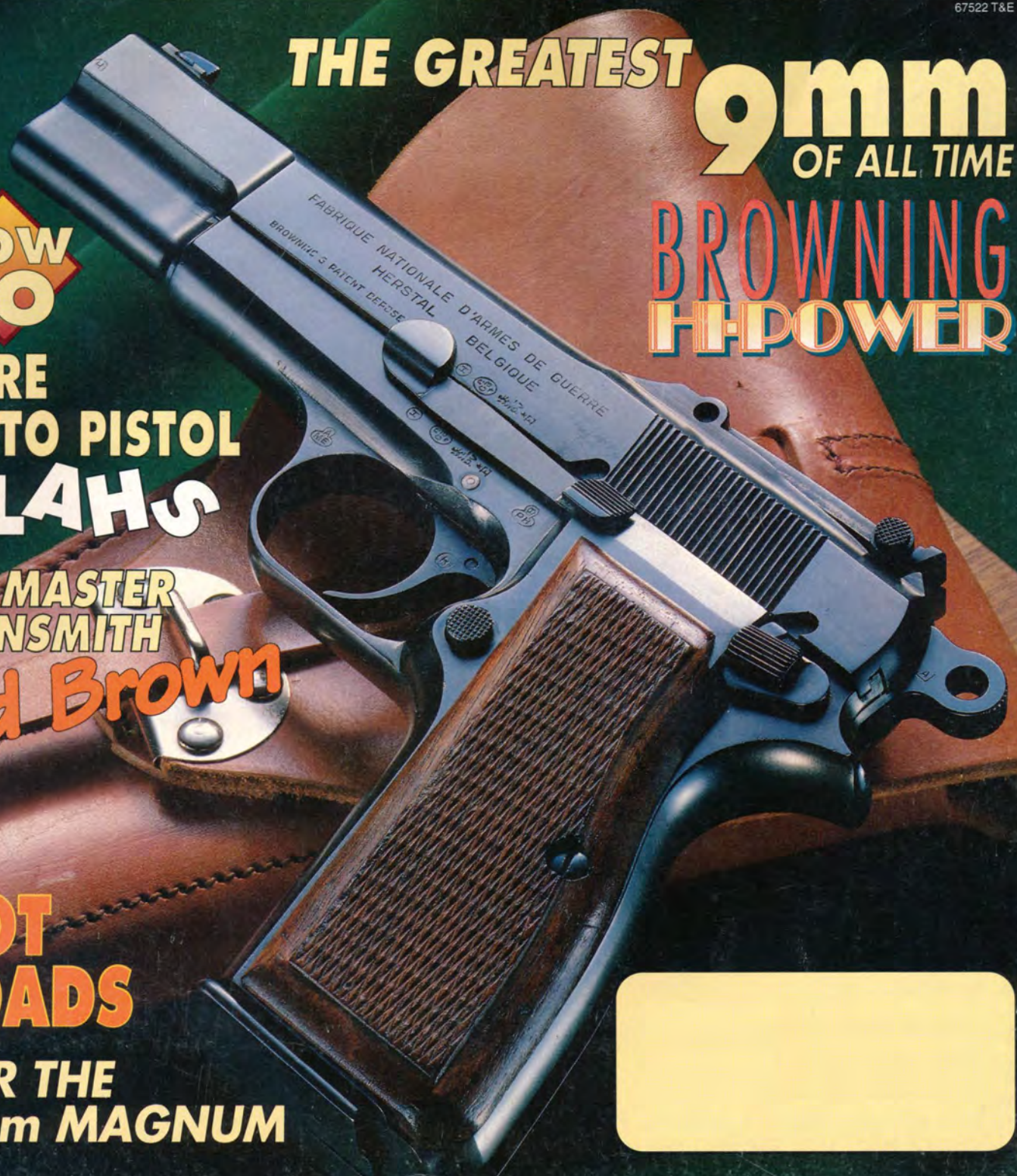
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BROWNING

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T202



A vintage Browning Hi-Power made in 1935 with the classic tangent sight. It was state-of-the-art then... still is now! Photo by Ichiro Nagata.



AMERICAN HANDGUNNER

NOVEMBER/DECEMBER 1991 Vol. 15, Number 90

FEATURES

- 22 THE AYOOB FILES,** *Massad Ayoob*
An update on some of the victors from previous exciting Files.
- 46 TEST REPORT: OEHLER MODEL 35P,** *John Taffin*
The amazing new chronograph from Doc Oehler with three skyscreens.
- 52 TAFFIN TESTS,** *John Taffin*
High performance favorite loads for the hot new 9mm Magnum.
- 58 GETTING ALONG WITH YOUR AUTO PISTOL,** *Ed Brown*
Tricks of the trade to cure your pistol's problems from a master gunsmith!
- 60 BROWNING HI-POWER,** *John Taffin*
The quintessential high capacity 9mm is pure classic.
- 65 THE BEHLERT BROWNING,** *John Taffin*
The immaculate custom Browning Hi-Powers of Austin and Frank Behlert.
- 68 CYLINDER & SLIDE SHOP'S CUSTOM HI-POWER,** *John Taffin*
The premiere specialists at fine tuning and customizing the classic 9mm.
- 70 HANDGUNNING HINTS,** *Bennett Viken and Robin Sutton*
Learning to make sure of a safety landmark in your gun handling.
- 76 CUSTOM GUN GIVEAWAY,**
You can win a custom Colt .45 ACP "Jet Comp" from The Combat Shop.
- 78 BIANCHI CUP '91,** *Nyle Leatham*
Riley Gilmore wins his second Cup with a record-breaking performance.
- 84 AMERICAN HANDGUNNER POSTAL MATCH RESULTS**
Shooters from 23 nations on six continents shot it out with American Handgunner.
- 131 CERTIFIED CZECH,** *Stanley Crist*
The CZ-83 is a top quality .380 Auto from the folks who gave you the CZ-75.

COLUMNS

- | | |
|----------------------------|------------------------------|
| 7 SPEAK OUT | 32 HANDLOADING |
| | Frank W. James |
| 17 PISTOLSMITHING | 34 SILUETAS |
| John Lawson | John Taffin |
| 18 CHAMPION'S FORUM | 56 INSIGHTS INTO IPSC |
| Brian Enos | Dave Anderson |
| 24 COP TALK | 137 ADVERTISER INDEX |
| Massad Ayoob | |
| 27 HANDGUN HUNTING | 142 INDUSTRY INSIDER |
| J. D. Jones | Cameron Hopkins |



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WARNING: firearms are dangerous if used improperly, and may cause serious injury or death. Due to the inherent variables in the reloading of metallic cartridges, verify all published loads with manufacturer's data. Consult a professional gunsmith when modifying any firearm. **Be a safe shooter!**



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Ticked Off Lawyer

I'm a lawyer, a longtime NRA member, a defender of Second Amendment Rights, a subscriber to *American Handgunner* and a tad more than ticked-off by lawyer-damning letters.

People like that have always hated lawyers. They hate anybody that has more education and ability than they; they hate anyone they cannot wheedle into giving them something for nothing.

I get letters all the time from prison inmates with the same attitude—it wasn't the rape, murder, robbery, or other crime that landed them in the slammer, it was the lawyers who weren't able to get the juries to ignore the evidence and free their guilty butts.

Then they demand that I take their case—for free (surprise, surprise!).

Prisoners, insurance adjusters, and folks like your correspondents are a lot alike: they don't like to pay or admit responsibility. They make slime like Jim Bakker and Jimmy Swaggert rich, but won't pay a lawyer to cut the cards in the game of life for them.

Old English law says that every dog is entitled to one free bite, and these lawyer-baiters have had theirs. For once in their lives, someone has paid their yapping more attention than someone with a personality like an infected armpit usually gets.

But, they'd be well advised to keep their diatribes in print, rather than up-close-and-personal. A lot of us old, country lawyers believe the courts have their place—but that Justice can also come out of the muzzle of a Colt.

Wm. A. Bessent III, Esquire
Starke, Fla.

Spare The Gore

I am writing you concerning your September/October 1991 cover of *American Handgunner* featuring a red splotch with the words "Gory True Story!" written in.

Besides being a wretched rhyme (!) it is in incredibly poor taste for a magazine with normally high standards.

I read Massad Ayoob's accounts, though not for images of flying body parts, but because of the outstanding

research, the factual accounts of success or failure of both man and equipment and the insights he gives into tactics, training and hardware.

Kent Miller's beautiful MercComp revolver saved the day, but I'm sure your readers will join me in hoping you don't repeat the childish emphasis on (God help us!) "Gore."

Peter M. Atwood
Atwood Arms, Inc.
Seattle, Wash.

Got 'Em By The Punches

I want to add a footnote to Chris Raboin's letter in your July/August issue. In 1980 I purchased an RL-300 press from Dillon. I reload about 120 rounds per week.

When I changed from .45 to .41 AE I found that I had two large primer punches instead of one large, one small. I wrote to Dillon and, yes, I too got the "with compliments" treatment of the part in the mail. No charge.

No wonder Mr. Dillon has the reloading market by the primer punches.

Alec Woodgate
Perth
Western Australia

Weightless Reloads

Mr. James' article reviewing the new RCBS and Lyman electronic scales spoke directly to a recent problem of mine:

The One To Watch

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through a major malfunction in the cranial cortex, a large batch of reloaded .45 ACP ammunition (5.7 gr. Winchester 231) contained a significant number of rounds without powder.

I figured that by weighing the rounds, I could discover the offending members. I weighed about 30 rounds, and found the largest number falling into a fairly narrow group. A few were significantly lighter, and some noticeably heavier, but overall the distribution formed a typical bell shaped curve.

Pulling the bullets on the first two of the lightest rounds revealed that they contained powder. Determined to be more scientific, I gathered the components, bullet, powder, casing, and primer, weighed them together, and used the result as a guide.

No Luck! Reason: the bullets, hard cast 200 gr. lead, varied +/- 3 gr., and the cases, all from the same manufacturer, varied as much as 15 gr. Obviously, the variance in case weight is enough to mask the presence or lack of powder.

Unfortunately, in this case, a \$300 to \$400 scale is no substitute for pulling bullets or the trigger to be certain which are the offending rounds.

With all due respect to Mr. James and his vast experience, his method might have worked had I sorted all my casings by weight before reloading. For what is, I suspect, a large number of handgun-

ners, who, like myself are serious but casual shootists, this too is a bit beyond the range of available, time, effort and interest.

The best advice, and the lesson I've learned is: Turn off the radio, chase the kids away, spit out the gum, and pay very careful attention to every step in the reloading process.

Roger Dudik
Centre Hall, Penn.

Told You So!

How bad does something have to be for a contract to be canceled?

Beretta held on to the military contract after numerous total slide failures for which no cause was ever found, frame cracking and failure to meet delivery schedules while an expensive "fix" was engineered.

At least they had to re-test. Another "fix"?

Now the FBI's S&W 10mm is locking up, and it is being recalled from service while S&W fixes it.

I've heard some 2,000 SIG's were purchased as "temporary" replacements. Several things about this bother me.

A couple thousand SIGs is a pretty expensive "temporary" fix. Why not let SIG complete the order?

Why is a 9mm being issued as a replacement instead of a 10mm, .45 ACP or .40 S&W? Is the 9mm okay now—

again?

The FBI selected the S&W then tried to turn it into a SIG, and ended up with a few thousand SIGs anyway. The US Navy SEALs deep-sixed the Beretta and went to SIG's.

I'm not saying I told you so. But maybe SIG-Sauer should!

Michael S. Orick
Kirtland AFB, NM

As the Industry Insider on page 142 explains in further detail, the FBI has recalled the 1,000 SIGs as well. Editor.

Wesson Arms Alive

I just finished reading John Taffin's article on the .445 SuperMag in your September/October 1991 issue. John has certainly done his homework on the .445 cartridge, but appears to be less than up to date on the fortunes of the Dan Wesson company.

As we announced at the SHOT Show in January, the company has been purchased by Seth and Carol Wesson, and Ed Arventos, and is now actively doing business as the Wesson Firearms Co., Inc. Our new plant is located in Palmer, Mass., and we're very busy building and shipping out a complete line of revolvers ranging in caliber from .22 LR to .445 SuperMag's.

John is correct in his assessment of the recoil of the .445 SuperMag with full

Continued on page 12

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Continued from page 8

house loads. We at Wesson Firearms, have been working on a solution, and have developed a compensator that screws on to the muzzle of any big bore Wesson revolver, through the use of a modified barrel nut. It's only about 1.5" long, weighs a couple of ounces, and is shaped and finished to match our barrel shroud.

With the compensator installed, full-power hunting and silhouette loads now feel more like a .44 Special. Muzzle flash is all but gone, and muzzle jump is more in line with what you'd expect from a modern 9mm. Retail price will be a nickel short of the hundred dollar mark, which is a pretty reasonable fee for making one of these big boomers downright pleasant to shoot.

Dave Michno
Director of Sales/Marketing
Wesson Firearms Co., Inc.
Palmer, Mass.

John Taffin responds: One of the problems of being one who likes to stay ahead of deadlines is the fact that once in awhile something gets into print that is hopelessly out of date. Such is the case in Taffin Tests: The .445 SuperMag in the Sept/Oct issue of American Handgunner:

"As this is written, the future of the Dan Wesson .445 SuperMag sixgun is in doubt as the Dan Wesson company is experiencing serious financial difficulties and may or may not survive. If they do not survive, it will be a sad day indeed for silhouetters and sixgunners everywhere."

This particular column was written before the Wesson family took the company over. The key phrases are "As this is written" and "Dan Wesson Company."

When it was written it was completely true. The Dan Wesson Company was in serious trouble and the future of the .445 was in serious doubt. That has all changed.

Since this was written, Seth and Carol Wesson have taken over the company. I have the deepest respect for the Wessons and to them and Bob, Dave, and Ed, I apologize if my eagerness to stay ahead of deadlines has caused them any problems. To shooters everywhere, Wesson Firearms are alive and well and producing great guns again.

Cannon's Guns Closes

I have been competing with, customizing and building guns for over 28 years. I have worked on or customized over 12,000 guns in those 28 years.

My guns have set world records at numerous national and international events, and they have scored record trophies from Africa to Alaska.

My custom combat guns went to war in Viet Nam, Panama and Saudi Arabia, and my custom police guns have seen

action on the streets of this country from New York to Los Angeles.

Some of my friends like Massad Ayoob, Bill Jordan, Jim Cirillo, Elmer Keith, Charlie Rogler, Jerry Rakusan, Mason Williams, Hank Williams Jr, Cameron Hopkins, Dick Riley and Col. Charles Askins have been a tremendous help to me through the years. Many of them taught me a lot about guns and their use and many of them liked my product and helped promote it. To all of them I say *thank you*.

To all of my customers who liked my work and supported my work and in many cases patiently waited for my work, I say *thank you*. Without you I would not have survived as long as I have.

To those of you who were impatient, spoiled and irritable, I have no apology. I only suggest you get your guns at K-mart. Any true *custom* gun built by one man will take a long time.

To all of my customers who have work here with us now, please don't worry. By the time this letter hits the press you will probably have received your gun or a letter telling you when it will arrive.

As of the printing of this letter I will not take in any more custom work whatsoever. Cannon's Guns is closed.

Due to the fact that only *my* work seems to satisfy our customers and due to the fact that my health is suffering in an attempt to complete orders satisfactorily and on time, I have decided to end it.

My future won't drift too far from the gun world. I will still act as an expert witness in legal cases as I have for years, and I will still continue to consult for various law enforcement agencies as I have in the past.

We will certainly continue to supply guns to the motion picture industry, and I have been asked to do some writing. So you haven't heard the end of Andy Cannon, just the end of Cannon's Guns.

Best of luck to you all and good shooting.

Andy Cannon
Cannon's Guns Inc.
Victor, Mont.

Accurate Delivery

Regarding John Taffin's article "To Blue Or Not To Blue" in the Sept/Oct issue, turn-around time on standard plated finishes by Accurate Plating & Weaponry, Inc. is a max of four weeks from the date we receive the weapon.

The 66-day delivery referred to in the article was due to a misunderstanding between the writer and A.P. & W. Inc. concerning which type of finish textures the writer wanted on his sample weapons.

Currently, A.P. & W. Inc. is shipping work out within three weeks of receipt at our shop in Florida.

Bob Cogan
Accurate Plating & Weaponry, Inc.
Clearwater, Fla.



Model 92F, 9mm. 15-round magazine. Double action. Compact and stainless models available.

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The Beretta 92F combines 16-round, 9mm firepower with absolute reliability and accuracy. So reliable that in the military competition, it exceeded 35,000 rounds without an operational failure. So accurate that military and law enforcement shooters routinely achieve higher qualification scores with this superbly balanced, ergonomically engineered pistol.

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Slick Or Serrated?

On page 97 of your Sept/Oct 1991 issue, Jerry Mikulek says to your author Dave Anderson in his story on the "Guns Of The Steel Challenge" that he uses a narrow, serrated trigger and dislikes a smooth trigger for fast DA shooting.

But then on page 112 a photo caption of Jerry shooting in the match says he uses a smooth trigger, not a serrated one.

Confusing? Please explain.

Tom Keigley
Huntington Beach, Calif.

PS: Bet you get a lot of mail on this.

Dave Anderson had it right, the caption writer goofed.

Jerry Mikulek does in fact prefer a serrated trigger for his incredible feats of speed shooting because, he says, his finger slips on a smooth one. He recommends to take some light sandpaper and just break the edges on the serrations to prevent abrasion of the finger.

God And Guns

As an idea, let us suppose that, in the absence of any proof that guns cause violence, the belief that guns *do* cause violence is purely an act of faith.

Any ban enacted based on that faith would be an attempt to require others to follow the doctrines of that faith. Would that be a violation of your freedom of religion?

Would that be a violation of your First Amendment rights?

I think so, and I think it's time we wrote and told our representatives. And write to the editors of your local paper. The time has come to make ourselves heard.

Claude L. Medearis
El Cajon, Calif.

Official Police Club

Having been in law enforcement for a good many years I have carried a Colt "Official Police" .38 caliber revolver for a duty weapon. This revolver has served me well over the years and I wouldn't think of ever replacing it.

The reliability and quality of this fine handgun speaks for itself. As a law enforcement officer my "OP" has been with me on some pretty rough calls and I have developed a great fondness for this Colt gun.

The Colt "Official Police" was discontinued in 1969 and now parts for it are becoming hard to obtain. I am interested in starting a Colt "Official Police" Club for the preservation of this great handgun and also to be able to have access to parts needed to rebuild the "OP."

I have read where there are other law enforcement officers across the country who carry the "OP" as a duty revolver who might be interested in starting a

"OP" Club.

The "OP" is a classic and deserves to be preserved. If you think this letter is worthy please print it with my address given for interested parties.

David Abney
3323 1st Avenue
Bibb City, GA 31904

9x25 Super Extra Major

I would like to add some fuel to the 9mm Major debate. The principal argument against the 9mm or even .38 Super is that, when loaded to major power factor levels, they are potentially hazardous to one's health and well being.

There exists, or did at one time, a cartridge which, I feel, could end the debate. Mauser once chambered their Broomhandle for a round they called the 9mm Export. Factory loads for this shot a 128 gr. bullet at 1,362 fps for 534 ft/lb of energy which, I believe is enough to qualify as a major.

The fact that, at an overall length of 1.38" it is .10" longer than the .38 Super might present some problems, but I am sure there are any number of talented gunsmiths out there who could solve them.

Imagine a Para Ordnance 9x25 Super Extra ISPC Major Special. Just the ticket, eh?

Ronald H. Miller
Laurel, Md.

Colors Are For Kids

While leafing through your July/August 1991 issue, *What's New* on page 74 caught my eye, especially the brightly colored Radical Grips and EZ mounts.

A question came to mind. If a child was to find this gun with the Radical Grips installed, what makes the child distinguish this from a toy gun?

I know all you gunners out there are saying, my kid would know not to touch a gun without me there, or he knows how to safely handle a gun. Great. I have taught my kids the same way, accidents still happen.

Another thought crossed my mind, what about the police officer responding to a call, a kid has a gun... or is it a toy... which is it?

Kids are killing each other at a younger and younger age. Now the police officer has another doubt put in his mind.

Green, yellow, red and sky blue are great for toys, let's leave it that way.

B. Rohrer
Oak Harbor, Wash.

AMERICAN HANDGUNNER welcomes letters to the editor for the *Speak Out* column. Letters should be typewritten, but legible handwriting is acceptable. Letters must be less than 350 words. We reserve the right to edit all published letters for clarity and length. Send your letters to *Speak Out*, American Handgunner, 591 Camino de la Reina, Suite 200, San Diego, CA 92108.

THE PLANE THAT CONQUERED THE SKIES.



Precision-engineered model of Shoo Shoo Baby is shown smaller than actual size of 9 3/4" (23.81cm) in length. Wingspan of 12 7/8" (32.70 cm). Scale 1:96.

SHOO SHOO BABY

B-17G "FLYING FORTRESS"

On the 50th Anniversary
of World War II,
the Air Force Museum Foundation
Presents Its First Official
Die-Cast Re-creation of
the B-17G "Flying Fortress."



Shoo Shoo Baby can be removed from its handsome display stand.

The B-17 "Flying Fortress." It was the very backbone of the Allied aerial offensive during World War II. Now, to commemorate the 50th anniversary of World War II, the Air Force Museum Foundation authorizes the authentic re-creation of a rare surviving B-17G that actually saw combat. It's called Shoo Shoo Baby, now on permanent display at the U.S. Air Force Museum.

Here is a remarkable die-cast model of the original, precision engineered of 111 components with a vast array of operating features. The propellers actually spin. The landing gear is retractable. The bomb bay doors open and close.

Shoo Shoo Baby also has astonishing detail. With a removable canopy that reveals the interior of the plane. Even the nose art re-creates the original's.

The price, just \$195. A custom-designed display stand is included at no additional charge. Available only from Franklin Mint Precision Models.

This aircraft was designed and engineered from the actual B-17G "Flying Fortress," nicknamed Shoo Shoo Baby. It has not been authorized or endorsed by any branch of the United States Military or its manufacturer.

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If you wish to return any Franklin Mint Precision Models purchase, you may do so within 30 days of your receipt of that purchase for replacement, credit or refund.



Even the nose art captures the authentic look of the original.

PLEASE MAIL BY DECEMBER 31, 1991.

Franklin Mint Precision Models
Franklin Center, Pennsylvania 19091
Yes! I want to order the authorized die-cast reproduction of Shoo Shoo Baby, a rare surviving B-17G that actually saw combat during WW II. My imported model will arrive with its own display stand at no additional cost.

I need send no money now. I will be billed for a deposit of \$39.* when my model is ready to be sent to me and, after shipment, for the balance in four equal monthly installments of \$39.*

**Plus my state sales tax and a one-time charge of \$3. for shipping and handling.*

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- 8. Extra capacity 8-round magazine, standard.**
- 9. Unmatched service and parts support.** We do our best to satisfy every repair or parts order professionally and quickly, right in our own factory. It might not be their way, but it is our way of guaranteeing satisfied customers.
- 10. The competition leader.** Every high tech competition pistol used by the members of Team Springfield begins as a standard model 1911-A1 factory pistol. So when you buy a Springfield, you know you've chosen the choice of champions.
- 11. The name says it all.** The Springfield Armory name is synonymous with "quality". So with our name on the slide, you know our 1911-A1 pistol is the finest you could own.
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- 13. Selection.** Only Springfield offers so many model, size, caliber and finish variations. We even offer hand built, affordably priced custom pistols from the prestigious Springfield Custom Shop.

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Rob Leatham

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- 1985 Triple Crown Winner (Steel Challenge, Bianchi Cup, USPSA Nationals)



Doug Koenig

- 1990 Bianchi Cup Champion
- 1990 Bianchi Cup Speed Event Winner
- 1990 IPSC World Champion
- 1991 Masters Champion



Allen Fulford

- Two-time Masters Champion
- Four-time National Civilian Bullseye Champion



Ken Tapp

- 1988 Masters Champion
- Consistent Winner at Second Chance Bowling Pin Competition

SPRINGFIELD ARMORY.

PISTOLSMITHING

JOHN LAWSON

"HI-POWER 9MM" IS AN OXYMORON BUT ONE IN .41 IS SOMETHING ELSE

Whether you call it *high power* in English, *Hochleistungs-pistole* in German or *pistolet de grande puissance* in French, a basic oxymoron persists: while it is a high capacity pistol, the 9mm Parabellum round is anything but high powered.

Happily, for those of us who admire John Browning's last pistol design, a simple modification and a small amount of very careful pistolsmithing will retain all of the familiar external design features, but will update the piece with a whole new range of ballistics.

Action Arms Ltd's .41 Action Express conversion, consisting of a new Wolff spring, a .410" barrel and a pair of maga-

It is of vital importance to keep the 9mm and .41 A.E. components separate. This includes barrel, spring and magazines. It is possible to feed a 9mm cartridge with the .41 A.E. barrel in place. The cartridge will snap into place under the extractor and the hook will hold it in position.

Thus located, the round will fire with disastrous results. So, I strongly advise keeping ammunition well labeled and warning tags on components.

Actually, this same problem has existed for many years and it is not exclusive with the .41 A.E./9mm Parabellum rounds.

Chambering Mishaps

Not too many years ago, I accidentally loaded a .32 auto round in a string of .380



While the .41 AE has been eclipsed by the .40 S&W, the rebated 9mm-size rim of the .41 makes it suitable for upgrading 9mm pistols to a medium-bore.

photo by John Taffin

zines for the .41 round, puts the GP in the major category without having to overload the cartridges.

The 170 gr. bullet does an instant number on steel reactive targets, as compared to the Parabellum's 115 or 125 gr. pills. Recoil is impressive, and though somewhat out of character for the GP, it is a bit less than that experienced when firing a .45.

Safari Arms also manufactures a .41 A.E. barrel for the Browning Hi-Power, but you have to provide your own heavier recoil spring and file the magazine lips .040" wider on 9mm magazines to feed the larger cartridge.

cartridges. Fortunately, the little PPK Walther withstood the wear and tear, but the cartridge case became a thing of wonder.

And, I have to admit, that in my youth I accidentally loaded a magazine of .380's in a Luger. The cloud of pressurized gases sent me packing to the showers.

Then, finally, I watched a model 400 Astra come apart when the shooter loaded a string of .38 super ammo and snapped it off rapid fire. This could go on and on, and it isn't limited to pistols.

A .303 Savage round in a SMLE calls attention to the fact that all .303's are not the same. Don't get confused—keep

Continued on page 119

HOSING DOWN THE TARGETS STILL REQUIRES SIGHT FOCUS— QUICKLY!

No matter where you are in your development as a practical shooter, stop what you're doing and commit to refining your precision shooting skills.

You're right: you don't need to be a world-class bullseye shooter to hit the A-zone on an IPSC target. But experience with the fundamentals of precision

shooting leads to high-speed shooting proficiency.

From my discussions with top bullseye shooters, and from the time I've spent with the Army Marksmanship Training Unit, I've learned that I employ the same shooting fundamentals at the Steel Challenge as they do at Camp Perry. The main difference is the intervals between our shots.



For precision shots in the Bianchi Cup, Brian uses a more refined sight focus.

Photo by Nyle Leatham

To hit a target, the gun must be aligned on the target and stay in alignment as it fires. This fundamental is not reserved only for difficult targets.

With experience in high-speed drills, you'll realize that not only must you be able to pull the trigger quickly, but you must also be able to keep the gun in alignment while doing so.

If you haven't tried them yet, I suggest adding *Bill Drills* to your practice. The *Bill Drill* is done on an IPSC target at seven yards. The performance is six A-zone hits from the draw in two seconds or less (Master level). The drill doesn't count unless you have all A's.

(Note: Start the drills at whatever time limit you can just make all A-hits. Also do the drills from different distances—15, 25, even 50 yards— adjusting time limits accordingly.)

You enhance the ability to shoot quickly while maintaining alignment largely through what you learn in your work on precision shooting. And probably the best way to develop your precision shooting skills is through shooting groups.

Benchrest Groups

For a benchrest, I usually roll out a piece of scrap carpet on the hood of my truck and set two sand bags on it. I work the gun into the bags so that the frame and front of the trigger guard are molded into the bags. The butt of the gun and the heels of both hands rest on the bench.

I adjust the bags so that the sights are in perfect alignment with the target without any *forcing* the gun into position; let the bags do all the work.

This neutral position is important to monitor the sight's lifting and returning in recoil that we'll talk about later. I use a center hold on a nine-inch paper plate for a target. I always shoot groups at 50 yards; you need that distance to really show you what's happening.

Your breathing contributes to your stability. For your most stable shooting, fire the shots while holding your breath at your natural respiratory pause. The natural respiratory pause is the transition from exhaling to inhaling.

You'll also notice that your vision is clearest for your first shot. I won't normally fire more than six rounds before giving my eye a rest.

The shooting part is pretty simple: as I am applying pressure to the trigger, I am continually monitoring sight alignment and placement. My visual focus is usually shifting from front sight to rear sight to target as I begin my trigger press.

The shifting is only to confirm my correct aiming point. Once my sights are aimed into an acceptable area— which will be very precise since I'm shooting from a rest— my visual focus shifts to the *top center* of the front sight for the actual break.

There should always be an awareness

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of the sensitivity of the whole process. It doesn't take much to throw a shot out at 50 yards, and when you can know that you did something to influence the bullet, then you're paying attention.

As you're shooting from the rest, you should see the gun lift and return in recoil ready to shoot again to the exact same spot as before. It's here that you'll begin to notice the track the gun follows in recoil.

Off-Hand Groups

From a benchrest, it's possible to totally stabilize the gun. If the gun is settled into the bags correctly, any movement you detect in the sights as you're pressing the trigger will be coming from you.

When shooting groups offhand, however, it is impossible to eliminate motion. *The gun is always moving.*

Through refining your technique, the movement area (usually called "wobble zone") will be reduced, but you cannot hold the gun dead still (unless your first name begins with a Bill and your last name is Blankenship).

What you should be striving for is to be aware of consistent motion in the gun as you're settling your hold down to the smallest wobble zone you're capable of experiencing.

As the gun is settling into this pattern of consistent movement, apply pressure to the trigger, paying attention to how this influences sight alignment. The shot will break on its own, within this consistent area of motion. That's the best anyone can do.

As you're shooting groups offhand, try to get the sensation that the gun is *suspended*, floating in front of your eyes. This is an excellent opportunity to monitor the pressures and tension in your body.

Pay attention to what you experience in group shooting and compare that to what you experience in the same areas when you're shooting at speed. Strive to shift everything toward your group shooting attitude.

As you're shooting groups, you'll realize that the gun can lift and return on target all by itself—you don't have to muscle the gun or realign it between shots. A common experience for the shooter who's just beginning his work with precision shooting is that of the muzzle staying elevated after firing. That shouldn't happen.

The muzzle should lift and return right back to where it started. With experience, you'll start to notice just how quickly the muzzle will return.

How high the muzzle lifts never determines your speed in shooting multiple shots. It is how quickly the muzzle *returns* so you can shoot again that determines how quickly you can fire the next shot.

When you get the sensation that the gun is running on its own, lifting and returning at the same speed, on the same



When it comes to speed shooting, Brian changes to "hose mode" sight focus.

Photo by Nyle Leatham

consistent track, and exactly back to where it started, you're in a position now to shoot faster and more accurately than ever before.

Trigger Focus

In working through the process of learning to fire accurately, one of the most important awarenesses you can develop is the connection between sight picture and trigger press.

People sometimes get the idea that sight alignment and trigger control are two separate things because that's the way they're usually talked about. But they're not.

Sight picture and trigger press are both dependent on each other, and each should affect the other. As you're pressing the trigger, what effect is that having on your sight picture? As you're watching the sight, how is what you see affecting your trigger press?

The incorrect sequence many people follow in firing a precision shot is to see the sight picture and *then* press the trigger. Their attention goes from one to the other instead of staying on both at the same time.

I've categorized five different focus types I experience in practical shooting, and the one I normally experience when I'm shooting precisely is *Type 5*: I am monitoring the *relationship* between trigger pressure and sight position all through the shot.

It is a "give and take" process until the shot breaks. It happens very rapidly, but I am aware of either holding up or increasing pressure on the trigger by what the sights tell me (and vice versa). It's important to realize that being aware of the sights or the trigger doesn't have to mean *thinking*. Eventually, pure observation of the gun's movement and position will lead to the shot firing automatically—you'll learn to *look the shot off*.

Type 5 is in opposition to the more

often given precision shooting technique of an exclusive focus on the front sight. But it is the connection of sight position and trigger pressure that helps prevent the gun from moving out of alignment as the shot is released.

To fire your most accurate shot, you should have a visual focus on the front sight, but it is the awareness of trigger management that stabilizes the gun's alignment.

One note on technique: learn to press the trigger quickly. The whole idea of trigger "squeeze" leads people into the notion that the trigger press is a slow process. It doesn't have to be and it shouldn't be.

Most top shooters press the trigger through pretty quickly. If you monitor sight movement, you'll discover how quickly you can press the trigger through without disturbing the sights. You can also learn all the other specifics of technique, such as the best position for your trigger finger, through the same process of monitoring sight movement.

Call Your Shots

Always, always call your shots. When you call a shot, that means that you have a full awareness of where the bullet hit without having to check the target.

Although I don't like the idea of developing habits in shooting, this is one exception. Even when you're shooting at warp drive and may not be focusing on the sights at all, you should still know where the gun is when it fires.

It's not enough to shoot a tight group or hit the center of the target without an awareness of exactly what happened to influence the bullet's impact—good or bad.

In calling your shots, you may even realize that sometimes you don't visually stay with the shot all the way through the cycle. If you have the experience sometimes of missing a shot that you "called" a hit, this often comes from seeing what you

Continued on page 101



BETTER BY DESIGN

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.

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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.

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The AYOOB FILES

UPDATE TIME: PERSPECTIVES ON THE PAST

Situation: Some vicious criminal threatened your life, and compelled you to use deadly force.

Lesson: Yes, Virginia, there is life after the twin nightmares of court and post shooting trauma.

We've been running this column in *American Handgunner* for a while now. I'm asked occasionally, "What ever happened to..." It's time for an update.

Most of those good people survived and recovered. Those who deal with the grieving survivors of the traumatically deceased note that the survivors tend to break up into three nearly equal groups. The first third are those who were not strong to start with, and were shattered by the experience. They never fully recover.

The second third are badly hurt, but they learn to cope, and they get their lives together. Eventually, when the coping process is over, they will be whole again... trying to pick up their lives where they left off.

The final third actually come out stronger. Hardened like steel in a crucible, they emerge from their tormenting experience wiser and in some ways better than before. In the sense that scar tissue is stronger than regular tissue, the most successful survivors leave the experience stronger than they were before they were slashed.

It is the same with gunfight survivors.

Let's discuss a few of them.

The Files touched on Luis Alvarez, a Miami cop who was making a routine arrest of an armed suspect in a video arcade when the suspect turned and went for the gun. Louie did the logical thing: he shot and killed the man.

But the slaying of a 20-year-old black man by a Hispanic officer threw a spark on the tinder of a racially charged city, and the second largest riot in Miami's history resulted. The powers that were needed a scapegoat. The scapegoat was Luis Alvarez.

The Files detailed only the high points of *State of Florida vs. Officer Luis Alvarez*, the longest criminal trial in Florida history to that time. The eight weeks of trial culminated in only two hours of jury deliberation before Alvarez was found Not Guilty. Whereupon, not surprisingly, Miami experienced the *third* largest riot in its history.

Alvarez' ordeal was not over. Accusations were filed with the US Department of Justice under 42 USC 1983, alleging that Alvarez had conspired under color of law to deprive Nevell "Snake" Johnson of life, liberty, and pursuit of murdering police officers. To its everlasting credit, the FBI investigated the matter and told Justice, "There's nothing there."

It *still* wasn't over. A civil suit was filed, and apparently thinking that it was cheaper than another riot, the city settled out of court with the dead gunman's family for \$1.1 million dollars. It was also the price the community paid for electing spineless politicians who threw good cops to the wolves.

The media made it sound as if Johnson had been accidentally shot with a cocked gun as he raised his hands to surrender, or had reached for a comb, or had been unarmed and suffered a gun to be planted on his corpse.

None of that was true, of course. Nevell Johnson was going for a stolen .22 revolver in

Continued on page 36

From .22 LR to .45/70 One Choice.

THE CONTENDER®

Let's face it, a whole hunting season can sometimes come down to "one good shot." When that opportunity arises, you need a handgun that is designed to do the job... one that handles hard hitting cartridges with "Minute of Angle" accuracy.

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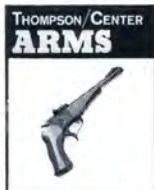


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Larry Rogers from Petersburg, West Virginia with some of his "long range" Woodchucks. An avid woodchuck hunter, Larry has taken many chucks at distances of 300 yds. or greater with his .223 scoped Contender Pistol.



A 155 lb. "Tom" Mountain Lion taken by Ken Bar in Colorado with a scoped Super "14" Contender in .35 Rem. Ken shot the cat at a range of 125 yds., without the use of dogs.



Don Tipton with a nice "Cinnamon" Black Bear taken in Southeast Alaska. Don used a Super "14" Contender in .35 Rem. The range was 95 yds.; the bear squared out at 6'6".



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STOP PUTTING OFF NEW TRAINING, BUYING GEAR— JUST DO IT, NOW!

They told me today that a student who signed up for one of my courses seven weeks from now won't be coming. He has the most excusable kind of absence.

He's dead.

He was a guard on an armored truck. The killer caught him by surprise, pumping two rounds into him before he could reach his duty sidearm. The would-be student's partner, I'm told, put a couple of bullets through the killer's forehead and sent him to his reward.

But the most righteous vengeance can never bring the decent dead back to life.

Jeff Cooper has written in his newsletter *Gunsite Gossip* of the maddening frustration of this kind of incident. The student who might have learned one little aspect that would have kept him or her alive, is murdered before they can take the training.

The fatal bullets caught Norm Demers

in the abdomen and the chest. Either would probably have been stopped by a quality ballistic vest. He hadn't been issued one and wasn't wearing one.

One thing we pride ourselves on at Lethal Force Institute is convincing those who go in harm's way to suit up with

Tonight's could be the shift when the moment comes that you'll need every shred of performance you can deliver.

Kevlar. We have an arrangement with a body armor dealer for underpaid students to get the vests now and pay a little on them each month while they're wearing them, a deal I wish I could work for every cop and security professional in the country, but can't.

He didn't have a chance to clear

leather. One thing Cooper and I and the rest of us in the business pride ourselves on is instilling awareness and alertness.

Would the training have made a difference? I'll never know. I can tell you that no one who attended our training has yet lost a gunfight.

Learn Now

One of my office staff was circulating a fresh clipping of an Erma Bombeck column this morning. Bombeck wrote about seizing the day, and not putting things off 'til tomorrow.

She kept putting off lunch with her sister, and her sister died before they could keep the appointment. Suddenly, the column struck home.

Are you a rookie cop in one of those

states where they have you work in the field for six to 12 months before sending you to the Academy?

Start now picking the brains of the seasoned patrol cops, the ones who've already survived violence and can tell you what to look for, can teach you the tricks of the trade.

Your parents or your spouse are going to get you a vest for Christmas or your birthday? Advance the date.

My files contain multiple saves of cops whose loved ones intended to get them a vest as a special gift, had something naggingly like a premonition, and gave it to them early. By Christmas or the birthday, the vest had already stopped a bullet with the cop's name on it, and kept them there for the holiday.

Been thinking about that action job, those new grips, even that new gun that you're authorized to have, and you do better with than what you've got now? Don't put it off.

Tonight's could be the shift when the moment comes that you'll need every shred of performance you can deliver.

You identified a training program you think will make you safer? Don't put it off.

Trade vacation days or work shifts with a brother or sister officer, and get into the program now.

If you've been correct in your assessment that there's something in the training that might keep you alive, it might be something you could use between now and the far-in-the-future course that seemed convenient at the time you scheduled it.

Been planning to go to the range and blow the cobwebs out of old Trusty Rusty? Stop putting it off.

Skip the bowling, skip the movie, have dinner late, and cut the grass

Continued on page 54

THE BEST JUST GOT BETTER



NEW Hip Holster with Thumb Break

For active sportsmen who need a faster draw and more security, "Uncle Mike's" has added new technology to the popular SIDEKICK hip holster.

Now with a metal-reinforced thumb break and a secure retention strap, the holster will keep your handgun firmly in place despite strenuous activity, then let you draw it quickly without hangup.

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Photo by Hikaru Uesaha

provide a choice of three reticles: glass tapered dot, standard 30/30 and electronic.

Another way of scoring big with Tasco ProClass™ is with our exclusive No Fault Limited Warranty. If it's damaged

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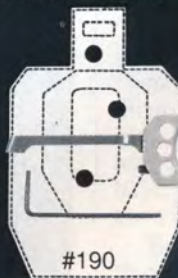
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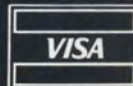
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THE EYES HAVE IT— SCOPE SIGHTS ARE BEST FOR HANDGUN HUNTING

Optics and pistols still seem to be a controversial subject with a small segment of the shooting fraternity. Guys who wouldn't be caught dead in the woods with a rifle wearing iron sights vehemently criticize anyone or any pistol wearing optics of any kind.

Usually these guys are individuals who are no time or at best only part time handgunners— and aren't worth listening to on a bet.

The fact of the matter is iron sights on handguns are pretty rough sighting devices. We don't shoot very well with them. If we think we shoot well with them, it is really in spite of them, not because they do us any particular favors.

Only those individuals with excellent eyesight and the ability to see both the sight and the target well (or at least shift rapidly from one to the other) are effective

in hunting situations.

No matter how good your eyesight is, it cannot compensate for the portion of the target covered by the sight blades and what you can't see is damned hard to hit.

Different Scopes

Optical sights utilizing zero magnification and a large dot have proven as fast as iron sights in competition even at close range in speed events. As distances lengthen, the optical device is even more effective, particularly if it magnifies the target.

In general I find the "red dot" no magnification sights a pleasure to shoot in recreational shooting. They are also somewhat delicate on hard kicking guns with batteries being somewhat susceptible to breakage. On occasion they lose contact and go out and in some situations reflect enough light into the eye to make it very

difficult to see an animal behind the dot.

A 2x with a 10 minute dot is also very fast and highly effective as a woods gun. I realize it sounds terrible, but in practice the 2x magnification is very useful. The large dot is very fast to pick up and put on the target and it is good enough for most revolver's effective ranges. It will not place a shot with the precision of a crosshair.

A 2x Leupold or Bausch & Lomb scope is "user friendly." If you have a problem with them it's simply due to a lack of practice or not using it right. The same may be said of the 4x by these manufacturers.

Variables are another matter. Few of them allow you to hold a gun at arms length and see the full field of view at over four power. Some are very large and heavy.

The only 2.5-7x variable I'm aware of to be of compact size, offer full view through the eyepiece and tough enough to withstand heavy recoil is the 2.5-7x Simmons Gold Medal.

Shooting Technique

One mistake I see repeated extensively is the shooter looking through the scope while pointing it at the ground or into the sky and then looking for the target. That simply doesn't work.

Try looking at the target and placing the scope between your eye and the target



J.D. with a good Texas whitetail taken with a 220 gr. Hornady bullet in his .375 JDJ Contender. Shooting across open areas like this requires a good scope like the Leupold 4x shown in T'SOB mounts from SSK.

LAST YEAR, FOUR OF THE TOP FIVE HANDGUN COMPETITIONS HAD THE SAME WINNER.



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just as you do with iron sights and you'll have a lot better results. You don't point your gun at the ground 10 feet in front of you and align iron sights and then look for the target— why do it with a scope?

Leave both eyes open too— at least while you're getting initial alignment.

"I shake too much with a scope," is a frequent comment. Is there something magical in putting a scope on a gun that causes the gun to shake?

Not really— you just see how bad

through or under the mount to the iron sights if the scope fails. I suggest the following on any heavy revolver or single shot.

Sight it in at 50 yards with the iron sights. Put the scope on it and see if you can hit anything with the iron sights. Shoots low? Try to adjust the sight.

Can't get to it? Take the scope off, elevate the sight as high as it will go and replace the scope. Still can't hit anything at any distance because the sight won't elevate enough?

excellent optical performance.

On test guns I've regularly shot groups with them I won't even print because few of you would believe them. Remember, though, if you are shooting an iron sight/ballistic combination that shoots craps at 50 yards and a scope enables you to effectively hit at 100 yards, you still only have a 50 yard gun for hunting purposes.

Buckmaster Winner

Continuing along this line, Blackie Sleevea won the Buckmasters with a Freedom Arms .44 Magnum stock out-of-the-box gun with the exception of an SSK Dennis Lawrence trigger job, T'SOB scope mount and a Bausch & Lomb 4x scope.

Incidentally, the competition was as tough as it gets— Team S&W and many of the high ranked pros were there. In working with Blackie in ammunition testing of over-the-counter commercial ammunition (no reloads are allowed) it was found some of the ammo was not capable of staying on the target at 100 yards.

Generally speaking, handloads beat the factory stuff quite easily— with some exceptions. Black Hills loaded with 240 grain XTP bullets shot a two-inch 100 yard group. Black Hills 300 grainers— again XTP bullets— shot 2.5 inches. Consistently. It's not a fluke either.

My personal Beauty Super Redhawk

Continued on page 50

Does it make sense that scopes on rifles are preferred by the same people who ridicule optical sights on pistols?

your hold is rather than being unable to recognize it with iron sights.

Some don't trust them— and if you don't buy the right ones, you will find trouble with a lot of them, no doubt about it. Buy quality and their failure rate is probably as low or lower than iron sights. Dropping an iron sight blade on a rock is far more likely to break it than dropping a scope on the same rock.

See Through Mounts

Some mounts have a so-called "see through" feature that enables you to see

That's what I found on every .357 and .44 I've tried them on. If you have one that actually works I'd be delighted to know which one it is.

Varmint Scope

For precision varminting I've found no better scope for relatively light recoiling guns than the 7x Burris which is far easier to use than their 10x. Custom Leupold rifle scopes modified for long eye relief, which also cuts the power by about 50%, are available from several sources. These are expensive but provide

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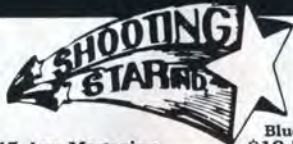
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24 HOURS OR LESS.

HODGDON POWDER'S ATTEMPT AT A "9MM MAJOR" POWDER FIZZLES

The IWA trade show in Nuremberg, Germany, is the European counterpart to the firearms industry SHOT Show here in America, and while some feel it lacks the excitement of the American show it is still a treasure trove of facts and information not found anywhere else.

The VihtaVuori powder 3N37 has been the center of much attention because of its ability to create loads that power cartridges such as the 9x19mm Parabelum to Major scoring status in IPSC competition. The problem, as everyone is aware, is many doubt its ability to do it safely under SAAMI recommendations.

We found at this year's IWA Convention the *VihtaVuori Reloading Guide* listing their recommended loads for this controversial powder.

VihtaVuori Basics

First of all, a few basic notations

should be made. All VihtaVuori powders are single base powders, being 94 to 98% nitrocellulose, and like most products from the Scandinavian countries they perform extremely well at colder temperatures.

The *VihtaVuori Reloading Guide* lists four powders suitable for reloading handgun cartridges (there are eight others for rifle calibers) and they are as follows: N310, N320, N340 and 3N37.

The chart in the guide listing burning rates equates N310 with Hodgdon's HP38. N320 is shown as being equal to Hodgdon's Trap100, Hercules Red Dot, and DuPont 700X. N340 falls about midway between Hercules Herco and Blue Dot, and 3N37 is not listed on the relative burning rate chart, being noted only as a special propellant for .22 high velocity and can be used also in shotguns.

Now, this guide also has a half page explanation on pressure in firearms. Most

of it was pretty standard stuff, which I won't repeat now for the sake of space, but the fourth and fifth item on their list was very noteworthy, especially after I relate what happened to me.

"A 10° C. increase in powder temperature causes a 4% increase in the pressure. The powder temperature rises if a cartridge is kept in a warm breech for a long time, or if you are shooting in a warm weather conditions."

That was item Four; five follows:

"Drying of the powder: if powder is stored in too warm a place and perhaps even in an open can, it will dry and cause unexpectedly high pressure."

Finland, obviously, doesn't have the climate of our desert Southwest and maybe American shooters and reloaders better take that into consideration before we get all fired up over this new powder from Europe that is allowing them to do things that aren't supposed to happen.

Uzi Blow-Up

Now, my experience. I was fortunate enough to secure a small quantity of 3N37 for testing purposes and I have loaded a number of different loads using this powder.

Early indications are that it will, in fact, permit one to load 9mm Major loads without excessive pressure, but there was one fluke that threw all that



-THE PARTNERSHIP-

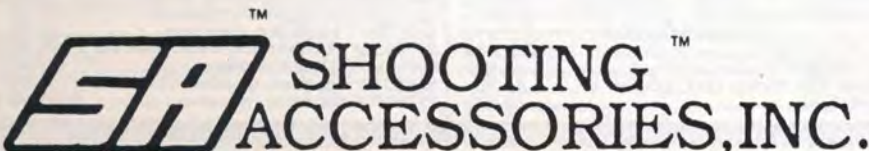
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data out the window because I blew up my full-auto Uzi with 3N37 reloads! And I mean blew it up, as in— it don't work no more!

Now, unlike others who test unknown loads, I try to do it in either carbines or rifles whenever possible for the additional safety factor, so the Uzi was a natural choice because of its robust construction. I also used a Browning Hi-Power with a Bar Sto barrel during this testing, but the primary test vehicle was the Uzi with occasional use in another full-auto firearm of carbine proportions, the suppressed H&K MP-5SD.

Hot Load Gets Hotter

The load I had developed was 6.2 grs. of VihtaVuori 3N37, a Winchester Small Pistol primer and 147 gr. Speer TMJ 9mm bullet in once-fired PMC 9mm Luger cases.

The first batch tested had worked well in the Browning Hi-Power and MP-5SD, so approximately 200 rounds had been loaded and placed on top of a small weapons safe in my reloading studio.

Three weeks go by before I can return to this project and in the meantime we are in the depths of the high humidity and high 90° heat seen only in the American midwest.

Later, I grabbed a box of 50 rounds

and shoved a 30 round magazine in the submachine gun. Walking outside to the range the weapon was cocked, a sight picture taken on a 100 yard target and a full-auto burst of one round was the result.

I don't know if you are very familiar with the Uzi, but believe me you get a sinking feeling in the pit of your stomach when you see more smoke coming from inside the receiver than the barrel. It only gets worse when the flat metal piece surrounding the cocking handle on the top cover assumes the profile of a banana.

Tearing the gun down revealed the extent of the damage. There were a number of things bent and broken, but the most significant thing was the one-inch crack in the Uzi bolt.

Super Blowtorch

What happened?

The case head separated completely from the body of the cartridge just forward of the extractor groove and the gas, under pressure, hit the bolt face like a super blowtorch.

The cartridge guide feed-lips on the full-auto bolt face were bent down at a 45° angle and there were two cracks in the bottom of the bolt. Remember the Uzi is a blow-back operated weapon and when the round goes over-pressure, the case will separate as the bolt moves rear-

ward, even before the bullet is out the barrel.

Problem Solving

Now, the big question— Why?

No one will ever know for sure the exact cause of this incident, but it is a known fact that some single base powders are temperature sensitive.

A number of other variables were eliminated in order to be as objective as possible.

All the other rounds, except those at the top that were gas cut, in that magazine had the projectiles pulled and the charges re-weighed. All were 6.2 grains of powder or slightly less, as were approximately 20 others from this same batch.

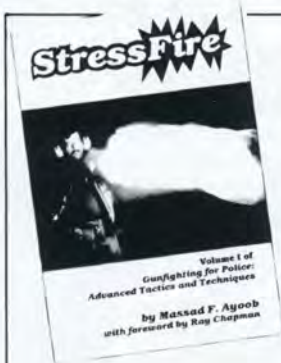
But objectively, the possibility does exist an aberration of an over-charge could possibly have occurred. I personally doubt it, but it is still a possibility.

Another possibility was the metallurgy of the bolt was flawed, so it taken to my friend George Huening of World Class Pistols, but after he examined it he felt it was made from good quality materials and expressed doubts it could have failed in some way. (He was also amazed at the extent of damage.)

There was no barrel obstruction because the barrel shows absolutely no evidence of a ring or other sign.

Which left me looking skeptically at

Continued on page 51



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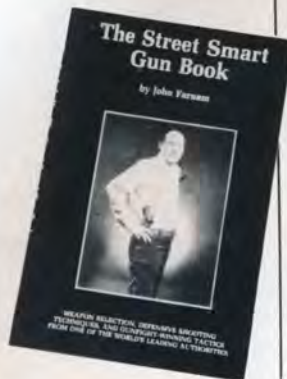
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RIMFIRE SILHOUETTING COMES OF AGE WITH ACCURATE NEW PISTOLS

It was an exceptionally good shooting day for me. I had just come off of a 36x40 using Winchester T-22's and the Anschutz Exemplar on the difficult .22 course. Made even more difficult for me (as regular readers of this column know from my continual lobbying for scopes) because of the fact that my best days of shooting iron sights in competition are way behind me.

Now it was revolver shooting time using the Freedom Arms 252 Casull and I was doing so well that I had a good chance to tie the Anschutz score or even break it. I had not shot the .22's for quite awhile.

In fact, I had been unable to get in many matches at all lately as the local shoots always seem to be when I'm at the NRA Show, off hunting, at The Masters or attending to some other pressing function that takes me away.

So I was feeling really good about my performance. My 36 AAA Production

score looked pretty secure until I discovered that the fellow next to me was also in AAA class and had a perfect Production score going into the rams. And he was beating me with a 10-inch Ruger Mark II. A very fine .22 silhouette pistol!

Sight Setting Screwup

As I was shooting my first bank of turkeys, my concentration on my own targets kept me from observing his targets until I was finished shooting. When I did finish and look at his bank, it was apparent that his perfect score was ruined. Only one ram was down. Second time through, the same thing happened.

He was frustrated to say the least. How was it possible to clean the turkeys and then blow it on the rams?

Only after he finished shooting did he discover what had happened. The impossible. Something that only happens in movies.

Remember the old movies that feature

someone listening to a cooking show and somehow the station gets changed in the middle of the recipe and all kinds of comically weird things happen?

Well, this time it was not quite so comical. The wind had blown the pages of his notebook and when he looked down for his sight settings, he was reading the wrong page. The result was eight missed targets.

I thought to myself this is not only very strange but also quite careless. It certainly won't ever happen to me.

Now it was my turn. I came into the rams with the chance of a terrific score. And I blew it!

What was going on here? Would you believe, I did exactly the same thing!

No the wind did not blow the page, but I actually turned to the wrong page and gave the six clicks of elevation required for the Anschutz instead of the eight clicks required for the 252 Casull. It is back to the three by five cards as my sight settings will be kept in a different fashion from now on.

Popular Rimfires

Something more significant than two of us reading our sight settings wrong was easily noticed at this last silhouette match.

Twenty-two's are in. They are no longer the "extra" match to fire when all else is over. It is, in fact, time for our

Continued on page 103

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AYOOB FILES

Continued from page 22

his belt, loaded with Stingers, when Alvarez shot him intentionally, double-action, to save his life, and that of his rookie partner. Our defense team, led by Roy Black and Mark Seiden, proved that beyond a shadow of a doubt to the jury.

But it *still* wasn't over. Miami PD insisted on firing Alvarez, who insisted on suing. I'm forbidden by the order of the court to tell you how much Miami PD

and his worth is today measured in seven figures at least.

There is Life After Prosecution. More to the point, when I had Florida cops in trouble after that 1984 case, Luis was always there to help. Bless ya, Louie.

Magnum Lady

Another Miami case was voted "all-time favorite *Ayooob Files*" by the *American Handgunner* in-house staff. Attacked by a rapist with a .25 automatic, Helen Weathers drew a 6 1/2" Dirty Harry Signature Model Smith & Wesson Model 29 from her handbag and shot him twice

As soon as the suspect's weapon swung toward her, she fired. Her .44 Magnum slug blew hell out of his leg and caused him and his compatriots to give up any further thought of stealing the car or shooting at the nice lady with the earmuffs and the Monster Gun.

settled for, but Luis took the money to create Centrex Security, the largest Cuban-owned security firm in the city,

with 240 grain scallop-jacket Remington .44 Magnum hollowpoints. Talk about "take back the night."

Helen was subsequently involved in another shooting. She saw individuals ripping off her car in her driveway. Being a logical sort, she called the cops instead of going out there. Being a *practical* sort, she grabbed her .44 Magnum just in case.

Being an *eminently* practical sort, and someone who had Been There Before, she also put on her ear protectors.

At about this time, one of the suspects at the car saw her looking out the window and turned toward her, pointing a pistol in her direction.

Helen stayed true to her logical and practical approach. As soon as the suspect's weapon swung toward her, she fired. Her .44 Magnum slug blew hell out of his leg and caused him and his compatriots to give up any further thought of stealing the car *or* shooting at the nice lady with the earmuffs and the Monster Gun.

They dragged their wounded compatriot away, and since they offered no further resistance, Helen offered no further gunfire, which many considered quite sporting of her under the circumstances.

Ms. Weathers suffered about as much post-event trauma as is suffered by the housewife in the TV commercial who wipes out a nest of cockroaches. The grand jury returned "no true bill" on her first shooting, and the cops *and* the prosecutors figured the second one was so clean it needed to take up none of the

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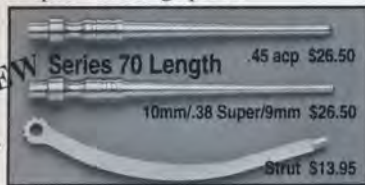


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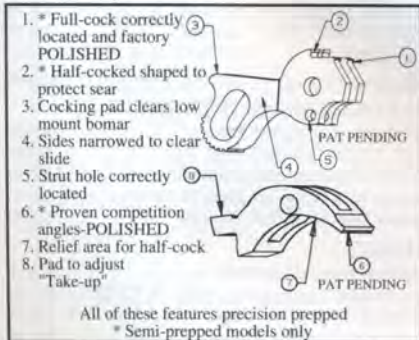
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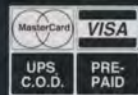
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grand jury's time, or the taxpayers' money, at all.

Shotgun Defense

Other Dade County, Fla., cases turned out less well. Regular subscribers will recall the case of Homestead, Fla., real estate man Wilburn Brooker. He and two black employees were robbed and terrorized by one Terry Johnson, whose last words before leaving the establishment were the threat to kill any "motherf---er" who chased him or called the cops.

Brooker violated both orders: he told his secretary to call the cops, and grabbed his 12-gauge pump to pursue and hold at gunpoint the man who had committed the violent felony.

But it didn't work out as Brooker had planned. When he pulled up behind Johnson, the gunman spun and levelled his .38 at Brooker, who reflexively fired. All 20 pellets of the #1 Magnum buckshot load struck true, and Terry Johnson's long record of violent crime came to an abrupt and instantaneous end.

The *Miami Herald* newspaper didn't like this at all. The anti-gun journal decried a recent spate of killings of criminals by armed citizen victims as vigilante mentality and called on the State Attorney's office to do something about it.

As a lawyer friend of mine in Miami says, "You've heard of the 'strong mayor' form of government? Miami has a 'strong newspaper' form of government." Bill Brooker found himself indicted for manslaughter.

Jeff Weiner, Brooker's lawyer hired after a bad experience with an attorney who wasn't into this sort of case, did a superb job of defending him. But Bill wound up with a heart condition induced, the doctors said, by the stress of the case.

The MDs told Weiner that his client would not survive the brutal rigors of trial. To save Brooker's life, Weiner had to accept a plea to Manslaughter, no time served.

The trial judge was sufficiently ticked off by the whole deal to place the finding "adjudication in withheld" status. This means that the case is sort of "on hold, in limbo," for a period of time, and if the good guy stays good for awhile, the plea of guilty is erased and all good guy status returns to the good guy.

This is what happened with Bill. His manslaughter "conviction" in effect erased by a wise Court, Bill now has a concealed carry permit and the Hoelscher-trained dogs that accompanied him through the death threats during the period when he was not allowed to have guns.

Abused Wife

In the same Dade County, Mary Menucci Hopkin used a .22 revolver to defend herself against the savage, homicidal fury of James Yarolem. Mary didn't know the right things to say to the investigators as she stood watching Jim get put into the body

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bag, and as a result, she was charged with Murder in the Second Degree.

We had considered a Learned Helplessness defense—the theory that battered women like Mary have been conditioned to believe that society can't help them, and their only escape from the torment lies in the direction of destroying the tormentor—but we put that on the back burner as Plan B.

Mary was fortunate enough to get Mark Seiden, the architect of the successful Alvarez defense, as her attorney. Mark and I agreed that it was a pure self-defense case, and Mark brilliantly tried it as such.

The huge man—who battered Mary for years, once strangled her and left her for dead, bragged about having murdered a man in the midwest, and had said in front of arresting officers after one beating “Mary, you f---ing bitch, I’ll kill you for this”—had broken through a screen door to get at her when she pulled the trigger after warning him off.

The good news was, the jury found her Not Guilty. The bad news was, not long after the trial she suffered a stroke that most who know her believe was stress-induced. The massive cardiovascular accident has left her to this day in a wheelchair, immobile and speechless.

They don't all end well.

Miami Massacre

Miami was also the scene of the “OK Corral Shootout of the Twentieth Century,” the most thoroughly studied gunfight of our time: the April 11, 1986 Miami Massacre in which seven out of eight confronting FBI agents were shot by robbery/murder suspects Michael Platt and Edward Matix.

It was the only *Files* that went to double length, and was probably the single one of the series most widely requested by police agencies for training reprints, since it encompassed research material not previously disseminated to the law enforcement field.

At about the time that issue of *American Handgunner* appeared, a TV movie was aired that re-enacted the shooting. Because the scriptwriters and the author were both working from the same true documentation, *Handgunner* readers had a chilling “read-along script” to go with the television dramatization.

The TV show got a few things wrong: Platt had a semi-automatic Mini-14, not the full auto AC556 on the show; Platt didn't take nearly as much lead before finally going down as was depicted on TV; he didn't terrorize Agent Mireles the way the show depicted; and both Platt and Matix may have murdered their wives beforehand, for the insurance money.

But by and large, *Handgunner* readers got something from the show that regular viewers most certainly did not.

Agent John Hanlon, horribly wounded in the shootout, has since honorably retired from the Bureau and now, recov-



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ered, is practicing law. Supervisory Special Agent Gordon McNeill is fighting valiantly to overcome his disabling high-powered rifle wound.

Appropriately, Ed Mireles—the agent whose left arm was nearly blown off by .223 fire, and who still staggered into the kill zone to shoot and finish Platt and Matix with his .38 revolver—has become a legendary “agent survival instructor” within the Bureau; he and his wife, also an FBI agent, have returned to Miami.

Mireles has special permission from the Bureau, I’m told, to carry an HK Benelli semi-automatic Entry Shotgun with 14” barrel and pistol grip, uniquely suitable for one-handed employment, since his shattered left arm will never come back.

If Mireles was the hero of the Miami gun battle, Ron Risner was the role model. He did everything right: body armor, use of cover, distance, and enough marksmanship to shoot and neutralize.

And, remaining as an FBI Miami field/SWAT agent, he had to do it again. A couple of years later, Risner used accurate handgun fire to neutralize an armed robbery in progress, and the armed robber along with it. As in the 1986 incident, he was the one combatant to survive unscathed thanks to tactics, marksmanship, and decisiveness.

Cabbie Fights Back

It was also in Miami that Mark Yuhr

shot his way into *The Files*. Mark, you may recall, was the taxi driver who was set upon by a Marielito with a stolen Smith & Wesson 9mm auto, and who first decided to rob Mark and then obviously decided to murder him.

Florida had just passed its “model concealed carry law,” which allows any law-abiding citizen to get a gun permit if they have a clean record and a modicum of documentable firearms safety training. Yuhr had taken advantage of that; he was legally carrying a Colt Combat Commander loaded with .45 Silvertip in a Milt Sparks Summer Special holster.

When the gunman came up on him with the 9mm, Mark went for his own pistol and fed the would-be killer a fast clip of .45s.

His antagonist, who never did figure out how to get the safety off on his stolen S&W pistol, gave up the fight on the scene and gave up the ghost in the ambulance. Mark said the Miami police officers and homicide investigators who responded to the shooting couldn’t have been kinder.

Alas, the public and the taxi industry don’t handle that sort of thing well. Mark found himself out of a job.

After his plight was described in *American Handgunner*, readers flocked to help him. There were gunsmiths who offered a custom job on his .45, and Dade County readers—including a surprising number of

cops—who offered to help him find a job. Mark took two of those job offers, and is now gainfully employed again.

Later, when Mark took Lethal Force Institute’s LFI-I course as my guest, we did a videotape in which his incident was discussed in depth. “The Mark Yuhr Incident” is now available for cops, armed citizens, and firearms instructors for \$65 including postage and handling from LFI, PO Box 122, Concord, NH 03301.

I’m almost out of space here, and we haven’t even gotten out of Miami. Let me say that I thank you people for responding to Mark: you were there for a guy who went through a tough time, and he asked me to thank you for that, too.

But he wasn’t the only one you were there for.

Lethal Struggle

The Files wrote up Mark Branham, who was attacked without provocation by a crazed neighbor on Hoot Owl Mountain in Grundy, Va. His skull dented by blows from a Smith & Wesson revolver and a miner’s lantern, and hearing the man with the loaded .38 growl “You son of a bitch, I’ll kill you,” Mark reflexively brought his own S&W Model 19 up and pulled the trigger, instantly killing his antagonist.

The first judge ruled that there was no case against Mark, but a “special prosecutor” hired by the family of the deceased ramrodded through a Murder indictment.

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A jury that included a friend, a relative and a co-worker of the deceased found Branham guilty of the lesser included charge of manslaughter.

The kid had no money. I had taken the case for free, and courageous attorney Gene Compton took it almost that cheap, but nobody hires a man convicted of killing and Mark had no money to pay the enormous costs of the appeal.

But the Second Amendment Foundation in Bellevue, Wash., was there for Mark... and so were you. It was the contributions from *Handgunner*, *GUNS* and *Gun Week* readers to the "Mark Branham Defense Fund" that paid for the successful appeal, that went through a second trial that resulted in a hung jury and the third and final trial that ended in Mark's acquittal.

Today, Mark Branham is a police supervisor with a municipal Virginia police department, a husband and a father. None of that would have been possible without your contributions, without your trust and your support.

The battles go on. First you survive on the street, and then you have to struggle again to survive in the courtrooms, criminal and civil. But, with some good training and a little help from your friends, you get to come home to your family. The lessons learned from those battles are the reason this column exists.

The Good Fight

There's more feedback for later. Hell, we didn't even get out of one city except for a single case in this round of playing catch-up. It was announced last night, the last week of June, 1991, that the 1989 conviction of Officer William Lozano for manslaughter in Miami had been overturned.

The higher court's verdict was correct: the officer didn't get a fair trial, and what you heard about the Miami cop who killed the guy on the motorcycle and triggered a riot was typical media BS.

The aforementioned Roy Black and Mark Seiden will again lead the defense of Officer Lozano, and this time the defense team will go in with all guns blazing so to speak, and I can't tell you any more about it until both my testimony and the adjudication are complete.

Once it's over, though, it'll make a damn good *Files*; there are some startling lessons to be learned from that shooting once you get past the BS and into the reality of the deadly encounter itself.

For now, though, we'll call off the followups. Next issue, this column will be back with the usual dissection of a gunfight and the usual analysis of lessons to be learned. In the meantime, I hope it was useful to find out how some of the people you read about coped with it and came out.

And one more time: thanks for caring about the ones who needed your help. I hope you know what you being there meant to them. I cherish you for that.



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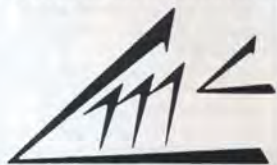


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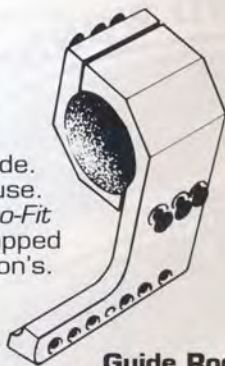
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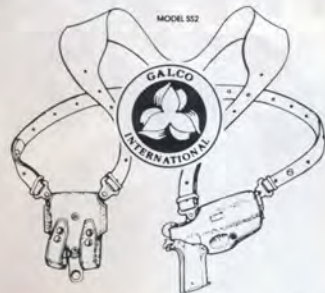
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OEHLER MODEL 35P PROOF CHRONOGRAPH

By John Taffin



A chronograph is an invaluable piece of equipment for a gun writer, or anyone involved in load development for that matter. Many competition shooters have found that they could build much better loads by seeing what was happening rather than accepting the results of a loading manual and hoping the same thing was happening in their particular firearm.

I have progressed through the ranks with Oehler chronographs starting with a Model 12, which required that a shot be fired, the dial run through sixteen separate settings, recording "yes" and "no" mentally or physically, adding the numbers together, and then looking the actual velocity up on a conversion chart. The Model 12 operated on a base two, 0-1, yes-no system.

Thousands of rounds were chronographed over the Model 12, but it caused me extra expense and bad habits. Since one had to stop after each shot, I quit trying to chronograph and shoot for accuracy at the same time, resulting in the need for extra time and extra ammunition. It took me quite awhile to realize that I could do both at the same time as more advanced chronographs with memories became available.

Moving to the Model 33 was a great step forward. I could shoot a number of shots, press the button and the 33 would tell me the average velocity among other pieces of valuable information.

The 33 has two drawbacks: it did not have a printer, which at the time I did not realize was even a hindrance. An example of not missing what one has never had, but not willing to give up now that I do have one.

Secondly, the power was provided by six D-cell flashlight batteries and I do believe weird readings were sometimes caused by the batteries breaking contact as a result of muzzle blast.

Now arrives the Model 35P. The Model 35P has a built-in printer that uses ordinary adding machine tape. It will not accept a full roll. It is a simple matter to unravel the full roll of tape and re-roll a new one. When it looks large enough to fit the 35P, just tear it off and install the newly made roll. Takes about two minutes.

Instead of the normal two skyscreens, the Oehler Model 35P is set up with three screens. They are used in pairs to give two velocity readings instead of one. Here is an example of a printout from the Model 35P.

A .44 Magnum Smith & Wesson stain-

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less Classic Hunter, six-inch was used, with the load being 22.0 grains of #2400, Bull-X 240 grain cast semi-wadcutter, Federal .44 Magnum brass, and Federal #155 primers:

1545-01-1542
1553-02-1550
1544-03-1541
1533-04-1531
1538-05-1536

This records the five shots, numbered with two velocity readings for each shot.

It is important to note that the two velocities are *not* from two chronographs. Misinformed writers have called the Model 35 "two chronographs in one," but that is completely false. The Model 35 is one chronograph with two "stop" screens, that's all. The two velocities shown are both triggered by the same "start" screen and then the velocities are calculated separately for each of the two "stop" screens. If you get a bad shot from muzzle blast or anything else, you just get two bad readings instead of one! Don't think that the Model 35 eliminates bad readings, it doesn't!

After you get the velocities, then a push of the "summary" button gives this read-out:

05-1550 +
05-1531 -
05-0019 E
05-1540 M
05-0007 S

This print-out tells the operator that there have been five shots, the high velocity was 1,550 fps; the low was 1,531; the extreme spread was 19 fps; the average was 1,540 fps; and the standard deviation was 7. The only thing that the machine does not tell the shooter is time and temperature.

The printed tape can be left in the machine or torn out and placed in a file. The length of tape that can be allowed to accumulate unrolling from the top of the 35P is directly proportional to the amount of wind that is being experienced.

A push of the "edit" button and the 35P is ready to record a new string. If the "edit" button is not pushed the new shots will be added to those already in memory.

The Model 35P is powered by a nine-volt battery that is easily installed and a place is provided for the storage of an extra battery. I have found that I can get about six hours of continuous operation from one battery.

Instead of being equipped with an "on/off" switch, the Model 35P starts up when the front skyscreen is plugged in and stops when it is removed. The reason for the lack of a switch is to prevent the unit being left on while in storage. I've done it more than once with the older Model 33

and found dead batteries when the unit was unpacked from its carrying case.

I have been using the Oehler Model 35P for about three months now with many thousands of rounds of everything over it from .22 rimfires up to the .454 Casull. It has never failed to give a reading for any shots fired. The reason is probably the fact that the Skyscreen III's furnished with the Oehler Model 35P cover more than five times the shot-pick-up area of the Skyscreen II's, 84 square-inches as opposed to 16. This is a valuable improvement.

The complete Oehler Model 35P with three Skyscreens and built-in printer is priced at \$345. It is necessary to mount

the skyscreens to something and Oehler offers a four-foot mounting rail plus two folding stands for an additional \$50.

The length of cord attached to each skyscreen is sufficiently long enough to allow the mounting rail and stands to be placed far enough in front of the shooter that muzzle blast does not disturb the skyscreens.

Of interest to Model 33 owners will be the fact that original owners who purchased the Model 33 directly from Oehler can upgrade their unit with a printer for \$160. For complete information on Oehler products contact Oehler Research, Inc., P.O. Box 9153, Dept. AH, Austin, TX 78766.



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NEW!

The Gun Digest Book of FIREARMS ASSEMBLY/DISASSEMBLY PART IV: CENTERFIRE RIFLES, Revised Edition

By J.B. Wood



#AS4R **\$17⁹⁵**

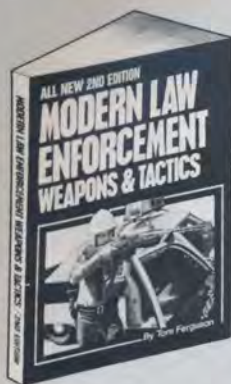
Greatly *expanded* revision of Part IV of this best-selling six-book series. Approximately 55 basic centerfire rifles are covered including about 25 guns not covered in the original. In addition, this revised edition now includes most *variations* of those basic models integrated right into the text and completely cross-referenced in the index. Over 270 centerfire rifles are covered in all. Wood begins by disassembling the gun to "field strip" level, with photos and text accompanying each step. Then, he moves on to complete disassembly down to the last pin, spring and

screw (with the same meticulous detail). Small differences in procedure from the basic gun to the variations are noted in the text. Where complicated variations of procedure exist, a separate sequence of photos and illustrations is included. Because special tools are often needed for complete disassembly, an illustrated section on tools as well as a list of sources for some of the more specialized items are also included. The most comprehensive and professional presentation available to either hobbyist or gunsmith. Contains over 1000 photographs in 480 8½" x 11" pages.

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By Tom Ferguson



#MLE2 **\$16⁹⁵**

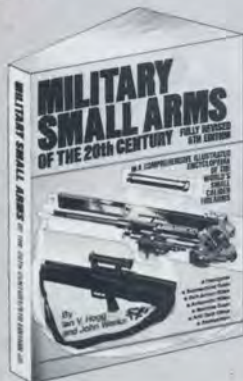
The author has been a working street cop in a bad part of town, a law enforcement firearms instructor and a working detective. In short, he has seen it all and has a feel for what the working police officer thinks, wants and needs in his efforts to uphold the law. This all-new edition concentrates on the firearms and equipment used by conventional law enforcement agencies, with emphasis on what is in service and why it came to the forefront ahead of the competition. Ferguson also concentrates on proper training, including street survival techniques that are not part of the regular police training curriculum. The book is divided into three sections. The first is a comprehensive and critical look at the basic guns,

including automatic weapons. The second covers law enforcement ammunition, special equipment such as gas, sights, batons, anti-personnel gear, flashlights, vests and protective gear, followed by a definitive discussion on proper training in handgun, rifle and shotgun use. Section three looks at special details such as the K-9 Corps' bomb, dope and patrol dogs; bomb squads, including personnel required, special equipment, standard operating procedures and real life solutions. Some of the author's opinions may explode doctrinal thinking but they're opinions that are the direct result of action in the street. 256 8½" x 11" pages.

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somewhere between pistols and sub-machine guns, which possess fearsome firepower. Among them are new designs from FN, Steyr, Giat and the new Bushman from Great Britain. The second is the development of very heavy, long-range sniping rifles with which to attack enemy equipment, such as the Steyr AMR and the Barrett Light Fifty. In between these two extremes there have been a number of significant innovations in the standard small arms divisions, many the result of designs entered for the U.S. Army's Advanced Combat Rifle contest. Over 500 illustrations. 352 8½" x 11" pages.

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HUNTING

Continued from page 28

conversion did the same thing only the groups were reversed by weight. Try that with your iron-sighted revolver.

The simple fact of the matter is an optical sight will make you a far better and more effective hunter— just as it does for riflemen.

Sportsmanship

It's odd how various people— particularly in a variety of countries— view

occurred on day while walking down an old road with a guy named Frouse Willie.

A covey of quail ran out into the open ahead of us. I got ready to mount my gun and shoot. Frouse mounted his gun.

I said, "Hell, you aren't gonna shoot 'em runnin', are ya?"

He answered, "No, I'm gonna shoot 'em when they stop."

About that time they did and he did. A few came out of the dust cloud the shot raised and I think I dropped one. Frouse had eight or nine— enough for a meal for the family.

I was about 12 and he was about 20. I was a sportsman hunting for food for the

which results in better shot placement which can certainly be argued to be more sportsmanlike than a sloppy iron sight shot.

It also tells you not to shoot very frequently due to the ability to see intervening branches invisible to the iron-sighted eye.

If you have a weapon capable of shooting lengthwise through an animal, why do some people think it unsportsmanlike to shoot him if he is facing you?

For all practical purposes, the bullet will strike the same things going in either direction. One of the most famous and respected professional hunters in Africa taught me this.

Reading the *Grand Masters* of professional hunters taught me the pelvis and spine/tail shot. A shoulder or spine shot frequently drops the animal on the spot but requires a finisher. A pelvis hit is just as fast— maybe faster— than the shoulder shot and requires the same finisher.

The shoulder shot is considered great and the pelvis frowned upon as unsportsmanlike. Instantaneous one-shot-kills are great when you get them, but when you don't get them I consider it unsportsmanlike if you do not keep shooting as long as the animal has it's head up— and sometimes when it's head is down.

Frankly, none of us know positively what is going to happen when we pull the trigger. If you think you do— you just haven't pulled a trigger often enough.



"Hell, you aren't gonna shoot 'em runnin', are ya?"

"sportsmanship" in hunting. Consider this.

I was taught as a child it was unsportsmanlike to shoot a sitting bird or blow the head off a sitting rabbit. If you hunted in a place where rifles were safe you were supposed to head-shoot squirrels, although a .22 hole through any part of a running rabbit was acceptable. It was highly unsportsmanlike to ever shoot into a squirrel's nest.

One of my earliest memories of being shocked by a hunting companion

family. You might say Frouse was a real-ist hunting for food for the family.

Does it make sense that you are *supposed* to shoot flying birds with a shotgun but not shoot a moving animal far larger and frequently easier to hit with a rifle or pistol?

Does it make sense that scopes on rifles are preferred by the same people who ridicule optical sights on pistols?

To my way of thinking, the scope simply gives a more defined aiming point



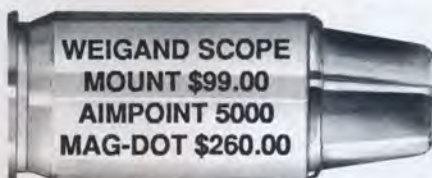
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HANDLOADING

Continued from page 33

this new powder. The temperature in the reloading building had been on average, 90° F. or higher during the daylight hours. There are three large windows, and even though the building is well insulated for heating in the winter, the sunlight in the summer does raise the temperature inside.

Additionally, the 3N37 reloaded 9mm ammunition had been lying in the sunlight during the morning hours each day of that three week period, and the incident took place about 1:30 p.m.

Of course, the possibility existed that I simply went beyond the recommended reloading guidelines in developing my load, but imagine my surprise when I looked up their recommendation in Nuremberg and found the following:

For the 147 grain TMJ Speer bullet using 3N37 powder VihtaVuori recommends a beginning charge of 5.9 grains and a maximum charge of 6.3 grains!

When the major parts of my registered (both state and federal) full-auto Uzi went south I was still a tenth of a grain under their recommended maximum!

Therefore, in my opinion—and I must emphasize it is only an opinion and not scientific fact—VihtaVuori 3N37 is temperature sensitive and should it become available in this country reloaders should handle it with care.

Nine Major Ammo

Now then, there was another facet to this 9mm Major controversy to be seen at IWA this year and that was the announcement that factory ammunition is now available in Major scoring category for European IPSC shooters in 9x19mm, 9x21mm and .38 Super Auto!

Fiocchi of Italy has two 9x21mm loads listed in their catalog that will make Major as well as a 9mm Luger and .38 Super load.

The two 9x21mm loads come in either lead or FMJ and weigh 123 grains with a reported muzzle velocity of approximately 1,424 fps and a 175 power factor.

The 9mm Luger load is also a 123 grain lead bullet at the same velocity and power factor.

The .38 Super load is even more interesting. It sports a 129 grain bullet at a reported muzzle velocity of 1,358 fps or a 175 power factor.

Will this factory ammunition become available in this country?

"Depends," was the reply from Bob Oxsen of Fiocchi of America, Inc.

It seems the Italians feel they have the market to themselves and in some European countries they do because reloading is prohibited. In Italy, you can not possess more than eight ounces of powder at any time, and that is eight ounces more than

you can in Spain, so factory ammunition is mandatory for IPSC shooters in those countries. Hence, the need for factory ammo making Major in both .38 Super, 9x19mm and 9x21mm.

Fiocchi of Italy was the first to recognize this and has hung three prices on one box of ammo. Oxsen is quite aware that is not going to work in this country and refuses to import the ammo at that price. But if Fiocchi of Italy will listen to reason, he is more than willing to import this ammo at a competitive price.

Oxsen knows that an unrealistic price in today's market just won't work even if just about everyone would purchase one box of factory 9mm Major as a novelty item. What he wants is a serious and competitive price for the American market.

If he gets it out of Italy, look for factory loads in 9mm Major and .38 Super Auto using bullets weighing less than 130 grains!!

Now, wouldn't that be something?

Late News

Editor's Note: Regular readers will recall from last issue's Industry Insider column that Hodgdon Powder Co. is developing a new powder to make Major in 9mm. It turns out that Hodgdon has been working with none other than VihtaVuori 3N37. Frank James filed this late report on Hodgdon's progress:

As we go to press I just received this update from Tom Shepherd and Ron Reiber of Hodgdon Powder Co. They had tested the 3N37 sample I had provided for loading the 9mm Luger cartridge and their reply is "There is no way this powder will make IPSC Major under SAAMI specifications."

Shepherd went on to explain that they had tried every bullet weight and powder charge possible, but not one would stay under the SAAMI maximum chamber pressure for 9mm Luger, including those listed in the VihtaVuori loading guide.

"A 115 grain bullet propelled by 7.0 grs. of 3N37 yields 1,200 fps at 33,000 CUP, which is the industry maximum. They need 1,500+ fps to make Major," reads Reiber's report to Shepherd.

The 147 gr. bullet needs at least 1,190 fps to make Major, but the 6.2 gr. charge recorded only 1,100 fps and a pressure of 33,000 CUP.

Reiber's report probably summarizes it best when he concludes, "There ain't no magic in 3N37."

Despite the lack of promise of 3N37 making major, Shepherd said Hodgdon Powder Co. will continue to research a propellant to be sold under the trademarked name of Major Nine™. He said there are several avenues open to Hodgdon, including the publication of reloading data for Major Nine™ for a non-standard (i.e., wildcatted for overall length and chamber leade)

9mm Luger cartridge.



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TAFFIN TESTS

The latest magnum offering (at least as this is written and certainly subject to no less than immediate change) turns out not to be so new after all. In fact it has been around for nearly 15 years, a cartridge without a home.

semi-automatics to fire them in. The .45 Win. Mag. was a lengthened .45 ACP and the 9mm Magnum, naturally, was a 9mm Parabellum stretched .4".

Actually the 9mm Magnum has roots earlier than the 1970s. In fact, it goes all the way back even before the War to End

Even the .38 Super offered less in terms of muzzle energy than the 9mm Mauser and it was hailed as a great step forwards in 1930, five years before the advent of the .357 Magnum.

Winchester 9mm Magnum brass and loaded ammunition have been somewhat

the 9mm Magnum

Sometime in the late 1970s Winchester introduced two new cartridges to rival the two most popular Magnum sixgun cartridges, the .357 Magnum and the .44 Magnum. The challengers were the 9mm Magnum and the .45 Winchester Magnum.

As so often is the case, the best laid plans of mice and men went awry again—the ammunition was produced, but alas no

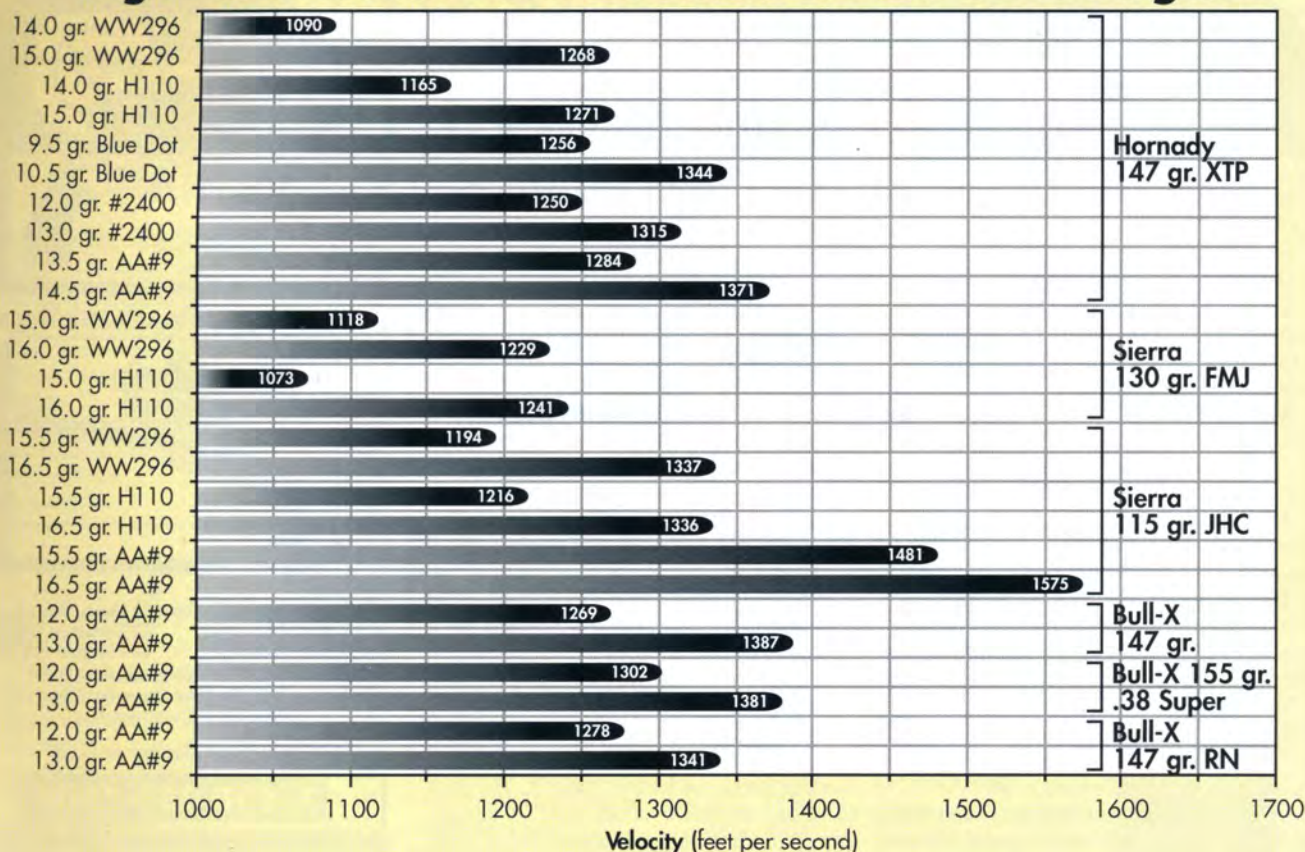
All Wars.

The original 9mm Luger saw the light of day in 1902. By 1908 the 9mm had already been "magnumized" for use in the Mauser pistol and the 9mm Mauser offered a 128 grain bullet at 1,360+ fps. It must have been too much of a good thing in those pre-.357 Magnum days and by 1914 the 9mm Mauser pistol was gone.

available for years, but no guns have surfaced until recently. The cartridge without a home has finally found a resting place in the AutoMag III. First chambered for the .30 Carbine, the stainless AutoMag from IAI (6226 Santos Diaz, Dept. AH, Irwindale, CA 91702. Phone 818-334-1200) is a natural for the 9mm Magnum.

Weighing in at an easy packin' 44

High Performance Favorite Loads for the 9mm Magnum



WARNING: Neither the author nor **American Handgunner** accept responsibility for results obtained with this reloading information due to the inherent variation in handloading components and individual reloading techniques.

ozs., the 9mm Magnum AutoMag is an excellent shooting self-shucking pistol. In fact, it is an excellent shooting handgun *period* and needs to take a back seat to none in the accuracy department. I cannot say if this is a result of the gun, the cartridge, or both.

Promised factory loads never materialized so I have not had the opportunity to try the Winchester loaded 9mm Magnum which I have heard is a 115 grain bullet at anywhere from 1,475 to 1,550 fps. The latter muzzle velocity may be from the 6 $\frac{3}{8}$ " barrel length of the AutoMag.

As with the 10mm Magnum, all loads developed for the 9mm Magnum were strictly arrived at by looking at other cartridges, such as the 9mm, .38 Super, .38 Special, and .357 Magnum, and then trying to make a scientific guess as to what would work. I assumed that muzzle velocities would be somewhere in between the 9mm Parabellum and the .357 Magnum with comparable weight bullets and that is exactly where the 9mm Magnum falls. Closer to the .357 Magnum than the Parabellum I might add.

My first effort at reloading 9mm Magnum brass was with 9mm carbide dies, in this case Hornady, but I don't believe the brand name made any difference as I have run into the same type of problem when trying to use .44 Magnum carbide dies with the .445 SuperMag.

With the SuperMag, the problem is the raising of a belt above the rim as the carbide die pushes brass ahead of the base of the die. When using 9mm carbide dies with the 9mm Magnum, the necks are sized down excessively resulting in an odd looking round with a bullet seated that looks like a size 50 man in size 44 pants.

Switching to standard 9mm dies, in this case RCBS brand which require lubing of cases, put an end to the problem.

One of the strangest occurrences in nearly four decades of shooting took place while shooting the 9mm Magnum. No, not *one of*, it was definitely the strangest that I have ever experienced.

Shooting the 9mm Magnum AutoMag III, the slide failed to go all the way into battery. And like everyone else does—and which I will never do again!—I tried to push the slide completely forward by pressing on the back of it with my thumb. The round, loaded with Sierra 130 grain bullets, would not allow the action to close completely.

Pulling the slide back, I tried to chamber another round. Same problem.

So, the magazine was removed, and five new rounds were inserted in it and the magazine was re-inserted in the AutoMag 9mm. Same problem.

The magazine was removed and only then did I decided to look down the barrel.

I did not see any daylight, so a wooden dowel was retrieved from the cleaning kit and with very little effort, a "bullet" was tapped from the rifling. It had

entered just enough to prevent the next round from chambering. Praise the Lord for that.

If the slide had gone a little further...

I do not recall hearing or feeling a squib load. But that is not the strange part. The bullet was not a bullet at all but a full metal jacket only with no core. Where was the core? It couldn't blow out the barrel as the jacket fully enclosed the nose. Where did it go?

Could it have been a coreless bullet to begin with? I hardly think so. Could I have loaded a jacket only and not notice the extreme lightweight? Again, I hardly think so.

So where is the core? Why did the jacket alone remain in the barrel? Why did I not experience a squib load? This is just one of the many mysteries that keeps reloading so interesting.

My initial loadings of the 9mm Magnum revolved around the fact that the factory load is a 115 grain bullet at around 1,500 fps. I miked all fired cases and a load of 14.5 grains of #2400 with Sierra 115 grain JHC gave 1,470 fps and the fired case measured .3905" in diameter above the web.

Going up to 15.5 grains of #2400 increased the velocity to 1,571 fps and also increased the diameter of the fired brass by .001" to .3915". Unfired, sized brass measures .387" at the base.

An excellent bullet for the 9mm Magnum is the new Hornady 147 XTP. With all Hornady pistol bullets XTP stands for Extreme Terminal Performance and reports coming in substantiates that the bullets live up to their name.

Eleven loads were tried with the 147 XTP using WW296, H110, Blue Dot, #2400, and AA#9. When I hit over 1,400 fps with 14.0 grains of #2400, I backed off to 13.0 grains and would suggest that velocities be kept well under 1,400 fps with this weight bullet.

A favorite 147 XTP load is 13.5 grains of AA#9 for 1,284 fps with the best four-out-of-five at 25 yards going into one and one-half inches which is astounding accuracy for an untuned semi-automatic. For that matter, it is astounding for a high-priced custom tuned semi-automatic let alone a magnum-classed production gun. And it gets even better.

The Sierra 130 FMJ bullet puts best four-out-of-five into one inch at 25 yards using 16.0 grains of WW296 for 1,229 fps or the same amount of H110 at 1,241 fps.

The best four-out-of-five shots scenario was especially appropriate for the test gun as the trigger was quite sloppy and would move from side-to-side often resulting in a failure to fire. The problem seemed to be that the trigger and other inner workings were held in by the right grip and it was not holding everything together quite right.

Sierra's 115 JHC is also a stellar performer in the 9mm Magnum with groups around one inch being the norm. The

most accurate load turned out to be a mild 15.5 grains of H110 for 1,216 fps, followed very closely by 15.5 and 16.5 grains of WW296 for 1,194 and 1,337 fps respectively; 15.5 grains of #2400 for a warm, but very accurate shooting 1,571 fps; and last but certainly not least, 15.5 grains of AA#9 for 1,481 fps.

All loads were assembled with Winchester WSPM primers and all loads assembled proved that it is very difficult to find a bad load for the 9mm Magnum, especially with 115 grain bullets.

Results with cast bullets and the 9mm Magnum are not quite as spectacular as jacketed bullets but still excellent by anyone's standards. Four different cast bullets were utilized, the home brewed Lyman #358156, a gas-checked 155 grain bullet designed by Ray Thompson for use in the .38 Special and .357 Magnum. I also tried three Bull-X commercial cast bullets: the 9mm 147 grain flat point that is a real winner in both 9mm Parabellum and .38 Super loads, the 155 grain .38 Super flat point, and the .38 Special 158 grain round nose. The latter was sized at .358" while the other three were all .356" in diameter.

Surprisingly—or perhaps not so surprisingly—the best cast bullet load accuracy-wise turned out to be the Bull-X 158 grain .38 Special bullet over 12.0 grains of AA#9 and 1,278 fps, shooting into just barely over an inch at 25 yards. Bull-X's 155 grain .38 Super Bullet shoots into one and one-half inches at 1,300+ fps with either 12.0 grains of AA#9 or 9.5 grains of Blue Dot.

Thompson's .357 bullet continues its perfect record and once again did not let me down as it carries on the proud tradition of accuracy it maintains in the .38 Special, .38/44, .38 Super, and the .357 Magnum. With the 9mm Magnum it does it with 9.5 grains of Blue Dot at 1,335 fps.

Just what is the 9mm Magnum good for? I certainly would not replace any of my excellent defensive sixguns or semi-automatics with the 9mm Magnum.

The AMT 9mm Magnum is not so bulky that it could not be made into a four- or five-inch barreled carry gun, but since it is neither a double-action pistol, nor can it be carried cocked-and-locked, it is unlikely to be pressed into service as a defensive gun.

It does, however, make an excellent field pistol and cartridge for the hiker, camper, fisherman and is certainly adequately powerful for taking varmints up through coyote size.

Accuracy-wise and handling-wise it would make an excellent silhouette pistol cartridge, but not for the long range course where heavyweight bullets and a long barreled .357 form the minimum standard. It should really shine as a Hunter/Field pistol cartridge on the short course and the AMT AutoMag III certainly has the accuracy for this game.



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COP TALK

Continued from page 24

tomorrow. If you need refamiliarization with your service or backup weapon, do it *now*.

The Dark Place

Don't tell me that the practice, the ammo purchase, the price of the vest or the backup weapon or the new gun are inconvenient. If you want a new definition of inconvenience, talk to the fresh widow and fatherless children of a murdered cop or guard.

If you are new to the job, too inexperienced yet to have taken your turn in the Dark Place, let me give you one bit of advice from 17 years behind the badge, much of it spent intensively debriefing the survivors of the worst violence a cop can face.

The first time most of us were forced

**What's the
difference when
the life at risk is
yours, when if that
life ends you'll still
never see them
alive again?**

to the edge of Death and looked down into the abyss, we learned the most horrible aspects of losing your life. You realize at that moment that everyone you love will be lost to you as surely as if they had died instead.

You won't see your kids grow up.
You won't grow old with your spouse.
You won't have the chance to tell your parents how much they meant to you if you haven't already.

Death will have separated you.
If it was your spouse, your child, your parent who was at risk of murder, would you still be putting things off or would you find a way to make the preparations *now*? You know the answer.

What's the difference when the life at risk is yours, when if that life ends you'll still never see *them* alive again?

By the time you read this, we'll have started the class the guard was signed up for with a moment of silence, and dedicated the week's program to Norman Demers, who couldn't be there. No instructor you ever had or ever would have had wants to do that in *your* memory.

If you've identified something that will help you stay alive to come home to your loved ones—find it, obtain it, *do* it.



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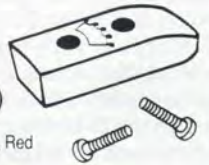
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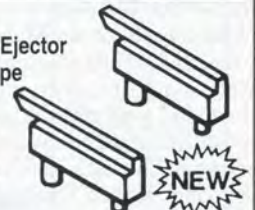
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COMBINE A HOLIDAY WITH TWO TOP IPSC MATCHES IN SCENIC COLORADO

The key ingredient for a successful career in competition shooting is not equipment, talent, or training. It's a spouse who is willing to put up with the expense and time involved, who will accept your explanation of why the \$2,500 race gun that took a year to build is already obsolete only three months after delivery, and who will tolerate weekends spent at dusty ranges rather than doing things normal people do.



A good way to show such a spouse your appreciation is to take the family on a vacation trip to some scenic area; and if there happens to be a match going on in the area at the same time, think of it as a reward for your thoughtfulness.

Just such an opportunity arose in July of this year. The Colorado State Championships were scheduled for July 5-7 at Paul and Kerry Miller's superb new San Juan Range near Montrose, while the Coors/Springfield Armory Challenge followed a week later just 110 miles south at Durango. Two great matches, with time in between to do some touring and sightseeing with the family.

Within a relatively small area is some of the most strikingly beautiful country on earth: the Colorado National Monument, Canyonlands National Park, Arches National Park, the Black Canyon of the Gunnison, and Mesa Verde National Park. There's far more to see and do than one could accomplish in five years, much less five days.

Best Match

But as the poet says, the best laid

plans of mice and men sometimes get kicked in the gut with an iron boot. Some unexpected problems delayed our departure and to my great disappointment I had to miss the Millers' match.

My disappointment increased when I started hearing about the match from friends who were there and every one started his evaluation with the word "best."

"Best match I've ever attended."

"Best range facilities in the world."

"Best organization I've ever seen."

The level of competition was likewise topnotch, with over 200 shooters present. Colorado has one of the highest concentrations of Master-class shooters in the country, including names well known on the IPSC circuit such as Floyd Wine, Charles Putman,

and Larry Spain.

Arizona, another IPSC hotbed, was likewise well represented. Match winner Ron Avery, a deputy sheriff from Steamboat Springs, Colo., used an iron sighted 1911 .38 Super built by Gary Kimball, beating the big capacity, optically sighted

9x21s in the hands of Rob Leatham and Michael Voight.

The Challenge

Despite a late start, our vacation went pretty much as planned, winding up in Durango. The Coors/Springfield Armory Challenge is one of the best kept secrets on the IPSC circuit.

Range size and time constraints limit entries to about 150 shooters, and the match always sells out months in advance. Shooters from previous years are offered first chance to attend so a newcomer has to apply early and hope for the best.

I hadn't really expected to shoot but having heard so many rave reports of this match I had to see what was going on. Besides, with so many Master shooters present, it was a chance to keep abreast of trends in the equipment race.

As it happened there were a few no-shows and thanks to Match Directors Greg and Theresa Offut, I was able to enter at short notice.

Big Money Blahs

What makes this match so popular? In my opinion, two things; good sportsmanship and good fun, qualities that I'm afraid are becoming less evident at some of the big money, high profile matches.

Pistolsmith and ex-Indianapolis race car crew chief George Huening told me two or three years ago that as cash prizes and factory involvement increased, the fun and sportsmanship would go out of shooting, just as he had seen it happen in auto racing.

On balance, I think the increased financial rewards and resulting media exposure have been good for the shooting sports, yet there have been disturbing signs that Huening's predictions are coming true.

At some recent major matches we've seen protest after protest, complaints about officiating, complaints about prize distribution, arbitrations, competitors looking for loopholes in the rules that can be used to their advantage, shooters looking so morose and glum one would think it was a capital offense to enjoy the shooting sports.

There was none of that at the Coors/Springfield Armory Challenge. 150

Did you deliberately miss all those targets out of some misguided sense of chivalry, or are you just one of those California wusses?

competitors shot seven stages in about seven hours without a complaint, a protest, or a reshoot. Fun at this match was not optional, it was practically mandatory.

Revenge Of The P-9

The match was also the revenge of

the P-9's, as Rob Leatham and Mike Voight placed first and second with their optically sighted Springfield Armory 9x21's, pushing Ron Avery to third position.

The story of the match, though, was a superb display of shooting by the women's U.S. and World Champion Debby James who placed 12th overall with a Master-class score; then went on to place second in the shootoff, beating out Floyd Wine, husband Russ James, and Mike Voight, and ultimately beating Leatham in the first bout of the final before losing the next two.

After the shootoff I did my Sam Donaldson impersonation, asking Voight, "Mike, did you deliberately miss all those targets out of some misguided, patronizing sense of chivalry, or are you just one of those California wusses who falls to pieces at the thought of being outshot by a woman?"

Leatham, who was nearby, answered for him, "It was the second one, the

California wuss thing, right, Mike?"

New Scopes And Guns

Iron sights were still much in evidence at the match, but the trend is towards optics, as it is everywhere. The Aimpoint 5000 and Tasco Pro-Point PDP3 with 10 minute dots seem to be the optics of choice.

You say you've got one of the older Tasco PDP2s with the small dot? No problem. Send it to Ross Deane, 25753 Covala Cr., Valencia, CA 91355 and for \$50 plus \$5 for shipping Ross will disassemble your PDP2 and adjust the dot to any size you want, from six to 18 minutes of angle. (He recommends a 12 minute dot for IPSC use.)

The field of view of the PDP2 is smaller than the PDP3 but the metal in the sight tube is thicker and Deane feels it is a stronger sight. His number is (805) 255-3357.

IPSC guns, incidentally, are proving to have an absolutely brutal effect on optical sights. Especially with "pocket rocket"



Paul and Kerry Miller at home on their superb new range.

loads, 135 gr. bullets at 1,300+ fps, recoil is extremely sharp and quick, slide velocity is high, and today's highly effective compensators virtually eliminate muzzle rise and channel all the recoil straight back.

Sight construction that is perfectly adequate for light loads in revolvers is proving to be inadequate for such use. The manufacturers are aware of the problems and are working hard to solve them, but they aren't there yet. Unless you have a big supply of spare sights, try cutting back the velocity of your practice loads and save the hot stuff for matches.

Durango gunsmith Floyd Wine has begun producing a sight base for 1911 and P-9 style pistols, milled from a block of forged aluminum. The single scope ring is integral with the base to keep the sight as low as possible. Price is \$100; he charges \$35 for mounting the base on 1911 pistols, which includes silver soldering or TIG welding spacers to the forward extension of the frame. Call (303) 247-0467 or write 21719 Hwy. 160 W., Durango, CO 81301.

One of the reasons I attended this match was to meet pistolsmith Gary Kimball, who quietly and without much fanfare has been building a reputation for excellence.

I was able to examine a dozen or so of his guns and test fire a couple. The *Handgunner* will carry a full story on Kimball's work in a future issue, but for now here's a hot tip.

Kimball's A-Zone compensator design is one of the most effective made, his workmanship and detailing are absolutely second to none, and at present his waiting list is fairly short.

Once Kimball's work starts getting the national recognition it deserves, the waiting list is bound to get much longer. For a brochure on packages and prices for 1911 and Para-Ordnance work send a stamped self-addressed envelope to Gary Kimball, 1526 N. Circle Dr., Colorado Springs, CO 80909 or call (719) 634-1274.

San Juan Range

Following the match we took the three-hour drive north to get a look at the San Juan range near Montrose. This has to be the best IPSC shooting range in

Continued on page 107



Mike Voight kicks into hose-mode with his Pro-Pointed Springfield Armory P-9.

GETTING WITH AUTO



Check the extractor tension by placing a round against the breech face—the extractor should hold it in place when properly tensioned.



Lead build-up in the chamber is a frequent cause of "failure to go into battery." Thorough cleaning solves it.



A Q-Tip rubbed down the extractor hole in the slide keeps grunge from building up. Clean the firing pin hole while you're at it.

By Ed Brown

The first thing you need to compete in IPSC is a reliable pistol! These words of wisdom were spoken to me several years ago by the first IPSC world champion, Ray Chapman.

He had learned long ago the importance of reliable equipment and how to make it even more reliable by proper use.

The DVC symbol in the IPSC logo is Latin, and stands for Accuracy, Power, and Speed. Also, it should include something about reliability, for without that most important commodity, DVC is impossible.

Everyone's goal should be complete reliability, but with combat shooting growing as fast as it is, there are many new people who have not yet learned how to get the most out of their equipment.

Three Causes Of Jams

My suggestions to improve reliability center on the popular 1911 design, but the basic ideas apply to any autoloader.

Have you ever noticed that the best shooters never seem to have any malfunctions, and new shooters hardly ever finish a match without one? There are several reasons for this.

Let's break the reliability problem down into three major parts and discuss each in detail. I think they should be ammunition-induced malfunctions, mechanical problems, and improper gun handling.

Reload Problems

Reloads are the rule for most shooters because the cost of factory ammo prohibits most of them from doing the amount of shooting they would like. The reloads themselves are not the prime cause of malfunctions, but poor workmanship from the person doing the reloading.

The shooters in this country are very lucky to have just about any kind of reloading component readily available to them. This applies to reloading books as well. These books should be treated as the bibles of reloading and the ammo assembled exactly as recommended. Especially concerning the outer diameter and overall length.

Auto pistols have been designed to feed with a certain diameter and length cartridge and the smart shooter will stick closely to these dimensions with a good pair of calipers close by for frequent checks.

Always taper crimp autoloader cartridges gently to the spec shown in the

ALONG YOUR PISTOL

The 1991 Outstanding American Pistolsmith reveals his secrets for keeping an auto reliable and jam free.



manual. Do not overcrimp thinking if a little does good, a lot does better. Over crimping reduces bullet diameter, hurts accuracy and could be the cause of malfunction by swelling the case below the crimp.

Poop On Primers

Primers deserve close attention because they are the spark plug of the cartridge. You probably think I'll mention a favorite brand, but to tell you the truth, I've never noticed much difference. The smart shooter will not switch brands without checking the chronograph results.

You may not be able to tell any difference by shooting, but the chronograph will point out even the slightest change. Handling of primers is very important and is one small area that should never be overlooked.

Never handle primers with your fingers! Even the slightest lubricant can affect primer performance. Carefully dump the primers into the flipper tray and load them into the primer tube from there.

Seat primers carefully and try for the same pressure each time. If the seating pressure feels light or heavy, there is probably something wrong with the case. Better drop this round into the practice jug.

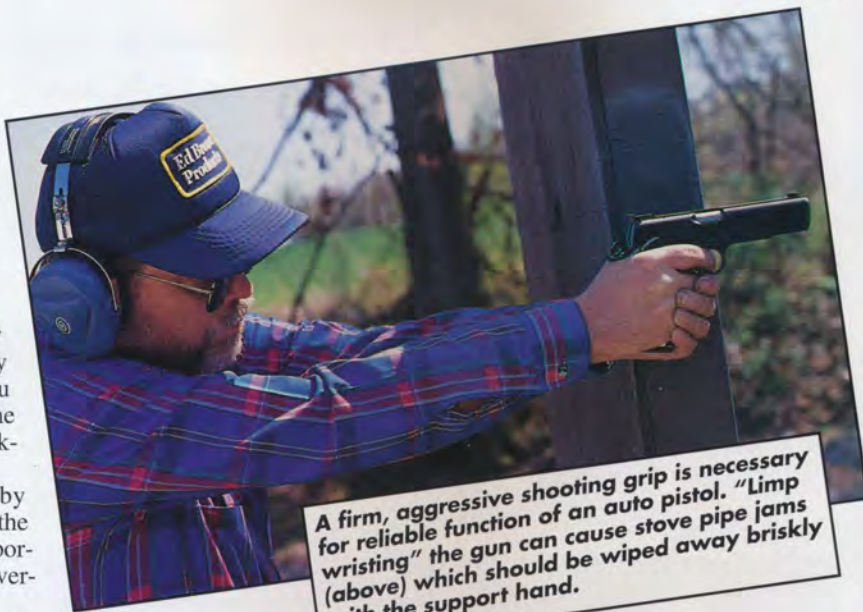
Bad Bullets

Bullets are always a problem. Bullet casters are facing stiff competition and are trying to cut their costs any way possible. The most important component in a cast bullet is tin. Tin alloys the lead and antimony and allows a hard bullet to take the rifling without soldering to the bore.

Unfortunately, tin is the most expensive part and therefore the first place to look when costs need to be cut.

Hard bullets are an absolute necessity in an autoloader. The bullets must not deform on the feed ramp, solder to the bore, or lead the chamber. They must never be loose enough to move during the feeding cycle. To do so acts exactly like an automobile shock absorber and really brings things to a halt. The only suggestion here is to keep trying different mak-

Continued on page 90



A firm, aggressive shooting grip is necessary for reliable function of an auto pistol. "Limp wristing" the gun can cause stove pipe jams (above) which should be wiped away briskly with the support hand.



BROWNING HI-POWER

The pure classic. This quintessential high-capacity 9mm was John Browning's last pistol design. And some say his best.

By John Taffin

Photos by Ichiro Nagata

Classic: (*klas'ik*) of recognized worth, model of excellence. Used often to describe works of art, or literature, or music, *classic* also applies to firearms.

Some companies even use the word *classic* to describe their guns—Smith & Wesson's Classic Hunter or MagnaClassic. Perhaps they are already looking to the future and holding high hopes for their new creation.

Few firearms, and even fewer hand-

guns, deserve to be labeled classic. The Single Action Army, the Government Model, the Python from Colt. The original .357 and .44 Magnums (now Models 27 and 29) and the Combat Magnum (Model 19) from Smith & Wesson. The .22 Mark I, .22 Single-Six, and the Super Blackhawk from Ruger. All are genuine classics.

The Smith & Wesson Triple-Lock, the Colt New Service, the Ruger Flat-Top

Blackhawks, all are out of production but all are deserving of the sobriquet of classic. And who can doubt that the Freedom Arms revolver is on its way to becoming a genuine classic.

Only one other currently manufactured handgun breaks into the Top Ten of Classics of those handguns still manufactured and that honor, at least in this writer's opinion, goes to the Browning Model 35, the Hi-Power.

Firearms Genius

John Moses Browning was a genuine firearms genius, pure and simple. A complete genius also in that he designed all types of firearms, most notably Winchester lever guns.

Has there ever been a slicker handlin' carbine than the Winchester Model 92? Or a better woods rifle for deer than the Winchester Model 94 .30-30? Both Browning designs, of course.

Browning was born in Ogden, Utah, in 1855 and grew up at a time when the muzzle loader was being replaced by the





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cartridge firearm. After their father's death in 1879, the Browning boys took over his gunshop. John did the designing, Ed carried out his designs in metal, and Matt provided the business sense.

Browning designed his first semi-automatic pistol before the turn of the century. By the start of World War I, Fabrique Nationale had made one million Browning pistols and King Albert of Belgium named Browning *Chevalier de l'Ordre de Leopold*.

Meanwhile back in this country, Browning had the basic patent for the design which would become one of the most famous (*the most famous?*), handguns of all time, the Colt 1911 Government Model .45 ACP.

Designed to be the epitome in fightin' handguns, many would still say it has never been equalled let alone bettered. It has been modified, chopped, compensated,

and used for combat, self-defense, peace officer duties, bullseye competition, action shooting and served faithfully in two World Wars and who can count how many other wars in the last 80-plus years. What other handgun has been so versatile?

Hi-Power Evolution

But Browning either was not satisfied with the 1911 design or he simply had to keep creating as the 1911 was soon followed by his second large semi-automatic design. When the French government let it be known that they were interested in a semi-automatic chambered for the 9mm, old John went to work. A patent was filed in 1923 and issued in 1927, three months after his death.

The Browning Model 35, or Hi-Power, was never adopted by the French. Other countries were more progressive than the Maginot Line-minded French and the new

pistol became the official sidearm of China, Canada, United Kingdom, Denmark, Belgium and many others.

During the Second World War, Germany seized the manufacturing facilities in Belgium. Brownings of the period are marked with a Nazi Iron Eagle.

Colt Versus Browning

The Browning Hi-Power was offered as an improvement over the Colt 1911. It certainly was different.

The Government Model was in .45 caliber and carried eight rounds, seven in the magazine and one up the spout; the Browning originally was designed to hold 15-plus-one but was lightened to 13-plus-one capability when manufactured. Some magazines will accept an extra round making it a 15 shooter.

Gone was the grip safety found on the Government Model; added was a maga-



This pre-war Hi-Power from the collection of Ichiro Nagata displays various proof marks from Belgium where it was made by Fabrique Nationale. John Browning sold the P-35 to the Belgian gunmaker after Colt, in its infinite wisdom, turned the design down. Below, early Hi-Powers were fitted with tangent sights out to a very optimistic 500 meters!



zine safety to prevent the gun from firing without the magazine fully inserted.

The Colt operates with a barrel link; the Browning has a rigid barrel set-up. The Colt is fitted with a barrel bushing; the bushing is eliminated in the Hi-Power.

We can certainly debate which of the improvements really are improvements but the "improvement" that causes the most debate is that of going from eight .45 caliber rounds to 14 .36 caliber rounds. The 9mm bullets of the Browning are nearly 50% less in weight and 21% less in bullet diameter than the Colt's .45 ACP bullet.

The argument over this still continues, and has only recently cooled off as we moved into the 10mm versus .45 ACP era.

Browning Improvements

Forgetting caliber for the moment, the Browning carries some definite improvements especially in the area of the deletion of the grip safety and the barrel link. Springfield Armory is now offering their new Linkless semi-automatics on the Government Model pattern and I have found their 10mm and .40 S&W Linkless Models to be above-average in accuracy.

Grip safeties are a problem for me simply because the use of a high hold for fast two-handed shooting results in my hand not depressing the grip safety and thus keeping the gun from firing. Like it or not, the magazine disconnect safety used on the Browning has now been adopted by nearly all semi-automatic manufacturers.

Caliber? That argument has been beaten to death. Forty-five lovers still would rather fight than switch; nine 'em 'em lovers espouse their first choice just as much.

Current Hi-Powers

Browning Hi-Powers are still in production and my personal Browning, which started out as test gun a few years ago and performed so well that I purchased it, is marked "Manufactured in Belgium, assembled in Portugal."

Anyone who has had much experience with the Browning Hi-Power knows that the trigger pull is a real problem. Many gunsmiths will not even attempt to smooth and or lighten the cranky trigger of the P-35.

With this in mind, one of the most noticeable offerings of Behlert Precision is Austin Behlert's "Drop-In Hammer and Sear Set." Made of 8620 steel and heat-treated to R.C. 52, this kit is based upon the Colt Commander-style hammer and sear but adapted to the Browning and guarantees a four pound trigger pull.

At first glance, installation of the round hammer looks like a giant step backwards as Browning dropped the round hammer years ago. However, the Behlert round hammer is smaller, negating the annoying biting habit of the old original round Browning hammer which, at least to this shooter, looks much better than the 1911

style hammer now being offered on the Hi-Power.

Mention was made in the main article of the poor aesthetics of the factory adjustable sight. Behlert addresses this



problem by offering a "melted" rear sight. Instead of sitting on top of the slide like the fins on a 1956 Chrysler, the Behlert rear sight is expertly fitted into the slide

and actually looks like it is part of the gun and not the other way around.

The Browning 9mm is a very pleasant shooting semi-automatic but it can be tamed even further with Behlert's installation of a six-inch Bar Sto barrel and a Behlert compensator. With this option comes the match accuracy package, Wolff springs, and custom porting with the promise from Behlert that "...if you didn't see the smoke, you wouldn't know it went off." With winners in action matches being determined by hundredths of a second, a .22-style handling 9mm is a real advantage.

Other work offered by Frank and Austin Behlert for the Browning includes funneled magazine wells, oversize magazine release buttons, stippled backstrap and frontstrap, hooked trigger guard, finger grooves on the front strap, and top of slide flattened and serrated.

Sight work offered includes triple dots

with a lower riding, and much better looking rear sight—one that will not be sticking up, subject to being knocked out of alignment.

Shooting The Hi-Power

Shooting the Browning is pure pleasure. Even though it only weighs two pounds empty, the Browning is a mildly recoiling 9mm. The shape of the backstrap is perfect and the tang shape prevents hammer bite even in my fleshy hand. I would have to say the Browning grip feels even better in my hand than the 1911—and that is saying something!

Accuracy for the Hi-Power is excellent with many loads in the two-inch and lower category. Federal's Hydra-Shok shoots inside two inches and my hand-load of the 90 grain Sierra over 7.0 grains of Unique also shoots inside two inches and gives a muzzle velocity of more than 1,500 fps.

A good practice load is CCI's 124 grain Total Metal Jacket that also shoots right at two inches and does it at nearly 1,200 fps. My favorite cast bullet load is Bull-X's 147 grain truncated cone over 7.0 grains of AA#7 for a little over 1,100 fps. With this load I have often put 10 out of 14 shots into one ragged hole at 25 yards.

Novak GP Hi-Power

While not modified as often as the original Browning large semi-automatic, the Browning does get its share of the custom 'smiths touch. Friend and fellow gunwriter Terry Murbach sent along his custom Browning Hi-Power for me to see "what a really good gun is like."

His Novak-customized Hi-Power started life as a Browning GP Competition pistol. Murbach sent it to noted pistolsmith Wayne Novak (1206 1/2 30th St., Dept AH, Parkersburg, WV 26101; phone 304-485-9295) to be made into a



The Browning Hi-Power is the most widely issued handgun to armed forces today. It is the official sidearm of Canada, Great Britain, Holland and a host of Third World emerging countries.

The Hi-Power still has the magazine disconnect safety and an ambidextrous safety is now standard equipment. A safety that I may say is one of the easiest to operate of any available today. Simply moving the thumb up or down operates the safety with no shift in the shooting grip. Carried cocked-and-lock, the Browning is ready for action with a slight movement of the thumb.

Gone is the burr-style or rounded Commander style hammer and it has been replaced by a 1911 style-hammer. Grips are checkered wood and too thick for my tastes so all checkering has been removed giving me a thinner and better feeling smooth grip.

Bluing is excellent as is all metal-to-metal fit.

The Hi-Power comes with fixed or adjustable sights and I always opt for adjustable sights when they are available.

The adjustable sighted model consists of a ramp front sight and a fully adjustable rear sight with white outline.

The sights are my only complaint about the Browning Hi-Power. They work fine, they are easy to see, and they can be adjusted to allow the 9mm Browning to shoot to point-of-aim.

The problem is how they look on the gun. It looks as if someone at the very last minute decided to mount adjustable sights and, without any planning, just stuck 'em on.

The rear sight sticks up much too high and does not look like it is part of the pistol at all. In fact, it looks more like the Browning is part of the rear sight rather than the other way around!

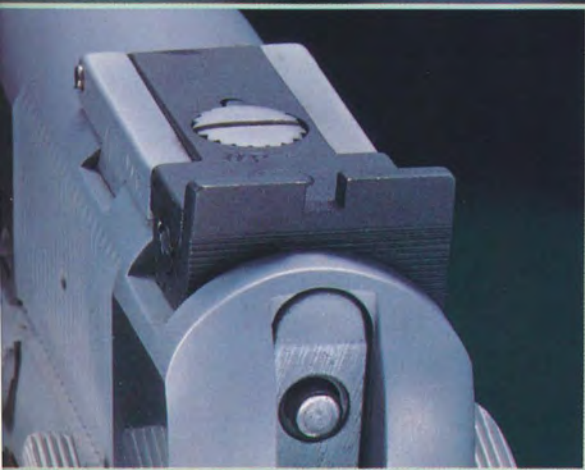
The good news is that the rear sight fits in a dovetail and it should be an easy matter to remove it and fit the Hi-Power

THE BEHLERT BROWNING

installed on original sights, Bo-Mar low mount sights with rounded corners, original adjustable sights replaced with Bo-Mar rear sight and factory front sight lowered accordingly, and high visibility fixed sights.

The real *piece de resistance* of the Behlert Browning work is the Mini Hi-Power. I've always been fascinated by the two ends of the spectrum, that is, very large and very small handguns. Remember the cut-down Smith & Wesson Model 39s of the 1970's? Behlert offers the same miniaturizing package on the Browning resulting in a real honest-to-goodness

Continued on page 118



Handloads For The Hi-Power

Ammo	Load	Velocity	Group
115 gr. Hornady JHP	6.0 grs. Unique	1,237 fps	2"
115 gr. Hornady JHP	7.0 grs. Herco	1,398 fps	2"
124 gr. Hornady FMJ	6.0 grs. Herco	1,269 fps	2 1/2"
115 gr. Sierra JHP	6.0 grs. Unique	1,259 fps	2 1/2"
115 gr. Sierra JHP	7.0 grs. Herco	1,399 fps	2 5/8"
115 gr. Sierra JHP	6.0 grs. Unique	1,255 fps	3 1/2"
90 gr. Sierra JHP	7.0 grs. Unique	1,528 fps	1 3/4"
115 gr. Speer JHP	7.0 grs. Herco	1,389 fps	3 3/4"
115 gr. Speer JHP	6.0 grs. Unique	1,335 fps	3"
124 gr. Speer JSP	6.0 grs. Herco	1,254 fps	2"
115 gr. Zero FMJ	6.3 grs. Herco	1,307 fps	3 1/4"
115 gr. Zero FMJ	7.0 grs. Herco	1,365 fps	2 1/2"
115 gr. Zero FMJ	8.5 grs. AA #7	1,229 fps	2 3/8"
Bull-X 122 gr. FN	5.5 grs. Unique	1,255 fps	4"
Bull-X 122 gr. FN	6.0 grs. Herco	1,331 fps	3 1/2"
Bull-X 122 gr. FN	7.5 grs. AA#7	1,166 fps	3 1/2"
Bull-X 122 gr. FN	5.0 grs. WW231	1,258 fps	3"
Bull-X 122 gr. FN	4.0 grs. Bullseye	1,099 fps	1 1/2"
Bull-X 125 gr. RN	5.5 grs. Unique	1,223 fps	3"
Bull-X 125 gr. RN	6.0 grs. Herco	1,271 fps	3"
Bull-X 125 gr. RN	7.5 grs. AA#7	1,130 fps	2"
Bull-X 125 gr. RN	5.0 grs. WW231	1,265 fps	2"
Bull-X 125 gr. RN	4.0 grs. Bullseye	1,115 fps	2 3/4"
Bull-X 147 gr. TC	7.0 grs. AA#7	1,105 fps	1 1/2"

BRASS: Midway - PRIMER: CCI #500 - GROUPS: 5 shots at 25 yards -
TEMP: 80° - CHRONOGRAPH: Oehler Model 35P



Browning Hi-Power .41AE

Ammo	Load	Velocity	Group
Samson Factory 170 JHP		1,093	27/8"
Samson Factory 200 FMJ		903	23/4"
170 Sierra	10.5 GR. AA#7	1,117	31/8"
170 Sierra	8.5 GR. WW540	1,037	21/2"
170 Sierra	7.0 GR. Herco	967	31/4"
170 Sierra	9.0 GR. Blue Dot	1,073	23/4"
170 Sierra	6.1 GR. WW452AA	1,048	23/8"
200 Hornady	9.2 GR. AA#7	975	31/4"
200 Hornady	7.5 GR. WW540	911	33/4"
200 Hornady	5.5 GR. WW231	980	23/4"
200 Hornady	6.0 GR. Herco	884	23/4"
Accurate Arms 200 FMJ	9.0 GR. AA#7	921	31/8"

BRASS: IMI .41AE - PRIMER: CCI #500 - GROUPS: 5 Shots @ 25 Yds -
CHRONOGRAPH: Oehler Model 35P - TEMPERATURE: 50°





am not normally thrilled with less than a bright blue finish, I must admit that this "GP Novak" looks very business-like and shoots like a dream.

With 12 different loads, both factory and handloads, and both cast and jacketed bullets, the GP Novak averaged less than two-inches. And when we look at both ends of the spectrum, we find that it groups both full-house 90 grain Sierra JHP and Bull-X 147 grain cast bullets at one and one-fourth inches. That's not good, that's outstanding!

The trigger is so good on the GP Novak that if I thought I could get away with it, it would go in my Browning.

.41 AE Hi-Power

The Browning just begs to be chambered in something bigger than the little nine 'em 'em. I've always liked the feel and looks of the Browning Hi-Power and it has been a favorite semi-automatic of mine except for the chambering.

If I couldn't have a Browning in .45 ACP perhaps I could at least get a medium bore chambering in the Hi-Power. I had heard of others converting the Colt Government Model 9mm's and Browning High Powers to .41 Action Express, but did they work?

I called Bob Scheutz at Olympic Arms and he assured me that they could convert my Browning High Power to .41 Action Express. "But will it really work?" was the question that I raised.

"Oh, yes" was the reply.

"I won't have any problems with extraction?"

"Absolutely not!"

So the Browning, which had performed very well as a 9mm, but was still a 9mm, went off to Olympic Arms (624 Old Pacific Highway, Dept AH, Olympia, WA; phone 206-456-3471). Along with the Browning went both of my 9mm magazines to be converted to .41 Action Express.

In a few weeks the Browning was returned with the .41 AE barrel in place.

custom carry gun and what he got back is definitely classic.

Novak rebarreled the GP Browning with a standard length Bar Sto barrel, and also gave it his custom carry package which consists of smoothing the sharp corners, exactly as one wants in a carry gun. The finish is dull black and while I

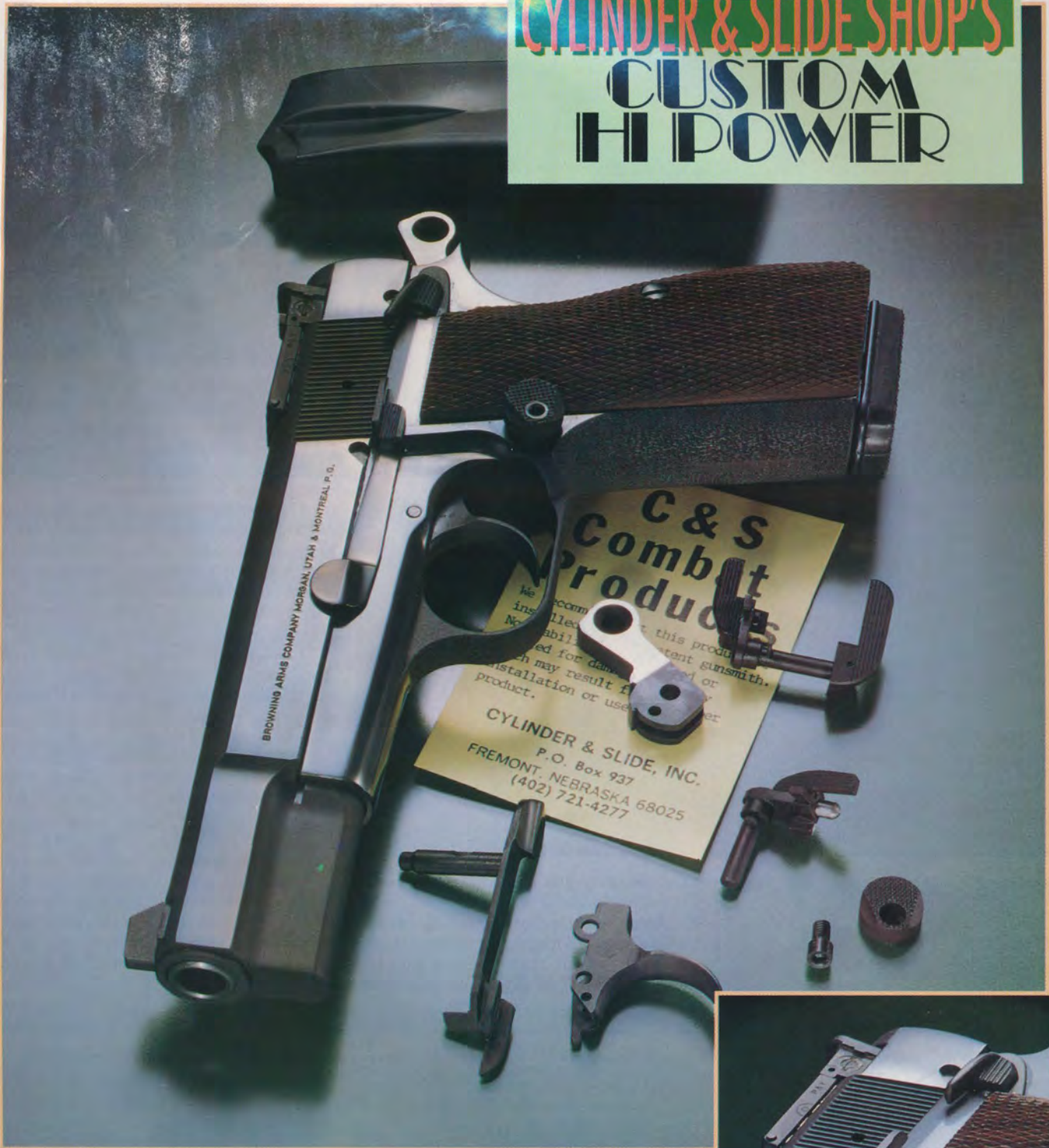


Accuracy Testing Of The Browning Hi-Power 9mm

Ammo	Velocity	Group*
Hirtenberger 100 gr. JSP	1,288 fps	1 ³ / ₄ "
PMC 115 gr. JHP	1,146 fps	2 ⁷ / ₈ "
PMC 115 gr. FMJ	1,153 fps	2 ¹ / ₂ "
Blazer 115 gr. JHP	1,198 fps	2 ³ / ₄ "
Blazer 115 gr. TMJ	1,177 fps	2 ¹ / ₈ "
Blazer 124 gr. TMJ	1,156 fps	3"
Blazer 124 gr. JSP	1,175 fps	2 ¹ / ₂ "
CCI Lawman 115 gr. JHP	1,141 fps	2 ³ / ₈ "
Federal 115 gr. JHP	1,180 fps	2 ¹ / ₄ "
Hydra-Shok 124 gr.	1,120 fps	1 ⁷ / ₈ "

*Five shots at 25 yards

CYLINDER & SLIDE SHOP'S CUSTOM HI POWER



Cylinder & Slide of Fremont, Neb., is deeply involved in customizing Brownings by offering both custom packages and parts for the Hi-Power. Their catalog is a veritable shopping mall for the Browning Hi-Power if the choice be that of changing parts at home or having the gun modified by the craftsmen at the Cylinder & Slide Shop.

Cylinder & Slide addresses the hammer "problem" of the Hi-Power by offering a Commander style hammer that is

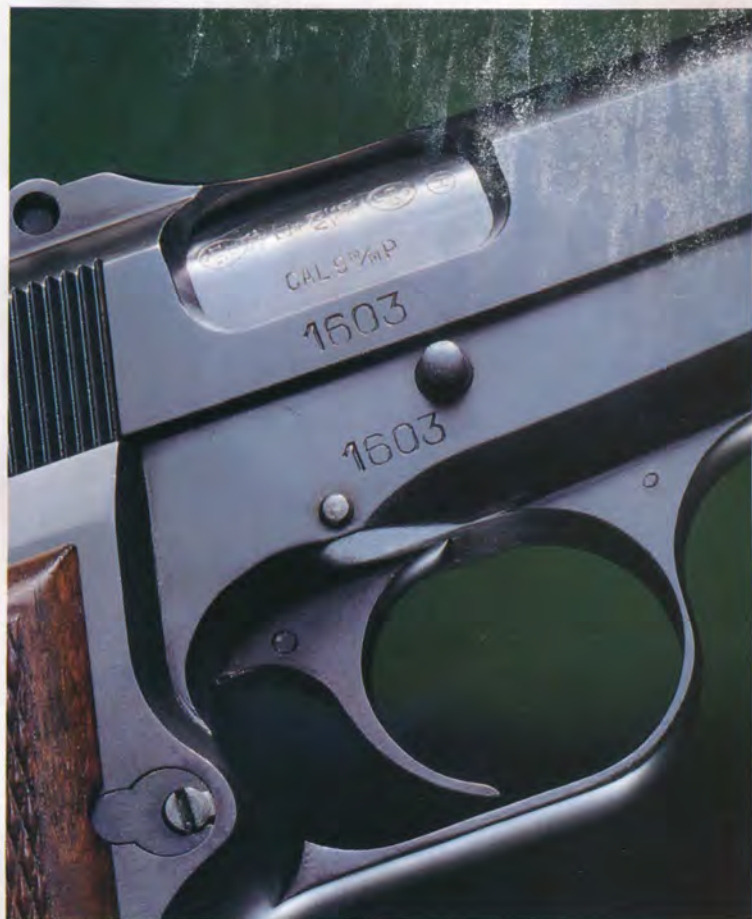
raised as high as possible to prevent hammer bite. For older Brownings without the ambidextrous safety, a replacement Cylinder & Slide safety is offered as an extended safety.

I usually have a problem reaching the slide release without shifting the grip of my shooting hand and Cylinder & Slide takes care of this by providing an extended slide release that allows the right-handed shooter to release the slide with his shooting hand without shifting the shooting grip.





Early Hi-Powers were fitted with detachable shoulder stocks that locked into a slot in the backstrap. Right, the four-digit serial number shows it was made in 1935, the year of introduction.



While I prefer narrow triggers for fast handlin' guns, many shooters opt for the wide "combat-style" trigger and Cylinder & Slide's wide trigger makes the felt trigger pull feel lighter and also eliminates the magazine disconnect.

This trigger can also be paired with a trigger pull reduction kit that reduces the trigger pull by about two pounds. This kit contains both a reduced power firing pin spring and hammer spring.

One of the major (the major?) problems associated with semi-automatics is

the magazine, or rather imperfect magazines. Most feeding problems are not feed ramp or ammunition related but the direct result of the magazine. Cylinder & Slide offers a modification of Browning magazines to stack rounds properly and assure feeding of ammunition.

Custom tuning featuring the finest workmanship and materials is available from Cylinder & Slide and includes custom Bar Sto barrels, an extraction/ejection/feeding tune-up, stippled or checkered frontstraps and backstraps,

Fully loaded with 10 rounds of .41 Action Express 170 grain JHP loads it weighs in at two pounds six ounces (38 ozs.), which makes it one of the lightest big bore full-sized semi-automatics available.

Loads were assembled with the Bull-X 215 grain semi-wadcutter and the NEI #220.411 200 grain semi-wadcutter .41 Magnum bullets, as well as the 170 grain Sierra JHP and Hornady

Continued on page 113

funneled magazine wells, extended slide releases, and slide-to-frame tightening.

Cylinder & Slide also offers a complete choice of sight packages that includes Millett, low mount Bo-Mars, and Novak front and rear sights. Numerous finishes are available including standard and flat blue, Metaloy, parkerizing, electroless nickel, and black teflon.

Three "Custom Packages" for the Hi-Power are offered by Cylinder & Slide that allow the shooter to choose the customizing that suits his needs and check-book.

For around \$230 the "Basic Reliability Package" is offered to assure a trouble-free carry gun. In this package, the feed ramp is throated, all internal parts are polished and deburred, the extractor is radiused, the magazine is modified to feed properly, an extended combat safety

Continued on page 118

HANDGUNNING

HINTS

Bennett Viken & Robin Sutton

Safety Checkpoint



1. We all use landmarks in the field for navigation.

2. But it is also a good idea to choose a landmark to remind you to load and unload your gun.



3. It becomes a remembered ritual that helps defeat forgetfulness.

When they ban
your semiautos,
your hunting,
your handguns,
your ammunition,
and your magazines,
you'll ask,

*“Where was
the NRA?”*

In a conspiracy of silence, the anti-gun media have refused to tell you the truth about an avalanche of extremist anti-gun bills now before the U.S. Congress. They know honest coverage would only provoke you to stand up and oppose them.

That's why the National Rifle Association is alerting all gun owners to this gun ban agenda and to what's at stake:

If you don't care enough to fight for your gun rights, prepare to lose them.

The NRA has fought long and hard on behalf of 65 million honest American gun owners. Now you must join forces with us to defeat these radical anti-gun threats. Without a united fight, many could well become law by year's end. Then it will be too late to ask, "Where was the NRA?"

Where were you?

Did you know semiauto gun bans in some states have put gun owners at risk of arrest and prosecution for refusing to register, surrender or otherwise dispose of their guns?

Now a similar nationwide ban has passed the U.S. Senate. This is the media-made hoax foisted upon honest gun owners that defines millions of semi-automatic firearms as tools of criminals.

If you own any semiauto on the expandable gun ban list, you could be one of millions of Americans slated to become criminals overnight.

YOUR SEMIAUTOS

When U.S. Sen. Joe Biden's semiauto ban gets you arrested for not "registering" your semiautomatic rifle, shotgun, or handgun, you'll ask, "*Where was the NRA?*"

And we'll ask, "*Where were you?*"



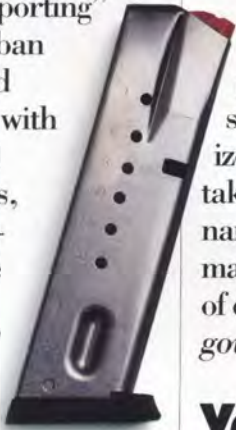
Chances are you spend more on a carrying case to protect your gun, than to protect your right to own your gun.

YOUR MAGAZINES

When U.S. Rep. Bill Hughes bans firearms and magazines because a government bureaucrat says they're "not suitable for sporting purposes," you'll ask, **"Where was the NRA?"**

And we'll ask, **"Where were you?"**

The Hughes bill would give the government power to add virtually any "non-sporting" semiauto to the gun ban list. Magazines would have to be engraved with a serial number and registered. Even pins, springs and miscellaneous parts could be contraband. Their arbitrary "sporting" test is nothing but a blank check for the gun-ban-wagon.



YOUR HUNTING

When public land closings and discharge limits make you drive 500 miles just to hunt, you'll ask, **"Where was the NRA?"**

And we'll ask, **"Where were you?"**

They're not just outlawing your hunting guns, they're outlawing places to use them. Anti-gun and anti-hunting extremists have joined forces to stop you from enjoying one of America's greatest traditions.

YOUR PRIVACY

When federal agents raid your home after finding your name in the National Gun Owner Registry, you'll ask, **"Where was the NRA?"**

And we'll ask, **"Where were you?"**

American gun owners must wake up before our ultimate nightmare comes true. U.S. Rep. Charles Schumer's proposed massive national system of central, computerized gun registration is rapidly taking shape. That means your name, your address and the make, model and serial number of each gun you buy ... all at the government's fingertips.

YOUR AMMUNITION

When you're jailed or fined for possessing *any* type of 9mm, .32 or .25 caliber ammunition, you'll ask, **"Where was the NRA?"**

And we'll ask, **"Where were you?"**

U.S. Sen. Daniel Patrick Moynihan's ammunition ban bill is proof of his stated ambition to eventually outlaw all handgun ammunition.



YOUR HANDGUNS

When you cannot legally purchase the handgun of your choice ...



or any handgun at all ... you'll ask, **"Where was the NRA?"**

And we'll ask, **"Where were you?"**

Whether it's an arbitrary ban list as in Maryland or a total ban as in Washington D.C., U.S. Rep. Larry Smith's proposed national ban is the first step toward ending handgun ownership.

Contrary to media-made myths, there is no evidence any of these schemes will affect violent criminals. Only honest gun owners like you.

You don't have to agree with the NRA on everything, but ...

We must agree: Second Amendment freedoms will not exist for you or your children unless you act now.

For less than
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a tank of gas or a
few boxes of shells,
you can help protect
your firearm
freedom through
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Call 1-800-922-4NRA
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have your VISA or
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ship, or we can bill you
later.

Your NRA Annual Membership Includes:

- Effective defense of your Second Amendment rights at federal, state and local levels
- Strong support for tough crime-fighting measures at federal, state and local levels
- 12 issues of either the AMERICAN RIFLEMAN or AMERICAN HUNTER magazines
- Special member-only insurance benefits
- Special discounts on car rentals and other services

Only the NRA offers you the strength to defeat the gun ban agenda, plus great membership benefits for joining the fight.

But most importantly, you'll know you're defending your Second Amendment rights through the one group lawmakers listen to: The National Rifle Association.

If honest gun owners like you don't answer this call to action, and the constitutional right to own the firearm of your choice is gone forever, your children won't ask, "**Where was the NRA?**"

They'll ask, "**Where were you?**"

Join Now! NRA INSTANT MEMBER HOTLINE:

1-800-922-4NRA

You may charge your \$25 annual NRA membership to your VISA or MasterCard, or we can bill you later. © 1991 National Rifle Association

Black Powder Handgunning the New Game in Town!



This photograph illustrates a Gonic Arms, Inc.™ GA-90™ barrel assembly and wood accessories attached to a K.W. Thompson Tool Co., Inc. Contender® frame.

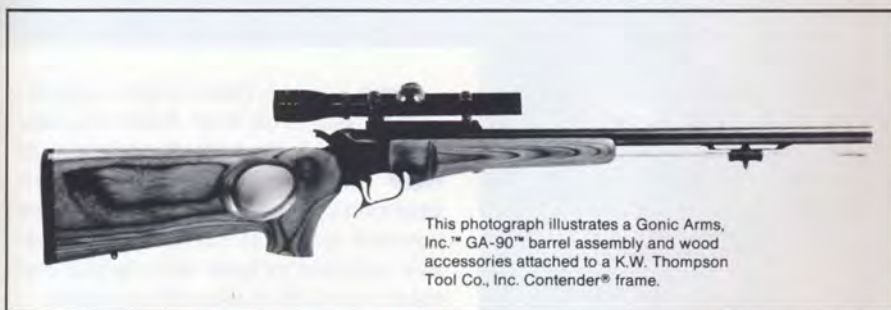
The **GA-90™ Barrel Assembly** is the first of its kind—a black powder handgun that is no longer just a **second shot**. Whether it's down range or on the target line, the **GA-90™** gives a hunter or target shooter performance and power never before achieved in a black powder handgun. Designed with sleek lines, the **GA-90™** easily adapts to *all* Contender® frames.

From round balls to heavy lead conical bullets combined with Gonic Arms, Inc.™ revolutionary loading system and a choice of using either a No. 11 Percussion Cap or #209 Shotgun Primer the **GA-90™** is a dream come true for the Black Powder Enthusiast...

looking for a new game!

GA-90™ PATENT PENDING	
Pistol Ballistics	
Caliber	45
Barrel Length	16"
Barrel Twist	1-22
Primer	No. 11 Percussion Cap
Bullet Weight	345 gr.
Powder Charge	80 gr. (Pyrodex RS)
Feet Per Second	1400°
Foot Pounds of Energy	1500

Contender® is a registered trademark of K.W. Thompson Tool Co., Inc. and is used without their permission. GA-90™ barrel assemblies are manufactured by Gonic Arms, Inc.™ and are not manufactured nor in any way sponsored or authorized by K.W. Thompson Tool Co., Inc.



This photograph illustrates a Gonic Arms, Inc.™ GA-90™ barrel assembly and wood accessories attached to a K.W. Thompson Tool Co., Inc. Contender® frame.

GA-90™ PATENT PENDING	
Carbine Ballistics	
Caliber	45
Barrel Length	24"
Barrel Twist	1-22
Primer	No. 11 Percussion Cap
Bullet Weight	370 gr. Hp
Powder Charge	100 gr. (FFFg)
Feet Per Second	1605
Foot Pounds of Energy	2130

An optional 24" Carbine Barrel Assembly is also available for extended range and power; wood selection varies from laminated thumbhole stocks to American Walnut Forends.

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You Can Win A

.45 ACP Jet Comp

from The Combat Shop



Jet Comp! This unique compensator from D.R. Middlebrooks and his Combat Shop is one of the most sophisticated recoil reduction systems for a 1911 pistol. The patented system of baffles and jet nozzles combine to tame muzzle rise and reduce recoil to an astonishing degree.

But the efficiency of the Jet Comp is only the beginning of this sensational custom .45 ACP Colt Government Model pistol in this issue's Custom Gun Giveaway. D.R., as he's known to his friends, really pulled out all the stops to embellish this combat pistol with the very latest combat accessories and custom modifications.

The slide is cleverly ported to reduce weight and thereby increase the cyclic rate of the smooth-handling pistol. A match-grade barrel is carefully handfitted and coupled with one of The



Combat Shop's amazing "Soft Stroke" kits. The "Soft Stroke" is a system of recoil buffer washers made of a sandwich of soft durometer rubber inside a tough, hard phenolic protective outer layer. The "Soft Stroke" serves to reduce the cyclic length of the full-size Government Model to that of a faster Commander length slide.

Additionally, D.R. performed the following handcrafted refinements:

- F** install Bo-Mar rear sight
- F** pinch check serrations on slide
- F** ported slide
- F** Jet Comp fitted to match barrel
- F** reworked ejection port
- F** long ejector
- F** tightened slide
- F** checker rear of slide
- F** checker front strap
- F** checker trigger guard

- F** S&A grip safety
- F** trigger job with match hammer, sear
- F** long trigger
- F** Ahrends exotic wood grips
- F** Brown grip screws
- F** funnelled mag well
- F** satin finish
- F** "Soft Stroke" kit

The cost of the above modifications, identical to the gun shown here, is \$1,800 on a customer supplied pistol. D.R. will provide a base gun at his dealer cost if necessary. There is currently a six month waiting list at The Combat Shop. For more information, contact D.R. at:

The Combat Shop

Rt. 1, Box 112-C
 Surry, VA 23883
 phone: (804) 357-0881

TO ENTER CONTEST: Use a postcard (no envelopes) and follow sample. Send to AMERICAN HANDGUNNER, Dept. H11, POB 880409, San Diego, CA 92168-0009. Mail before Dec.1, 1991.
Limit 1 entry per household.

HOM NOV/DEC 1991:

Name _____
 Address _____
 City, State, Zip _____

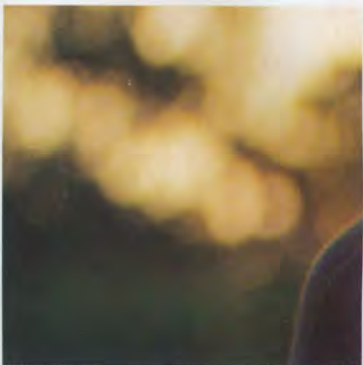
If I win, please ship my gun through:
 Dealer _____
 Address _____
 City, State, Zip _____
 Phone () _____ Store Hours __am__pm

Contest void where taxed or prohibited by law. Winners must comply with all federal and local laws. Contest open to U. S. residents only. Employees and agents of Publishers' Development Corp. not eligible. No purchase necessary. Winners will be notified by REGISTERED MAIL on official letterhead.



Riley Gilmore of Team Tasco makes it a pair of Cups as he wins his second NRA Action Pistol Championship with a record setting score!

Photos and story by Nyle Leatham



Bianchi C

Every spring the week before Memorial Day, in the grassy hills a few miles north of the university town of Columbia, Mo., the Chapman Academy shooting range hosts an American pageant.

Held annually since 1979, this event has become a rite of passage among a growing segment of competition pistol shooters. It is the National Rifle Association's Bianchi Cup National Action Pistol Championship, this year offering \$200,000 in cash and prizes.

The Bianchi pistol discipline is almost as rigidly stylized as the ceremonial Samurai archery I saw years ago in post-war occupied Japan.

In the quaint Japanese archery, form was everything. Dictated by the tactics of the Bianchi course of fire, a very specialized type of custom gun has evolved, through a trial and error cooperation between such great shooters as Mickey Fowler, Brian Enos, Rob Leatham and the Gilmore brothers with talented revolver smiths such as Frank Glenn, John French,

Ron Power and Don Golembieski.

To the traditional PPC type revolvers with finely tuned double-action triggers and massive barrels were added electronic or low power scope sights, grotesquely elongated grips, and the protruding knobs known as "barricade wings."

These guns might even be seen as the counterparts of the medieval 11 foot tall Japanese bows. And like those bows the Bianchi guns are almost totally useless for anything but one contest.

However in the Japanese pursuit of per-



up '91



fection in detail of equipment and costume and precise slow-motion robot-like movements, the original concept of hitting the target with the arrow was all but lost. Not so at Bianchi. Here accuracy is everything.

With roots in both the rigid paced format of Police Pistol Competition and the speed and tactics of the International Practical Shooting Confederation game, the course of fire of the Bianchi is precisely defined. It is essentially the same from year to year, demanding accurate shooting within brief set times.

Practiceability, if there is such a word, describes a major characteristic of the Bianchi game. The four main component stages are the Practical, the Barricades, the Mover and the Falling Plates. Each individual match requires 48 shots, worth a possible 480 points.

Targets turn, move or fall. Shooters stay put. Fixed times at fixed ranges. Five to 15 seconds per string at 10 to 50 yards. Never more than six shots in a string. No reloads. Which of course accounts for the dominance of the revolver now, although

Mickey Fowler's three back-to-back wins were with an IPSC type auto.

There is time to flop prone on the Plates and the Practical— but be quick about it! It makes a demanding course of fire but one that with practice has allowed phenomenally high skills to develop as proven again by 1991 scores.

And most Bianchi shooters would not have it any other way. This year, with a perfect 1920 points and 166-X's, Riley Gilmore won the \$10,000 first prize along with his second Bianchi Cup to pair



with his 1986 trophy.

Riley duplicated the first perfect score in the Bianchi's 13 year history shot by Doug Koenig in 1990. Riley shot a Frank Glenn custom .38 Special Smith and Wesson, not with the popular lighted dot sight, but with a Tasco 1x22 Pro-Class scope with small black dot and cross hairs.

Riley owns an indoor shooting range and gun store in Tulsa and heads up Team Tasco which includes his brother Kelley, son Carey and Curtis Shipley.

Brothers Kelley and Riley Gilmore got into shooting through rifle training for merit badges in Boy Scout summer camp. Both were Eagle Scouts and molded their lives by Scouting principles. Like being prepared for the Bianchi.

Just as Brian Enos influenced Bianchi history by leading the move to revolvers with optical sights, Riley and his older brother Kelley invented the "switch-hand strong-side" technique that now is almost standard for the Barricades.

Riley shoots right handed, Kelly with the left. In practice they noticed Riley had markedly better scores on the left of the barricade as did Kelley on the right. So each attempted the other's method.

It meant for Riley drawing the gun by the sight with his strong hand allowing a fast grasp of the pistol with his left, leaving the right hand free for clamping the barrel to the right side of the barricade.

Kelley did the opposite to shoot the left side with his right hand. Both saw greatly improved strong side scores, a technique quickly adopted by most Bianchi shooters.

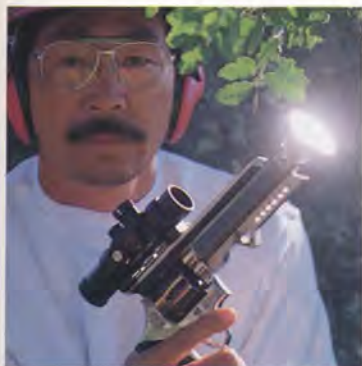
Tie Breaking Count

Last year when four shooters let only a



Riley Gilmore (top) displays the sort of intense concentration that enabled him to ignore a Range Officer's unnecessary interruption during his last crucial six shots of the match. That's Riley's revolver below, custom built by wheelgun maestro Frank Glenn. In the shoot-off (above) Rob Leatham (R) blew past Arnt Magne-Myre to win the Colt Speed Event for Team Springfield Armory. That's a typical "Bianchi Gun" (left).





Ichiro Nagata can shoot a gun as well as a camera— well, almost! He finished 8th overall with a wild and crazy S&W revolver by Don Golembieski. Below, Riley Gilmore may be slow going prone next to Doug Koenig, but he shoots X's. Which is all that counts!



single round drift into the 8-ring and tied at 1,918 points with places second through fifth decided on the tie-breaker X count, there was speculation and some fear that such phenomenal skill might see several perfect 1,920 scores at this year's Cup.

The winner and top places would then be decided by X counts. The inference drawn is that the match is becoming too much of a crap shoot decided by X-count luck, beyond the limits of possible human accuracy.

These concerns may eventually result in rule changes, perhaps a new stage added. But only one of this year's 215 competitors shot clean—and that was Riley.

There was only one 1,918 score and a clean claim to second place for Riley's Tasco teammate Curtis Shipley along with an all-time record of 172X's.

Barricades At Speed

Third place with 1,916 points and 169X went to Los Angeles police officer John Pride, who won the match in 1987 and 1988. John was down just four points on the Practical, cleaning the other three stages and doing the Barricades the hard way.

Coming up for the first squad at 7:30 a.m. on the first day, he shot all 10's on the turning tombstone targets from the 10 yard barricade at five seconds and the 15 yard line at six seconds.

Then at the 20 yard line several observers thought the time was a bit quick, but John still had all 10's.

At the 25 a number of people watching thought something was wrong. Someone asked the RO to check his controlling timer. It read correctly eight seconds, but three different people held up their own

stop watches all reading within a hundredth or two at six seconds.

The equipment was checked and indeed there was an error. The times had not changed from the 15 yard line.

The range officer said Pride and the other two were entitled to a reshoot. Meanwhile the scorers counted 480 points and 46X for John. He said no thanks to the reshoot!

John smiled and said, "I always tried to shoot this stage at about the same pace regardless of distance."

Past Champs Crash

This year 51 shooters cleaned the Barricades but only Brian Enos had a higher X count than John's blazing 46 with 47 of a possible 48.

Just as Lemoine Wright's win in 1989 was followed by a bad year—and he didn't even come this year—Doug Koenig crashed and burned trying to repeat his 1990 win.

Bad runs on the Practical and the Mover put young Koenig in 23rd place with 1,905-153X's. He watched the Colt Sponsored shoot-off on Saturday from the gallery.

"When striving for perfection, the rewards for achievement exceed most reasonable expectation. However, the disappointment and subsequent inner strife experienced from failure is unimaginable." Overheard from an anonymous Bianchi shooter.

Doug was not alone in the anguish that is the flip side of any such effort to win all the marbles. Just ask Curtis Shipley about the one shot in the 8-ring that cost him a perfect score with the highest X count in match history.

Or Rob Leatham, 1985 winner, who in mid-match practice had the forcing cone of his barrel blow out from the pounding of hot loaded 110 grain Sierra jacketed hollowpoints. With his backup gun, prone on the plates at 25 yards, his shots tracked progressively lower. On plate 48 he hit the iron frame.

Not since 1985 has he failed to clean the Plates. Rob pushed his face into the carpet trying to make the world go away until the range officer started over to check on him. Rob got up with a wan smile.

The insurmountable 10 point cost of one shot an inch low consigned him to 11th place. His countenance was later observed to brighten after he won first place and \$2,500 in the shoot-off.

Mickey Fowler had a round fail to fire on the Barricades and he ended up 18th.

Great Pack Shooting

If the leaders were off a hair, great shooting by the pack did continue to nudge the median score upward. The middle score was 1,848, up from 1840 last year.

In 1990 it took 1,910-152Xs to make the top 20 and a slot in the shoot-off. This year 1,906-141Xs was good enough.

A remarkable showing was made by the Australian contingent under the leadership of Clive Whelen. They had four shooters in the top 20. Brian Kilpatrick was 7th, Adrian Hunter 12th and Brad Tate, age 18, in 13th place won top newcomer. Brad took Top Junior honors and is the first junior ever to make the open shoot-off. He'll be a threat in future speed matches if he can fine tune the balance of speed with control.

Ray Gray was 17th. And petit Aussie



Debby James (left) of Team Colt is the winningest lady IPSC shooter on the circuit, but she fell to the blazing gun of Aussie lady Janina Tenace (above) at the Cup. Switching to his Shanon-sighted Model 10, Ichiro Nagata (center right) favored a lighter, quicker-handling wheelgun for the Colt Speed Event. A lovely Karen Bowker of California shows off her tan and smile next to the stage-leader board for the Mover.

NAME	SCORE	GUN	LOAD	GUNSMITH	HOLSTER	SCOPE
1 Riley Gilmore	1920-166X	S&W .38 Spl	148 gr. WC	Frank Glenn	Safariland	Tasco 1x22
2 Curtis Shipley	1918-172X	S&W .38 Spl	148 gr. WC	John Farley	Safariland	Tasco 1x22
3 John Pride	1916-169X	S&W .38 Spl	PMC 125 gr.	Don Kehoe	Safariland	Aimpoint 5000
4 Mario DiPaolo	1914-168X	S&W .38 Spl	148 gr. WC	Murray Charleton	Ernie Hill	Tasco ProPoint
5 Brian Enos	1914-165X	S&W .38 Spl	140 gr. SWC	S&W Perf. Ctr.	Safariland	Aimpoint 5000
6 Allen Fulford	1914-152X	S&W .38 Spl	148 gr. WC	Jim Clark	Safariland	Tasco ProPoint
7 Brian Kilpatrick	1912-163X	S&W .38 Spl	136 gr. WC	Muscrat Custom	Safariland	Tasco ProClass
8 Ichiro Nagata	1912-158X	S&W .38 Spl	140 gr. JHP	Power/Golembieski	Safariland	Tasco ProPoint
9 Andrew Schrode	1912-152X	S&W .38 Spl	155 gr. Cast	Dave Ewer	Safariland	Aimpoint 5000
10 Arnt Myhre	1912-152X	S&W .38 Spl	142 gr. TC	Frank Glenn	Safariland	Aimpoint 5000
11 Rob Leatham	1910-160X	S&W .38 Spl	110 gr. JHP	Frank Glenn	Safariland	Tasco ProPoint
12 Adrian Hunter	1910-157X	S&W .38 Spl	148 gr. Cast	Adrian Hunter	Safariland	Aimpoint 5000
13 Brad Tate	1910-150X	S&W .38 Spl	134 gr. WC	Muscrat Custom	Ernie Hill	Tasco ProClass
14 Vance Schmid	1910-149X	S&W .38 Spl	141 gr. WC	Vance Schmid	Safariland	Aimpoint 5000
15 Don Golembieski	1908-157X	S&W .38 Spl	110 gr. JHC	Don Golembieski	Safariland	Aimpoint 5000
16 Jim Fulwood	1907-137X	S&W .38 Spl	148 gr. Cast	Jim Fulwood	Safariland	Tasco ProPoint
17 Ray Gray	1906-164X	S&W .38 Spl	125 gr. fact	Multicomp	Hot Shot	Aimpoint
18 Mickey Fowler	1906-157X	S&W .38 Spl	110 gr. JHP	John French	Safariland	Aimpoint 5000
19 Don Henrico	1907-157X	Ruger .38 Spl	148 gr. WC	Jim Clark	Safariland	Tasco ProPoint
20 Bill Rogers	1906-146X	S&W .38 Spl	158 gr. Lead	Frank Glenn	Safariland	Tasco ProPoint

Janina Tenace in 62nd place with 1,888-136X was Top Lady.

Average Guy Shoots

So, what does it take besides a slab-sided wheelgun to have a successful go at this epic match that attracts so many good shooters across the United States and from Johannesburg to Sidney and points in between? Practice.

It is possible for an average, competent pistol shooter to shoot the Bianchi with zero preparation and have a great time. I did just that in 1990.

It was just before last year's match that Rob dropped a bomb on me at the press table in the match hotel. "Dad, here is an extra John French revolver and 250 rounds of 110 grain Sierra hollowpoints. Jim Davis will accept a late registration. So shoot the match."

I said, "Absolutely no!"

Later at the Green Valley range where the whole Bianchi course is set up, while photographing competitors getting in last minute practice, it kept eating at me. I mean, what was there to lose but dignity?

I stopped being overly concerned about that some time ago. I might regret not shooting this match for the rest of my life. So I went back to Columbia and signed up.

How did I do? You should ask! I had never fired that gun or a single round in anything like Bianchi practice before stepping to the 10 yard line of the Plates.

You start at the bottom of the results booklet rather than the top. Retired 60-year-old news photographers who wear trifocals learn to set realistic goals.

This was research, not competition. Winning was not having a coronary.

Of the plates I remember nothing

except the ROs were nice and a lot of round white steel targets were left standing. That afternoon I got to the mover—*that thing is fun!*

The target moves six feet a second, but just lead the center a bit and the holes miraculously appear in the paper. It was what my very perceptive friend Bruce Gray describes as the real source of pleasure in shooting: The instant gratification of a fantasy.

The Barricades was the toughest, not being able to manage consistency against those shaky structures, especially the right side.

Maybe the worst was the 50 yard line on the Practical, but by the end of the match I was hooked. And built in excuses notwithstanding, I was determined to shoot it better.

Try, Try Again

I shot Robby's gun through the summer in Arizona, but then he took it back. Ungrateful pup!

So I ordered my own from Frank Glenn in nearby Glendale, Ariz. It's an L-frame Smith with a fat Douglas barrel—pretty conservative for a Bianchi gun but with a shortened and slimmed cylinder to reduce mass and allow a double-action trigger that almost moves by telepathy.

Rob and Brian Enos both came nosing around trying to buy it for a back-up gun at about twice my cost. Hah! Fat chance.

Access to such a complex and expensive target system that is necessary for practice is a common problem. The Practical event can be set up on almost any range and a workable barricade is simple enough, although in both cases a timer's buzzer will have to substitute for turning targets. A lot of local clubs own a rack of plates.

Hardest to manage is the Mover. A few clubs, usually where regional or state Bianchi matches are held, maintain complete Bianchi ranges and a few very serious to-be-envied shooters can luxuriate in owning completely equipped private ranges.

For a number of top Bianchi contenders, there is no other match, and preparation for 1991 started the day the 1990 match ended.

Most others, especially those in or approaching professional status, have to spread their efforts to several disciplines. In 1991 Doug Koenig, Jerry Barnhart, Rob Leatham and Brian Enos had all been to the Florida Invitational IPSC match, Chevy Team Challenge and the Steel Challenge before trying to shift gears in a month for the Bianchi effort.

And afterward they would have Second Chance, the Texas Paper and Iron, and the Springfield Armory/Coors Challenge among numerous other IPSC matches to choose from before the Masters and the US Nationals.

Practice, Practice, Practice

At every opportunity I asked individual Bianchi shooters, some from far places, how they practiced.

Doug Koenig said he would shoot a few thousand rounds in intense practice on his own range in Pennsylvania. Rob and Frank Glenn along with Arnt Myhre had last minute access to a mover on an Arizona police range a couple of weeks before Bianchi, otherwise it was 400 miles over to California.

Jerry Barnhart was exhausted from a busy spring culminating in his brilliant second win at Steel Challenge. He said

Continued on page 110



RESULTS



The results are in! From Australia to Zimbabwe, shooters from around the world have participated in the biggest IPSC match ever held!

Over 2,000 shooters from across the globe competed in the IPSC-sanctioned *American Handgunner International Postal Match*.

The four-stage match, designed by the International Range Officers Institute (IROA), was held at hundreds of local clubs and ranges in 23 nations on six continents.

The *Postal Match* generated well over \$4,000 in entry fees which were paid to *American Handgunner* for administering the match. We in turn donated the entry fees (\$4,384.00 to be precise) to IPSC world headquarters in Brussels, Belgium, to benefit the growth and development of practical shooting worldwide.

Well-known champion Rob Leatham from Arizona, USA, was the match win-

ner with a perfectly balanced performance on all four stages (a third, a third, a tenth and a first). Rob won the *Postal Match* with a Pro-Point sighted Springfield Armory P-9 pistol in 9x21.

Perfect Scoring

Not only is the *American Handgunner Postal Match* the biggest IPSC match ever held, but also it is the most thoroughly documented and comprehensively

Over 2,000 competitors from 23 nations shot it out in the biggest IPSC match ever held! When the smoke cleared, three-time IPSC World Champion Rob Leatham was the winner.

scored match ever.

The nearly 10,000 individual stage results were first tabulated by the production department at Publishers Development Corp., *American Handgunner's* parent company, with a custom designed computer program developed in-house. Our most trusted company administrators devoted their full attention to coordinating the *Postal Match*.

The score sheets were copied for



"Yup, four of 'em," laments Robert Gregg good naturedly. This hostage gave its all at the Terrace Rod & Gun Club in British Columbia, Canada. Above center, Winston Fong shoots 'n scoots on the assault course of the Postal Match held in Kingston, Jamaica. Top left, Dennis Gutz of the HFEA Pistol Club in Anaheim, Calif., takes a break during the Postal Match to catch up on his Handgunner. Top center, Randy Daniels gets a fast mag change at the Arnold Rifle & Pistol Club in St. Louis, Mo. Randy is shooting a .45 ACP "Otto Comp." Top right, a nice arrangement of Postal Match guns from the Metropolitan Pistol Club of Woodbridge, Australia. Opposite page, shooting the tire stage at the Oslo Praktiske Skyttere in Norway. Ecuador, that's the nicest banner of the whole match worldwide! Way to go, guys! Last but not least, Postal Match winner Rob Leatham of Mesa, Ariz.

verification. We commissioned an independent data processing firm to re-score the entire match. The twin results were then compared for 100% error-free tabulation. Any scoring errors were immediately detected and corrected. We apologize if a few names might be misspelled, but not every competitor's handwriting was legible.

Next, a sample of the double-checked results were entered into the official IPSC scoring program, MSS, and a "mini match" was held on computer. Each competitor in the "mini match" was scored by the IPSC program and our custom program to determine if the proper scores were calculated. The results collated perfectly to eight significant figures (00.000000).

Top Clubs

Once we were confident that every one of the 2,192 competitors had received a correct individual score, we then determined the Top Clubs in the world in an unofficial team shoot. Despite the fact that Americans dominated the top positions individually, the average club scores reveal that the Arras Range of France is the top IPSC club in the world.

Australia's Maddington Practical Shooting Club scored second in club average with the Miniota Gun Club of Canada coming in third. The accompanying chart shows the club placings from around the world. Some IPSC Regions sent several clubs' scores in together. These entries are so noted.

Personal Scores

We are publishing the name of every single shooter in the world from the *American Handgunner International Postal Match*, even those who received a DNF (zero score).

We calculated the average individual score at 50.5189. Check your score to see how you compare to the "average."

Including these introductory pages, the scores encompass nearly 30 pages of

COUNTRY CODES AND ENTRIES

Country	Code	Entries
Australia	AUS	257
Belgium	BEL	39
Bolivia	BOL	48
Brazil	BRA	10
Canada	CAN	235
Columbia	COL	17
Denmark	DEN	24
Ecuador	ECU	21
Finland	FIN	20
France	FRA	82
Great Britain	GBR	134
Holland	HOL	11
Israel	ISR	95
Jamaica	JAM	22
Norway	NOR	86
New Zealand	NZL	24
Papua New Guinea	PNG	10
Sri Lanka	SRI	20
Switzerland	SUI	32
Sweden	SWE	21
United States	USA	924
Venezuela	VEN	15
Zimbabwe	ZIM	15
TOTAL	23	2,192

Russell Jung (below, right), match winner at the Los Alamos Sportsmens Club in New Mexico, gives a few tips to a fellow shooter. Bottom, the 26 competitors at the Stavanger Sportskytterlag in Norway.



REGION	AVERAGE Club Points	No. of Shooters	CLUB NAME	CLUB WINNER	Highest Individual	Postal Match Score	Top Individual's Place Overall
FRA	101.0045	5	Arras Range	Herve Cattieuv			2
AUS	91.1012	10	Maddington Pract. Shoot Club	Greg Anderson			23
CAN	83.9116	3	Miniota Gun Club	Dave Strachan			123
AUS	80.0359	11	IPSC South Australia (Craigmore)	Kim Fairclough			41
USA	79.3189	18	Cntr II. Pract. Shooters Club	Dick Heinie			5
FRA	75.8809	7	Reims Range	Michel Nestolat			22
USA	74.0731	18	Pima Pistol Club	Doug Boykin			4
USA	73.3816	16	Fort Wayne Association	Garl Gresley			3
USA	71.9496	12	S.E. Texas Pract. Shooters	Jim Yates			85
USA	71.6899	15	Hidden Hills P.P.C.	Tony Murphy			8
FRA	71.3766	10	Metz Range	Rene Greff			15
SUI	71.2380	32	Combat Club Lenzburg/Svscs	Rolf Schaeren			11
FRA	70.5663	10	Les Pistoliers D'Auteuil	Jean-Michel Voisin			36
USA	66.1097	10	Sundog Shooters	Roscoe Livingston			35
FIN	65.7963	20	I.P.S.C. Region Finland (combined clubs)	Jari Niklander			64
SRI	65.5224	20	N.R.A. Of Sri Lanka	Sarath De Zoysa			176
USA	65.0339	36	Rio Salado Sportsman's Club	Rob Leatham			1
FRA	65.0326	11	Cucchiatti Shooting Associates	Jean Pierre Cucchiatti			79
USA	64.6274	10	Cactus 2nd Sunday Club	Gary Wolford			78
ZIM	64.1941	15	I.P.S.C. Zimbabwe	Ken Norman			31
USA	63.9827	8	Bears Ears Sportsman Club	Greg Smith			13
USA	63.4804	14	Trail Of Tears Pistol Club	John Mark Harvick			90
USA	62.5754	6	Uspsa Michigan Section	John Mireley			328
BEL	61.7331	4	IPSC Belgium (Brussels)	Marc Cauchies			245
USA	61.6348	24	Tuesday Action Shooting Club	Nolan Smyth			60
USA	59.8826	10	H.F.E.A. Pistol Club	Phil Weber			122
USA	59.5236	8	Central Montana Handgunners	Mark Stolen			234
USA	59.1990	13	U.S.P.S.A. Michigan Section	Dale Atkins			70
CAN	59.1599	12	Power System Group	Darryl Wilks			14
CAN	58.7381	27	Red River Practical Shooters	Brian Colp			34
USA	58.6406	18	Los Alamos Sportsmens Club	Mike Barbe			74
USA	58.1025	22	Sights Practical Pistol Shooters	Harold Hoy			21
USA	57.8034	35	Pan America Pistol Club	Israel Vera			119
USA	57.6755	10	Lone Star Practical Shooters	Larry Sample			200
NOR	56.9269	10	W.S.S.L.	Nils Lerum			33
USA	55.5052	40	IPSC USA (Phoenix, AZ)	Tim Milkovien			51
VEN	55.2184	45	Inversiones Magnum	Francisco Vigil			37
USA	55.1989	16	Cape Cod Gun Club	Bob Brackett			120
AUS	55.1552	11	Southern Vales Practical Shooting Club	Bill Wood			218
USA	55.0143	17	Starry Pract. Shooters Club	Roger Hunter			185
NOR	54.8912	50	Oslo Praktiske Skyttere	J.I. Amundsen			17
AUS	54.7718	28	Metropolitan Pistol Club	Jim Cohen			25
USA	54.5581	24	San Juan Wildlife Fed. Range	Floyd Wine			91
BEL	54.3324	35	Belgian Parcoures Shooting Assoc.	Raymond Plateus			99
USA	54.2949	16	Coal Creek Gun Club	Darrel Stonebraker			107
AUS	53.9042	13	A.C.P. Imports	Mark Carman			450
USA	53.8832	40	Linea de Fuego (San Diego, CA)	Terry Curry			46
CAN	53.5263	13	N. Ontario Practical Shooting League	Sid Wasitis			160
HOL	53.0393	11	Shooting Club Gennep Shooters	Bart van Wuck			188
CAN	52.8995	29	Bank/Hunt Club	Wolf Hofmann			57
AUS	52.4934	22	R.T.O.N. Pistol Club Inc.	Tom Gully			43
USA	52.3546	38	Milan Rifle Club	Robert Houzenga			67
BRA	51.9543	10	Federacao De Tiro Pratico	Antonio Pecego			186
USA	51.8864	25	S.W.H.P.S.	Jay Fry			7
USA	50.7636	20	Abilene Gun Club	Joe Yackley			40



American Handgunner making this by far the most extensive international coverage of any pistol match ever held. Estimated value of such coverage, based on our current space rates for advertising, is over \$60,000!

In the accompanying list of scores, those who finished in the top 10 of any of the four stages are highlighted. Anyone wishing to see a detailed scoring of their performance in each of the four stages should send a self-addressed envelope and \$5 handling to the International Range Officers Institute, P.O. Box 805, Oakville, Ontario, L6J 5C5, Canada.

Global Flavor

In tabulating the results, we noticed

REGION	AVERAGE Club Points	No. of Shooters	CLUB NAME	CLUB WINNER		Top Individual's Place Overall
				Highest Individual	Postal Match Score	
AUS	50.0229	10	W. Australian Practical Pistol Club	Trevor Collins	310	
GBR	49.8584	122	U.K.P.S.A. (combined clubs)	Mike Cripps	18	
USA	49.5928	26	Arnold Rifle & Pistol Club	William Hiebert	233	
USA	49.5047	17	Thimling Shooting Range	Brad Tredway	236	
USA	49.4600	36	Rio Grande Practical Shooting Club	Mike Barbe	71	
AUS	49.3595	62	Duncan Parker Range Master	Ivan Rehlicki	16	
FRA	49.1639	16	Vannes Range	Patrick Morin	223	
CAN	49.0763	20	Cumberland Rod & Gun	Ronald Handy	158	
CAN	49.0582	9	Northumberland Pistol & Revolver	Wayne Millson	149	
CAN	48.7154	13	A.R.T.L.	Miklos Boldog	112	
USA	48.6339	16	Chickasaw Shooting Sports Assn.	Barry Miller	182	
NOR	48.5928	26	Stavanger Sportskytterlag	Stein Roald Levang	279	
CAN	48.4644	12	IPSC CANADA (Vanderhoof, BC)	Pat O'Meara	287	
USA	47.9086	14	Top Brass Shooters	Ryan Witt	93	
CAN	47.7397	26	Sharaon Gun Club	Bryan Marino	61	
USA	47.3391	27	Fort Worth Rifle & Pistol Club	Steve Sharpe	96	
USA	47.1133	12	High Plains Handgunners	George Pointon	437	
DEN	46.0916	24	I.P.S.C. Denmark (combined clubs)	George Thornvigt	39	
CAN	45.4340	12	Guelph Rod & Gun	Stuart Rankine	12	
AUS	45.3884	11	Devenish Pract. Pistol Club	Roy Bannister	125	
SWE	45.1749	11	IPSC SWEDEN (Katrineholm)	Bjorn Anderlund	500	
AUS	44.7576	12	St Ives Pistol Club Inc	Edward Schulz	225	
CAN	44.6124	10	IPSC CANADA (Branford, Ontario)	Jamie Armour	127	
USA	44.5848	11	Otero Practical Pistol Assoc.	Don Bednorz	136	
USA	44.3675	15	Hawaii Practical Shooting Assoc.	Danny Batt	193	
USA	44.0653	16	Vanderberg Gun Club	Bob Sauzek	49	
FRA	42.7300	23	S.T.T.S. Shooting Club	Maire Laurent	154	
USA	42.3601	25	IPSC USA (W. Palm Beach, FL)	Stan Olsen	9	
SWE	41.8367	10	Haglund Shooting Club	Bosse Stenstrom	635	
USA	41.5558	18	Big Island Gun Club	Ed Ah Toong	262	
USA	41.4607	12	N C W Gun Club	Mike Claphan	421	
ISR	41.2469	95	Sports Federation Of Israel	Ygal Sternik	97	
NZL	40.7802	24	Practical Shooting Institute	Raymond George	168	
JAM	40.1787	22	Jamaica Rifle Association	Ronald Brown Jr	116	
USA	39.7987	11	Tony Tank Rifle & Pistol Club	Joseph Baker	321	
USA	39.7672	30	Picacho Gun Club	Richard O'Connor	166	
CAN	39.0986	15	Police Training & Shooting Club	Jon Gould	325	
USA	38.8023	16	Idaho Society Practical Shooters	Stuart Wong	65	
ECU	37.8510	21	C.O.P.A. Sudamericana Ecuador	Jose Orus	100	
AUS	37.1286	47	IPSC Northern Territory Australia	Phil Stacey	289	
USA	36.3253	11	IPSC USA (West Worth, OH)	Randy Brownfield	156	
USA	35.9337	15	Juneau Rifle & Pistol Club	Duane Buell	446	
AUS	34.1352	15	Impact Practical Shooting League	Neil Downie	557	
AUS	33.4494	5	Illawarra Pistol Club	Paul Jordan	780	
CAN	33.3904	17	Terrace Rod & Gun Club	Jim Manson	457	
GBR	33.3182	12	Merseyside Armoury	Peter Watson	340	
USA	32.8685	26	B & R Guns Outdoor Range	Billy Ellison	594	
USA	31.6278	10	Magnum's Sportsman's Club	George Lieb	950	
CAN	31.3757	17	Barrie Gun Club	Gerhard Neumann	478	
COL	30.0353	17	I.P.S.C. Regional Colombia	Nicolas Barrero	572	
USA	28.3061	10	Arab Practical Shooting Club	Al Dolney	1091	
USA	27.8380	11	I.C.V.S.A. Sleepy Elk Ranch	Charles Bartlemay	453	
BOL	24.7731	48	Int'l De Trio Practical Group	Miguel Reznicek	549	
PNG	14.0948	10	Northern Trading Pty. Limited	Pedro Revilla	1339	



J. Dumancas (above) won the Postal Match in Papua New Guinea while Steve Herberth of Kentucky shows what a perfect double-tap looks like.

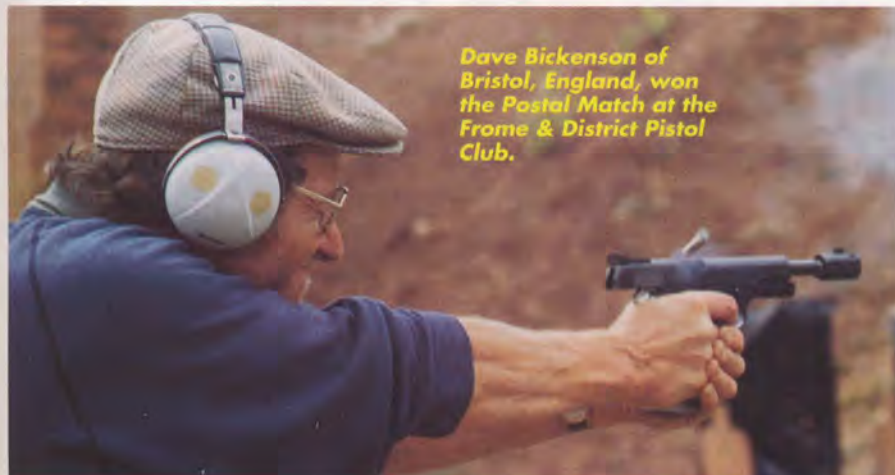


several instances of cross-border cooperation between countries. For instance, some German shooters competed in a Belgium club's *Postal Match*. Similarly, some Canadian shooters dropped down to shoot with some American clubs.

But this sort of global spirit of goodwill is precisely what international sporting events like the *American Handgunner Postal Match* are all about—to promote sportsmanship and camaraderie among shooters the world over.

For the first time, shooters from every corner of the earth could shoot it out with the world's best, including the man whom many reckon is already a living legend, Rob Leatham. The six-time US National Champion and three-time World Champion set a standard in the *Postal Match* that enables everyone, no matter their station in life, to compete in a true world match.

And for many shooters the chance to share the special spirit of international competition will only come with the *Postal Match* because travelling to a far and exotic land is prohibitively expensive



Dave Bickenson of Bristol, England, won the Postal Match at the Frome & District Pistol Club.

in both time and money. *American Handgunner's* full-sanctioned IPSC Postal Match made it possible for shooters everywhere to join together on a common competitive ground.

Let's Do It Again!

Now that we have developed the world's most sophisticated scoring program and administrative procedure, we plan to make the *Postal Match* an annual affair.

Plans are already underway for the 1992 *International Postal Match*. We plan to make the courses of fire even more challenging while remaining within bounds such that every range and club in the world can compete if they want to.

We will promote the handgunning sports again. We plan to donate our time and absorb the costs of administering the match by again contributing all the entry fees to a worthy cause like the International Practical Shooting Confederation.

The final details on the course of fire and procedure for obtaining a match description are still being refined. However, we invite you to go ahead and ask your club to schedule a well-publicized date for your own Postal Match.

To obtain your *free* 1992 Postal Match Club Entry Kit, send a postcard—no letters please!—to:

American Handgunner Postal Match
591 Camino de la Reina, Ste. 22
San Diego, CA 92108

The **deadline for scores** to be returned to us will be **July 1, 1992**. The entry fee will remain \$2 per shooter. Collectible hat pins will again be available at nominal cost with all proceeds being donated to a worthy shooting cause.

We anticipate that the 1992 Postal Match will again receive official IPSC sanction. So join the world and shoot it out in the second annual *American Handgunner International Postal Match!*



Yves Corlobe at the Vannes Range in St. Brieuc, France competed in the Postal Match at his club while across the globe in Florida, USA, April Froehlica (above) shot the match in Palm Beach at her club. That's what makes the American Handgunner Postal Match unique—people all over the world can compete together and never leave home!

AMERICAN HANDGUNNER



International Postal Match Results

Yellow highlight indicates a top 10 finish in any of the four stages.

Place	Name/City	Region	Score
1	Rob Leatham; Mesa, AZ	USA	166.6924
2	Herve Cattieuw; Arras	FRA	148.2407
3	Garl Greslev; Fort Wavne, IN	USA	145.2982
4	Douo Boykin; Tucson, AZ	USA	144.4894
5	Dick Heinie; Havana, IL	USA	136.9986
6	Russell Cluver; Havana, IL	USA	135.0641
7	Jav Frv; Houston, TX	USA	130.4993
8	Tony Murohv; Louisville, KY	USA	130.1504
9	Stan Olsen; W Palm Beach, FL	USA	128.4879
10	Greg Benham; Mesa, AZ	USA	127.8843
11	Rolf Schaeren; Lenzburg	SUI	127.1520
12	Stuart Rankine; Acton, Ont	CAN	127.0504
13	Greg Smith; Craio, CO	USA	126.2756
14	Darryl Wilks; Calgary, Alberta	CAN	125.1491
15	Rene Greff; Fleury	FRA	123.9087
16	Ivan Rehlicki; Cranbourne	AUS	123.7428
17	J.I. Amundsen; Oslo	NOR	123.0738
18	Mike Cripps; Southampton	GBR	122.5218
19	Braxton Thomason; Houston, TX	USA	122.3034
20	Bob Wilhelm; Cranbourne	AUS	122.2502
21	Harold Hov; Harrisburg, PA	USA	121.2920
22	Michel Nestolat; Reims	FRA	121.1558
23	Grea Anderson; Gosnells	AUS	120.8949
24	Lyons Richard; Southampton	GBR	119.7332
25	Jim Cohen; Woodridge, QLD	AUS	119.5956
26	Alan Arnsby; Southampton	GBR	119.2529
27	Andy Haines; Southampton	GBR	118.2905
28	Armin Landolt; Lenzburg	SUI	117.9528
29	Markus Aebischer; Lenzburg	SUI	116.5644
30	Seth Nadel; Tucson, AZ	USA	116.4859
31	Ken Norman; Oakville, Ont	ZIM	116.4321
32	Paul Mason; Harrisburg, PA	USA	115.7827
33	Nils Lerum; Norway	NOR	115.5757
34	Brian Colp; Grandforks AFB, ND	CAN	115.4679
35	Roscoe Livinaston; Prescott, AZ	USA	115.3387
36	Jean-M. Voisin; I. L. Moulinaux	FRA	115.1484
37	Francisco Vigil; Lourdes Edif Cortijos	VEN	115.0198
38	Jake Kempton; Mesa, AZ	USA	114.9641
39	George Thornvig; Nyborg	DEN	114.8837
40	Joe Yacklev; Abilene, TX	USA	114.6041
41	Kim Fairclough; Craiimore	AUS	114.2159
42	Mark Marshall; Gosnells	AUS	114.0988
43	Tom Gulley; RTON Mail Centre	AUS	114.0716
44	Jo Gerrard; Reims	FRA	114.0432
45	Jimmy J. Naranjo C; Lourdes E. Cortijos	VEN	113.6360
46	Terry Curry; El Cajon, CA	USA	113.5272
47	Peter Kressibucher; Lenzburg	SUI	113.3079
48	Paul Nowak; Cranbourne	AUS	113.2147
49	Bob Sauzek; Vadenberg AFB, CA	USA	112.5706
50	Scott Schirmer; Louisville, KY	USA	112.5276
51	Tim Milkovien; Phoenix, AZ	USA	112.3761
52	Alain Joly; Issy Les Moulinaux	FRA	110.7945
53	Paul Askew; Tucson, AZ	USA	110.7322
54	Sebastian Pagana; Gosnells	AUS	110.6898
55	Kippi Boykin; Tucson, AZ	USA	110.3442
56	Errol Thomas; RTON Mail Centre	AUS	109.9660
57	Wolf Hofmann; Ottawa, Ont	CAN	109.8123
58	Clay Faulkner; Mesa, AZ	USA	109.6243
59	Vic Machren; Mesa, AZ	USA	109.5539
60	Nolan Smyth; San Jose, CA	USA	109.4655
61	Bryan Marino; Toronto, Ont	CAN	109.1064
62	Jerry Hoy; Harrisburg, PA	USA	108.3773
63	William Boychuk; Ottawa, Ont	CAN	108.3214
64	Jari Niklander; Helsinki	FIN	108.3142
65	Stuart Wona; Boise, ID	USA	108.2870
66	Johnny Hoffman; Oslo	NOR	108.1789
67	Robert Houzenga; Port Byron, IL	USA	108.1253
68	Laurent jaloux; Reims	FRA	107.2307
69	Dan Pedulla; Toronto, Ont	CAN	107.1732
70	Dale Atkins; Owosso, MI	USA	107.0049
71	Mike Barbe; Albuquerque, NM	USA	106.2669
72	Tawn Argeris; Tucson, AZ	USA	106.2411
73	Steven Wilson; Phoenix, AZ	USA	105.9643
74	Mike Barbe; Los Alamos, NM	USA	105.8649
75	Russell Jung; Los Alamos, NM	USA	105.8101
76	Jim D Nigro; Prescott, AZ	USA	105.7979
77	Richard Hamel; Grandforks AFB, ND	CAN	105.4485
78	Gary Wolford; Prescott, AZ	USA	105.1551
79	Jean Pierre Cucchiatti; Nice	FRA	105.0179
80	Chris Edwards; Louisville, KY	USA	105.0062
81	Marvin Insocho; Phoenix, AZ	USA	104.8612
82	Michael McAuliffe; Southampton	GBR	104.7816
83	Timo Hietala; Helsinki	FIN	104.7178
84	Bill Maas; Prescott, AZ	USA	104.5924
85	Jim Yates; Beaumont, TX	USA	104.3652
86	Robert Adam; Southampton	GBR	104.2050
87	Urs Landolt; Lenzburg	SUI	104.0716
88	Anthony Pagana; Gosnells	AUS	103.5661
89	Patrick J Hennessy Jr; Houston, TX	USA	103.4222

90	John Mark Harvick; Jonesboro, IL	USA	102.8782
91	Floyd Wine; Farmington, NM	USA	102.8327
92	Merle Bueker; Fort Wayne, IN	USA	102.7024
93	Ryan Witt; Millington, TN	USA	102.5197
94	Horst Seidler; Lenzburg	SUI	102.4349
95	Alistair B Moodie; RTON Mail Centre	AUS	102.2207
96	Steve Sharpe; Fort Worth, TX	USA	102.1053
97	Ygal Sternik; Ra'Anan	ISR	101.9472
98	Wilder Dresser; Tucson, AZ	USA	101.8254
99	Raymond Plateus; Bruxelles	BEL	101.7002
100	Jose Orus; Guayaquil	ECU	101.4976
101	Andy Sutherland; Craigmore	AUS	101.2647
102	Shane Thomas; RTON Mail Centre	AUS	101.0799
103	Carol Wine; Farmington, NM	USA	100.7827
104	Jeff Mangum; Phoenix, AZ	USA	100.6987
105	Daryl Kluth; Craigmore	AUS	100.6897
106	Andre Alziari; Nice	FRA	100.6061
107	Darrel Stonebraker; Covington, IN	USA	100.5555
108	Andrew Moss; Cranbourne	AUS	100.1444
109	Daniel Renggli; Lenzburg	SUI	99.8104
110	Heikki Ovaska; Helsinki	FIN	99.4872
111	Dan Stouffer; Mesa, AZ	USA	99.3758
112	Miklos Boldog; Quebec	CAN	99.3618
113	Felipe G Campos; Fort Wayne, IN	USA	99.1866
114	Nadine Cattieu; Arras	FRA	98.9282
115	John Crawford; Southampton	GBR	98.9149
116	Ronald Brown Jr; Kingston	JAM	98.8270
117	Dave Beck; Albuquerque, NM	USA	98.6886
118	Harald Westbye; Oslo	NOR	98.6397
119	Israel Vera; Miami, FL	USA	98.3789
120	Bob Brackett; Yarmountport, MA	USA	98.0647
121	Tom Olesen; El Cajon, CA	USA	97.8899
122	Phil Weber; Anaheim, CA	USA	97.8766
123	Dave Strachan; Manitoba	CAN	97.6225
124	Ottar Renholt; Oslo	NOR	97.5865
125	Roy Bannister; Victoria	AUS	97.4690
126	Joe Panici; Havana, IL	USA	97.4544
127	Jamie Armour; Brantford, Ont	CAN	97.4485
128	Tim Gardgnon; Southampton	GBR	97.3095
129	Don Reynolds; Havana, IL	USA	97.1743
130	Robert Buntschu; Lenzburg	SUI	97.1605
131	Rick Hahn; Fort Wayne, IN	USA	97.0999
132	Kelvin Cameron; Craigmore	AUS	97.0823
133	Paul Kirkpatrick; Southampton	GBR	97.0090
134	Pierre Langache; Arras	FRA	96.7195
135	Michael Lim; Gosnells	AUS	96.4069
136	Don Bednorz; Alamogordo, NM	USA	96.3119
137	Ivan Runions; Calgary, Alberta	CAN	96.2737
138	Jose R. Rivero; Lourdes E. Cortijos	VEN	96.2653
139	Willis Capen; Fort Wayne, IN	USA	96.2133
140	Andreas Manke;	GER	96.2037
141	Ced Ilas; San Jose, CA	USA	96.0798
142	Ian James Butler; Southampton	GBR	96.0461
143	Dale Alcorn; Abilene, TX	USA	96.0237
144	Mike Ensminger; El Cajon, CA	USA	95.9793
145	Terry Fischer; Port Byron, IL	USA	95.6776
146	Leo Harrison; Havana, IL	USA	95.6749
147	Joe Cramer; Prescott, AZ	USA	95.5125
148	Jerry Dillard; Louisville, KY	USA	95.4893
149	Wayne Millson; Ontario	CAN	95.3223
150	Ann Livingston; Prescott, AZ	USA	95.3165
151	Robert O'Dell; Grandforks AFB, ND	CAN	95.1981
152	John Ioulatene; Cranbourne	AUS	95.1290
153	Mike Morehead; Port Byron, IL	USA	95.0908
154	Maire Laurent; St Orens	FRA	94.7471
155	Tom Berger; Oslo	NOR	94.5275
156	Randy Brownfield; West Worth, OH	USA	94.4602
157	Rene Lamar; Miami, FL	USA	94.4170
158	Ronald Handy; Courtenay, BC	CAN	94.2468
159	Doug DeJonge; Owosso, MI	USA	94.0385
160	Sid Wasitis; Hamner Ontario	CAN	93.9709
161	Vic Pickett; Mesa, AZ	USA	93.9427
162	Eamonn McAuliffe; Southampton	GBR	93.9401
163	Kevin Brooke; Cranbourne	AUS	93.8941
164	Jean-C. Bouchut; I. L. Moulinaux	FRA	93.8641
165	Darren Spencer; Gosnells	AUS	93.7777
166	Richard O'Connor; Las Cruces, NM	USA	93.7106
167	Maree Marshall; Gosnells	AUS	93.6361
168	Raymond George; Christchurch	NZL	93.6063
169	David Miller; Miami, FL	USA	93.4129
170	Rick Gariepy; Ottawa, Ont	CAN	93.3530
171	Andre Chevrier; Ottawa, Ont	CAN	93.2873
172	Larry Manning; Grandforks AFB, ND	USA	93.2226
173	Dan Furbee; Mesa, AZ	USA	93.0583
174	Rich Reed; Phoenix, AZ	USA	92.8518
175	Robert Yap-Foo; Kingston	JAM	92.7771
176	Sarah De Zoysa; Colombo	SRI	92.7470
177	Steve Walker; Jonesboro, IL	USA	92.7238
178	Ken Watson; Christchurch	NZL	92.6787

Continued on page 91

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GETTING ALONG

Continued from page 59

ers until you find one that satisfies you.

Get The Lead Out

If a barrel does get severely leaded, a good way to remove the fouling is with a Lewis Lead Remover. This little item is indispensable for this particular job. The trick is a rubber plug which forces a brass screen against the bore. The plug is pulled through the bore in the same direction as the bullet and the screen picks up the lead in only a few passes. There is no chance of damage to the bore.

Powder is another area where the smart shooter can really help his accuracy and reliability by trying different brands. As with the primers, there is no need to mention any specific manufacturer. You all know the makers and what the favorites are, but do you know exactly what your gun will do with another brand?

Don't be afraid to try another combination because the results might surprise you and besides that, the practice will do you good. Frequent chronograph checks here can help your scores. Different lots of powder seem to have slightly different results so frequently check the velocity of your ammo.

Don't check just two or three rounds.

SYMPTOM

Failure to eject, case still in chamber.

Stovepipe or smokestack malfunction. Case trapped in between bolt face and barrel.

Failure to feed round fully into chamber.

Slide won't lock back on last shot.

Failure of slide to seat round fully into battery.

CAUSE

1. Broken extractor.
2. Load much too light for recoil spring weight.
3. Something causing loss of slide travel or velocity, like your thumb riding against it.

1. Load too light for recoil spring weight.
2. Extractor tension too light.
3. Insufficient grip on gun.
4. Worn extractor.

1. Extractor tension too heavy or a sharp corner catching on rim of cartridge.
2. Ammo too short in overall length, or too large in diameter.
3. Recoil spring far too light, causing erratic slide action i.e. bouncing off of frame impact area.

1. Broken slide stop.
2. Recoil spring too heavy for load used.
3. Insufficient grip on gun.

1. Dirty or leaded chamber.
2. Weak recoil spring.
3. Ammo loaded without taper crimp.
4. Lead strips from poor reloads lodged in chamber.

To have any meaningful data about your loads, at least 40 rounds need to be checked.

Old Advice

Once upon a time the best recommendation was to shoot the lightest load that

would consistently make the IPSC power factor. This advice should be slightly modified since we have learned that some pistols show a very favorable accuracy gain with only a slight increase in the powder charge. A slightly heavier load

Continued on page 92

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179	Shlomi Dahan; Ra'Anan	ISR	92.6781
180	Don Irvine; Toronto, Ont	CAN	92.5301
181	Jim Randolph; San Jose, CA	USA	92.2987
182	Barry Miller; Blytheville, AR	USA	92.0893
183	Juha Makela; Helsinki	FIN	92.0398
184	Roy Bohmfalk; El Cajon, CA	USA	92.0247
185	Roger Hunter; Corpus Christi, TX	USA	91.7673
186	Antonio Pecego; Rio De Janeiro, RJ	BRA	91.7602
187	Thomas Strebler; Lenzburg	SUI	91.7451
188	Bart van Wuck; GNEP	HOL	91.7196
189	Finn Cato Nordal; Oslo	NOR	91.6936
190	Charlie Brown; Fort Worth, TX	USA	91.5863
191	Sunil Prematilake; Colombo	SRI	91.5701
192	Larry Martinez; Miami, FL	USA	91.5604
193	Danny Batt; Honolulu, HI	USA	91.5292
194	Gary Blansett; Havana, IL	USA	91.4969
195	Dave Bickenson; Southampton	GBR	91.4351
196	Greg Rowe; Craigmore	AUS	91.4237
197	Allan Douglass; Anaheim, CA	USA	91.3597
198	Charlie Myers; Albuquerque, NM	USA	91.1199
199	Gerd Seidler; Lenzburg	SUI	91.0589
200	Larry Sample; Bedford, TX	USA	91.0395
201	Roberto Gutman; Ra'Anan	ISR	90.9861
202	Todd Bensley; Las Cruces, NM	USA	90.8885
203	Santi Kovacs; Bruxelles	ESP	90.7802
204	Dieter Probst; Lenzburg	SUI	90.7521
205	W J Bigwood; W Palm Beach, FL	USA	90.6295
206	Jim Bartels; Havana, IL	USA	90.6023
207	Josef Hofstetter; Lenzburg	SUI	90.5649
208	Greg Nowakowski; Craigmore	AUS	90.4708
209	Joe Carpio; Miami, FL	USA	90.2631
210	Geoffries Hudson; Harrisburg, PA	USA	90.2432
211	Rick Hendrickson; Cranbourne	AUS	90.2132
212	Tim Forshey; Phoenix, AZ	USA	90.2057
213	Stephenn Aitken; Gosnells	AUS	90.0961
214	David Myler; Havana, IL	USA	90.0507
215	Bob Easler; Beaumont, TX	USA	90.0426
216	Guillermo Rondon; Miami, FL	USA	89.9323
217	Willi Fischer; Lenzburg	SUI	89.7296
218	Bill Wood; Aberfoyle PR	AUS	89.6214
219	Dean Jarrett; Corpus Christi, TX	USA	89.4759
220	Kim Lawniczak; Jonesboro, IL	USA	89.3762
221	Ian Caldwell; Woodridge, QLD	AUS	89.2352
222	Mikko Kiiveri; Helsinki	FIN	89.2005
223	Patrick Morin; St Brieuc	FRA	89.1726
224	Johnny Reyes; Oslo	NOR	89.1503
225	Edward Schulz; St Ives NSW	AUS	89.0987
226	Glenn Asher; Louisville, KY	USA	88.9722
227	Elihan Malki; Ra'Anan	ISR	88.9317
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241	Alan Farnfield; Southampton	GBR	87.4153
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243	Michael R Cira; Fort Wayne, IN	USA	87.3790
244	Ananda Chandrasiri; Colombo	SRI	87.3543
245	Marc Cauchies; Brussel	BEL	87.0917
246	Richard Eger; Albuquerque, NM	USA	87.0835
247	Franz Suter; Lenzburg	SUI	86.8211
248	Craig Stapp; Mesa, AZ	USA	86.8037
249	Trevor Roper; Cranbourne	AUS	86.6971
250	James Johnson; Evansville, IN	USA	86.6961
251	Athula Samarasinghe; Colombo	SRI	86.6789
252	Jean-Marie Chardin; I. L. Mouligneaux	FRA	86.5126
253	Yohanan Shimron; Ra'Anan	ISR	86.4868
254	Willard White; Tucson, AZ	USA	86.1833
255	Georges Dazzi; Nice	FRA	86.1320
256	Tim Sanders; Jonesboro, IL	USA	86.0608
257	Mathias Bollmann; Port Byron, IL	USA	86.0133
258	Craig Bowman; Blytheville, AR	USA	85.9660
259	Doug Cowdery; Port Byron, IL	USA	85.9297
260	Gavin Wright; RTON Mail Centre	AUS	85.8140
261	Charles (Friz) Maguire; Bedford, TX	USA	85.7581
262	Ed Ah Toong; Kailua-Kona, HI	USA	85.7183
263	David Olson; Port Byron, IL	USA	85.6827
264	Miguel Cerda; Lourdes Edif Cortijos	VEN	85.5827
265	Siggi Ruch;	GER	85.5673



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would have unnoticeably more recoil, but the accuracy gain would be realized with higher scores on the longer targets.

Brass Basics

What about your brass? Everyone in all the shooting games scrounges brass, but how good is it? One can go overboard trying to save money by shooting his brass until it splits, but there is no need to buy all new brass either.

All the smart shooter needs to do is inspect the brass *before* it's loaded and look for any problems. Now is a good time to sort brands as well.

I always prefer to shoot all one brand at a match, saving the miscellaneous rejects for practice.

What do you look for? Split necks, badly beaten rims, and other problems like the oversize primer pockets mentioned earlier. If there is a black smudge around the primer pocket, it is a pretty safe bet this round should be discarded.

The .45 ACP has a tendency for the rim to grow in diameter after many reloads. This is probably due to the bolt face on the big Colt mashing them over during feeding, thus increasing their diameter.

When the diameter increases to a point where they will no longer go into the slide, you have a failure to feed. What a shooter should do is sort all his brass and keep all the best stuff for matches, then

266	Gerry Churchwell; Blytheville, AR	USA	85.5572
267	Gerard Grauffel; St Brieuc	FRA	85.4721
268	Maria Lea Cerda; Lourdes Edif Cortijos	VEN	85.4581
269	Salim Dominguez; Tucson, AZ	USA	85.4574
270	Gerard Albert; Bruxelles	BEL	85.4204
271	Jayantha Pathiratinne; Colombo	SRI	85.2853
272	Nigel Moody; Southampton	GBR	85.2148
273	Eric Stale Eriksen; Norway	NOR	85.2126
274	Nick Pritchard; Cranbourne	AUS	85.1644
275	Peter Gee; Oakville, Ont	ZIM	85.1302
276	Mark Price; Ottawa, Ont	CAN	85.1182
277	Geir Olstad; Oslo	NOR	85.0649
278	Andrew Carpenter; Owosso, MI	USA	85.0228
279	Stein Roald Levang; Stavanger	NOR	84.9688
280	Bud Dobbins; Millington, TN	USA	84.7425
281	John Reddington; Southampton	GBR	84.7363
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307	Julio Mendez; Lourdes Edif Cortijos	VEN	82.9572
308	Rags Connaway; Fort Worth, TX	USA	82.9351
309	Mark Conway; Phoenix, AZ	USA	82.8830
310	Trevor Collins; Midland WA	AUS	82.8583

use everything else for practice ammo.

Mechanical Problems

We must realize that all mechanical devices are subject to failure. Thirty-three of the finest cars in the world start each Indianapolis 500, but usually less than half finish.

Fortunately, our machines don't have over a thousand parts to worry about. The Colt 1911 design is about as trouble-free as a gun can get, but there are a few areas we need to keep an eye on to avoid trouble.

One is the extractor. This pesky little part must be adjusted perfectly to operate well. Any good pistolsmith worth his pay can do the job in less than 15 minutes, but you can ruin it in a heartbeat.

How? One way is to drop a cartridge into the chamber and slam the slide home. This forces the extractor to jump fully over the rim of the round and could spring it out of shape. Always feed rounds from the magazine.

Never close the slide with a round in the chamber. The spring pressure on a properly adjusted extractor will just hold a loaded round up to the bolt face, but the round can be easily slipped in and out.

Another shortcut to extractor death is to never remove it for cleaning. If you will examine the design of the gun, you will notice the extractor fits into a round hole in the slide. But, the extractor shape is somewhat oval, which leaves a gap on

- 311 Roberto H. Cavalleri; Lourdes E. Cortijos **VEN** 82.7293
- 312 John Traynor; San Jose, CA **USA** 82.4732
- 313 Mario Molina; Darwin NT **AUS** 82.4384
- 314 Jim Grabbard; W Palm Beach, FL **USA** 82.3779
- 315 Srinath Rajapakse; Colombo **SRI** 82.3494
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- 319 Marvin Insocho; Prescott, AZ **USA** 81.9017
- 320 Doc Payne; El Cajon, CA **USA** 81.8962
- 321 Joseph Baker; Allen, MD **USA** 81.8835
- 322 Warren Byrd; Covington, IN **USA** 81.8822
- 323 Larry Spain; Farmington, NM **USA** 81.8339
- 324 Jim Kurtz; Harrisburg, PA **USA** 81.8120
- 325 Jon Gould; St John, New Brunswick **CAN** 81.7789
- 326 Colin Maag; Woodridge, QLD **AUS** 81.7720
- 327 Mark Costello; Midland WA **AUS** 81.7650
- 328 John Mireley; Owosso, MI **USA** 81.7324
- 329 Tim Hayden; Southampton **GBR** 81.7201
- 330 Corrado Bozzoloto; Bruxelles **BEL** 81.6771
- 331 Eric Trammel; Phoenix, AZ **USA** 81.6223
- 332 Janaka Ritigahapola; Colombo **SRI** 81.6140
- 333 Federico Cabello; Lourdes Edif Cortijos **VEN** 81.3809
- 334 Mike McClain; Roy, MT **USA** 81.3106
- 335 Kurt Mills; Mesa, AZ **USA** 81.2014
- 336 Jytte Thornvig; Nyborg **DEN** 81.1181
- 337 Don Gil; Beaumont, TX **USA** 81.1116
- 338 Lewis Chandler; San Jose, CA **USA** 81.1067
- 339 Olivier Baland; Arras **FRA** 81.0650
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- 341 Nir Tsafir; Ra'Anan **ISR** 80.9900
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- 343 Peter Driscoll; Victoria **AUS** 80.7104
- 344 Miguel C. D. Porta; Lourdes E. Cortijos **VEN** 80.6307
- 345 Robert Jones; San Jose, CA **USA** 80.5393
- 346 William Joly; Issy Les Moulineaux **FRA** 80.2871
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- 350 Charles Strobbe; Port Byron, IL **USA** 80.0065
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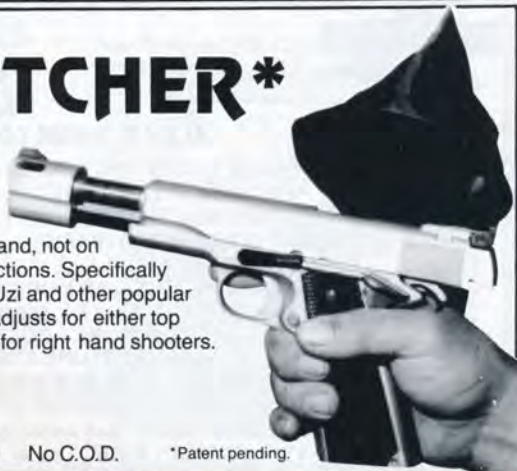
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the outside. This gap allows burnt and unburnt powder to enter and eventually work its way around in front of the extractor.

If left unattended long enough, the crud forces the extractor hook away from the bolt face and you get a failure to eject. The solution is simple. Remove it and run a cotton swab through the hole. You might be surprised what comes out.

Springs are a source of great controversy everywhere pistol shooters gather— heavier or lighter, replace often or infrequently. Let's reduce it down to what really matters, reliability.

Usually it's best to go with your pistolsmith's advice on replacement weight and time in a custom gun and keep a spare or two on hand. Another suggestion is to check the length and wire diameter of any different recoil springs and write it down in a safe place. This information will be useful when you mix up the springs.

Also note the length of the springs when they are new. If the recoil spring show signs of collapsing with use, it should be replaced. If it has fired 5,000 rounds, but is still the same length as your new replacement, then there would be no reason to change it.

Magazine Problems

The easiest mechanical part of an auto pistol to change is the magazine. It's also

Continued on page 96

356	Billy Armour; Albuquerque, NM	USA	79.8968
357	Brent Rowe; Courtenay, BC	CAN	79.8377
358	John Dash; Cranbourne	AUS	79.8247
359	Ken Bell; Calgary, Alberta	CAN	79.7749
360	Tauno Kuitunen; Helsinki	FIN	79.7168
361	Lance Griffin; Cranbourne	AUS	79.6535
362	Helge Gjelstad; Oslo	NOR	79.5604
363	John C Jones; Jonesboro, IL	USA	79.3446
364	Tom Yardy; Ontario	CAN	79.3008
365	Rheal Belanger; Ottawa, Ont	CAN	79.2648
366	Bruce Gubbins; Cranbourne	AUS	79.2550
367	Randy Rees; Roy, MT	USA	79.2383
368	Alan Chun; San Jose, CA	USA	79.2135
369	Joe Pokay; Craig, CO	USA	79.1789
370	Teresa Offutt; Farmington, NM	USA	79.0148
371	Ray Hirst; Havana, IL	USA	78.9642
372	Stephen Alan Greer; Southampton	GBR	78.9406
373	Ramon M Doria; St Louis, MO	USA	78.8722
374	Doug Meleisea; Darwin NT	AUS	78.7819
375	Jack Kauffman; Tucson, AZ	USA	78.7417
376	Jim Bigwood; Miami, FL	USA	78.7006
377	Patryck Thevenard; Nice	FRA	78.6936
378	Steve Yee; Kailua-Kona, HI	USA	78.6834
379	Martyn Speirs; Southampton	GBR	78.5921
380	Albert Rodrigo; Colombo	SRI	78.4833
381	Nick Caruso; Corpus Christi, TX	USA	78.3462
382	Doug Baker; Craig, CO	USA	78.0241
383	Andrew Menear; Woodridge, QLD	AUS	78.0057
384	Miki Elhayani; Ra'Anan	ISR	77.9726
385	Tom Edwards; Farmington, NM	USA	77.9513
386	Daniel N. Vargas; Lourdes E. Cortijos	VEN	77.7980
387	Michael Venter; Oakville, Ont	ZIM	77.6360
388	Stephen Russell; Ottawa, Ont	CAN	77.5806
389	Kevin Travis; Owosso, MI	USA	77.5412
390	James Ochoa; San Jose, CA	USA	77.4589
391	Charles Thomas; Louisville, KY	USA	77.4588
392	Cal Martin; Toronto, Ont	CAN	77.4570
393	Geoffrey Stevens; Oakville, Ont	ZIM	77.4191
394	Mark Bush; St Ives NSW	AUS	77.4051
395	Tom Stenhouse; Hamner Ontario	CAN	77.4028
396	Michael Brown; Jonesboro, IL	USA	77.3688
397	Micha Hollander; Ra'Anan	ISR	77.3686
398	Ted (Frank) Dixon; Courtenay, BC	CAN	77.3435
399	Bryan Hodges; Calgary, Alberta	CAN	77.3176

Continued on page 96

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Continued from page 94

the easiest part to ruin. Since the advent of the action shooting games it has become common practice to drop your empty magazines on the ground.

Of course the landing zone could consist of sand, gravel, or other type of medium that may worm its way into the working parts of your magazine.

If you don't know how to take yours apart, I suggest that you learn. It's not difficult and will help your reliability. There are even specially made brushes now available to make your cleaning job easier. (The brand name is Mag-Brush and they're available from Brownells at 1-515-623-5401.)

Upon reassembly, keep the oil to an absolute minimum to slow down the attraction of dirt.

I suggest cleaning the gun after every shooting session. I don't mean a complete tear down, but a simple field strip cleaning will take very little time and add years to your guns life.

A gun has no way to retain oil when it is being fired so be sure to replace what was lost during firing and cleaning. Oil all the parts that move against one another with a drop or two of your favorite oil.

Gun Handling

Even though the 1911 design has been around for over 80 years, there is a con-

Continued from page 94

400	Earl Smith; Port Byron, IL	USA	77.2819
401	Jorgen Svenning Sorensen; Nyborg	DEN	77.2708
402	Harald Busch; Norway	NOR	77.1384
403	Melvin Redford; Southampton	GBR	77.0838
404	Fred Fuller; Harrisburg, PA	USA	77.0104
405	Gunner Roos; Oslo	NOR	76.8415
406	Louise Landry; Quebec	CAN	76.8339
407	Paul Anderson; Grandforks AFB, ND	USA	76.8247
408	Larry Gander; Grandforks AFB, ND	USA	76.8090
409	Rich Simmons; Kailua-Kona, HI	USA	76.8024
410	Miguel E. B. Escalona; Lourdes E. Cortijos	VEN	76.7052
411	Christian Aostini; St Orens	FRA	76.6932
412	Ken Carter; St Ives NSW	AUS	76.6504
413	Rick Steele; West Worth, OH	USA	76.5999
414	Nigel Everard; Southampton	GBR	76.5176
415	Mark Behar; W Palm Beach, FL	USA	76.5010
416	James Welch; Albuquerque, NM	USA	76.4858
417	Svien Olav Hagboe; Stavanger	NOR	76.4632
418	John Lindquist; San Jose, CA	USA	76.3185
419	Mike Stabbs; Beaumont, TX	USA	76.3144
420	Jesus Pueyo; Lourdes Edif Cortijos	VEN	76.2514
421	Mike Claphan; Wenatchee, WA	USA	76.2445
422	Aviel Shalom; Ra'Anan	ISR	76.1724
423	Tom Jensen; Stavanger	NOR	76.1112
424	Mike Young; Southampton	GBR	75.7791
425	Simione Gourousis; Yarmountport, MA	USA	75.6844
426	Eric Stevens; Harrisburg, PA	USA	75.4982
427	Kevin Coffin; Southampton	GBR	75.4849
428	David Smith; Evansville, IN	USA	75.4371
429	Larry Fisher; Anaheim, CA	USA	75.4235
430	Rene Cusumano; Los Alamos, NM	USA	75.3739
431	Fermin Garza; Corpus Christi, TX	USA	75.2841
432	Ed Tudor; Owosso, MI	USA	75.1675
433	Ken Cameron; Mesa, AZ	USA	75.1339
434	Oscar Pueyo; Lourdes Edif Cortijos	VEN	74.8888
435	Bill Radigan; Bruxelles	USA	74.7691
436	Wayne Johnston; Los Alamos, NM	USA	74.7378
437	George Pointon; Rocky Ford, CO	USA	74.6945
438	Joel Pujol; St Orens	FRA	74.6232
439	Graham Bare; Southampton	GBR	74.5529
440	Rune Hagen; Stavanger	NOR	74.5514
441	Bob Chilcott; Ontario	CAN	74.5061
442	Ed Yanowitz; Miami, FL	USA	74.4652

stant flow of new shooters who have not yet learned the few tricks that successful handling can contribute.

Probably the most important item to learn is how to save the all important trigger pull. Rule one is never to drop the slide without a round being fed from the magazine.

There are two important reasons for this. While the pistol is normally being fired, cycling takes place while the trigger is being pulled fully to the rear. This allows the sear spring to move the sear into position to catch the hammer and thus prevent fully-automatic firing.

The resistance of the cartridge moving from the magazine and underneath the extractor, also slows the slide somewhat and allows it to feed the round and seat it in the chamber.

Let's assume the slide has been locked back with no magazine, or no cartridges present in the magazine, and the slide stop is pressed. Now the slide accelerates rapidly with nothing to slow its advance and hits home with the gusto of a Alaskan bear trap.

This impact causes several reactions inside the gun, the worst being the rebound of the trigger can now hit the sear, which frequently dislodges it from the hammer causing it to fall onto the half cock notch.

This usually flattens out the precious angles so carefully stoned by the pistol-smith and ruins the trigger pull. Heavier

- 443 Greg Maslin; Aberfoyle PR **AUS** 74.3888
- 444 Ivan Gjetrang; Oslo **NOR** 74.3388
- 445 Paul Criswell; Phoenix, AZ **USA** 74.3325
- 446 Duane Buell; Juneau, AK **USA** 74.3159
- 447 Jim Peter; Evansville, IN **USA** 74.2848
- 448 Reid Zirkle; Los Alamos, NM **USA** 74.2078
- 449 Peter Heller; Lenzburg **SUI** 74.1902
- 450 Mark Carman; Plympton **AUS** 74.1513
- 451 Alan Watkins; Nyborg **DEN** 73.9301
- 452 Lou Antolin; Miami, FL **USA** 73.7799
- 453 Charles Bartlemay; Fossil, OR **USA** 73.6917
- 454 Arlin Gurley; Los Alamos, NM **USA** 73.6873
- 455 Desmond Ryan; Cranbourne **AUS** 73.5921
- 456 Lea Johnston; Hamner Ontario **CAN** 73.5754
- 457 Jim Manson; Terrace BC **CAN** 73.5701
- 458 John Ross; Ottawa, Ont **CAN** 73.5294
- 459 Rick Beedle; Covington, IN **USA** 73.4061
- 460 Albert Clark; Covington, IN **USA** 73.4038
- 461 Claude Schummer; Fleury **FRA** 73.3393
- 462 Jim Lombardi; Yormountport, MA **USA** 73.2433
- 463 Larry Fields; El Cajon, CA **USA** 73.2262
- 464 Wayne Gibbs; Woodridge, QLD **AUS** 73.2134
- 465 Patrick Mousset; Nice **FRA** 73.1230
- 466 John Lambrecht; Port Byron, IL **USA** 73.0571
- 467 Matt Naranjo; Los Alamos, NM **USA** 73.0445
- 468 Robert Arnold; Beaumont, TX **USA** 73.0005
- 469 Hanan Ohayon; Ra'Anan **ISR** 72.9933
- 470 Gal Didier; Nice **FRA** 72.9294
- 471 Joe Fazio; Beaumont, TX **USA** 72.9215
- 472 Jim Blegel; Owosso, MI **USA** 72.9090
- 473 Ron Moore; El Cajon, CA **USA** 72.9003
- 474 Vince Shvey; Woodridge, QLD **AUS** 72.7974
- 475 Dennis Crabtree; Covington, IN **USA** 72.7606
- 476 Roger Bartz; Mesa, AZ **USA** 72.7557
- 477 Joe Strachan; Courtenay, BC **CAN** 72.6780
- 478 Gerhard Neumann; Brampton Ont **CAN** 72.6180
- 479 Tom Nugent; San Jose, CA **USA** 72.5299
- 480 Steve Weinzapfel; Evansville, IN **USA** 72.3879
- 481 Dror Maayan; Ra'Anan **ISR** 72.3835
- 482 Ross Newell; Darwin NT **AUS** 72.3107
- 483 Rufus Pardone; Las Cruces, NM **USA** 72.2236
- 484 Steven J Bressan; Phoenix, AZ **USA** 72.1067
- 485 Paul Nicol; Southampton **GBR** 71.8843
- 486 Lee Polzin; El Cajon, CA **USA** 71.8732
- 487 Frederic Brun; Reims **FRA** 71.7666

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.32	95gr.	Semi-Wadcutter Plain Base	15.00	28.00
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recoil springs only serve to aggravate this problem.

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You will learn more by watching the front sight than you will by slamming more magazines in the gun and wildly firing trying to make up time.

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Colt has furnished a different sear arrangement with a buffer spring and

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489	Olavi Vahakallio; Helsinki	FIN	71.6660
490	Valentin Raischer; Ra'Anan	ISR	71.6612
491	Larry Carl; Ontario	CAN	71.5724
492	John McGuire; Alamogordo, NM	USA	71.5314
493	Folke Myrvang; Oslo	NOR	71.4943
494	Jan Tore Haugen; Oslo	NOR	71.4787
495	Glen Graevell; Wenatchee, WA	USA	71.4525
496	Ian Chamberlain; Southampton	GBR	71.3757
497	Aaron Thomason; Craigmore	AUS	71.3710
498	Richard Gill; Houston, TX	USA	71.3702
499	Kent Kotscher; Port Byron, IL	USA	71.3398
500	Bjorn Anderlund; Katrineholm	SWE	71.2483
501	Gerry McEvoy; Quebec	CAN	71.1925
502	Jack Robinson; St Louis, MO	USA	71.1678
503	Bernard Glerant; St Brieuc	FRA	70.9923
504	Mike Merkler; Corpus Christi, TX	USA	70.9372
505	Bart Sevilla; El Cajon, CA	USA	70.9090
506	Wayne Poppel; Manitoba	CAN	70.5911
507	Ken Harkin; Darwin NT	AUS	70.5609
508	John Pardone; Las Cruces, NM	USA	70.5176
509	Dana Kopp; Mesa, AZ	USA	70.4764
510	George Conger; El Cajon, CA	USA	70.4418
511	Moshe Marom; Ra'Anan	ISR	70.3699
512	Efi Aharon; Ra'Anan	ISR	70.3013
513	John Malicdem; San Jose, CA	USA	70.2661
514	Philip Oxley; Juneau, AK	USA	70.2191
515	Vincent Dorville; Fleury	FRA	70.1446
516	Steve Hunott; Jonesboro, IL	USA	70.0931
517	Larry Knudsen; Vanderhoof, BC	CAN	69.9954
518	Pekka Piipponiemi; Helsinki	FIN	69.9892
519	Mike Matsler; Corpus Christi, TX	USA	69.9859
520	Marty Geringer; St Louis, MO	USA	69.9522
521	Zeev Sapir; Ra'Anan	ISR	69.9166
522	John Shropshire; Houston, TX	USA	69.9094
523	Danny Bengco; Grandforks AFB, ND	CAN	69.6651
524	Wivian Paulsen; Oslo	NOR	69.6444
525	Louis W Poldervaart; Bruxelles	HOL	69.6307
526	V Dell Hartley; Boise, ID	USA	69.5492
527	Stephen Bennett; Juneau, AK	USA	69.5429
528	Brian Lewis; Houston, TX	USA	69.4148
529	Gerardo Hung; Lourdes Edif Cortijos	VEN	69.4085
530	Larry Renner; El Cajon, CA	USA	69.3695
531	Doug Strickling; Owosso, MI	USA	69.3242
532	Per-Atle Hallerud; Norway	NOR	69.1968

lever to stop the heavier Gold Cup trigger from bouncing. My solution is simple. Never slam the slide shut on an unloaded gun. Hold on to it firmly, close it gently, and let the hammer down.

A frequently recommended loading practice is the suggestion to hold the trigger to the rear while pressing the slide stop. I admit this does solve the problem of trigger bounce, but the sequence must be: 1) seat the magazine 2) press the trigger and 3) press the slide stop.

If under the stress and pressure of a missed reload, the shooter should reverse steps two and three, the result is an accidental discharge.

My suggestion is, first, never run your gun dry. If you don't know how many rounds you have fired, you are already out of control.

Second, load only by seating a magazine, then pulling the slide to the rear and sliding it back home. It's easy to see if it is fully seated when you flip the safety to the on position. If you should happen to run the gun dry during a combat match, keep trying and complete the match, but do so at a slower, more controlled pace.

You will learn more by watching the front sight than you will by slamming more magazines in the gun and wildly firing trying to make up time.

Limp Wrist Syndrome

Another cause of malfunctions is the

533	Bruce Morgan; St Louis, MO	USA	69.1171
534	Mike Springer; Fort Wayne, IN	USA	69.0129
535	Rene Cusumano; Albuquerque, NM	USA	69.0003
536	Jean Pierre Quoilim-Gimolim; St Orens	FRA	68.9759
537	Steve Buxton; Southampton	GBR	68.9662
538	Robert Reynolds; Fort Wayne, IN	USA	68.9314
539	Boerre Borgersen; Oslo	NOR	68.8682
540	Ty Wilson; Craig, CO	USA	68.7967
541	John Hurd; Owosso, MI	USA	68.7560
542	Richard W Dennis; Harrisburg, PA	USA	68.6731
543	Bill Polnaszek; Albuquerque, NM	USA	68.6508
544	Kumudu Nayanapriya; Colombo	SRI	68.6507
545	Mike Small; Bedford, TX	USA	68.6309
546	Eric Hartman; Phoenix, AZ	USA	68.6237
547	Wade Hughes; Phoenix, AZ	USA	68.5830
548	German R. Polanco; Lourdes E. Cortijos	VEN	68.5747
549	Miguel Reznicek; La Paz	BOL	68.4831
550	John Sticklen; Woodridge, QLD	AUS	68.4793
551	Joe Donald; Brampton Ont	CAN	68.4487
552	Mac McCormick; Mesa, AZ	USA	68.3493
553	Harold Simengaard; Grandforks AFB, ND	USA	68.3454
554	Raymond P Szymczak; Harrisburg, PA	USA	68.3304
555	Graham Griffiths; Southampton	GBR	68.3056
556	Keith Boysen; Port Byron, IL	USA	68.2935
557	Neil Downie; Mt. Gambier, South	AUS	68.2817
558	Brian Petker; Oakville, Ont	ZIM	68.2280
559	Ken McLeod; Prescott, AZ	USA	68.1943
560	Brian Drury; Southampton	GBR	68.1775
561	James D Henry; Christchurch	NZL	68.1731
562	Mike Stinnett; Millington, TN	USA	68.1509
563	John Backhaus; Victoria	AUS	68.0092
564	Ron Flint; Southampton	GBR	67.9076
565	Barry Lofing; Rocky Ford, CO	USA	67.8869
566	Mark Seiden; Miami, FL	USA	67.8692
567	Joe Draeger; Cranbourne	AUS	67.8332
568	Charlie Toler; Beaumont, TX	USA	67.7374
569	Barry Taylor; Darwin NT	AUS	67.7273
570	Tommy Dyess; Abilene, TX	USA	67.6878
571	Jonny Vestli; Oslo	NOR	67.6862
572	Nicolas Barrero; Bogota	COL	67.6725
573	John Ryan; Corpus Christi, TX	USA	67.6599
574	Herb Gifford; Prescott, AZ	USA	67.6457
575	Bruce Holden; Honolulu, HI	USA	67.6191
576	Lee Edwards; Havana, IL	USA	67.6128
577	Thomas Nielsen; Oslo	NOR	67.5878

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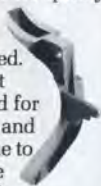
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failure of the shooter to hold on to the gun securely.

The 1911, and most all other auto pistols, are recoil operated. This means that the only thing the gun has to push on to unlock is the shooter himself. How many times have you seen a shooter whose gun seems to work perfectly in freestyle, croak during the weak-hand stages?

This gun probably has a heavy spring that works perfectly well since the gun has the resistance of both hands of the shooter. When the gun is held by only one hand, or held weakly, the arm absorbs some precious slide momentum, and the gun has a malfunction known as a smokestack, or stovepipe.

This is where the spent case is caught by the slide before it can clear the gun. This is simply a failure to eject by insufficient slide travel.

People with small hands or weak wrists can help their gun function by building up muscles in this area. You should hold on to the gun so tight that the checkering makes an imprint in your hand. Another bonus when a shooter holds on to a gun this tight is that the trigger pull seems lighter.

If you apply these principles of reliability, your scores are sure to go up and your malfunctions will go down. Now, get out on the range and start to work.



578	Ian Fachie; Toronto, Ont	CAN	67.5827
579	Gary Lowder; Bedford, TX	USA	67.5491
580	Robert Barber; Southampton	GBR	67.5303
581	Mark Schumacher; Port Byron, IL	USA	67.5104
582	Mike Fincher; Allen, MD	USA	67.5098
583	Tab Hunter; Southampton	GBR	67.4901
584	Arthur Gent; Southampton	GBR	67.4682
585	Tom Townsend; Las Cruces, NM	USA	67.3503
586	Larry Johnson; Farmington, NM	USA	67.3459
587	Steve A Collier; Bedford, TX	USA	67.3370
588	Ron Cawyer; Mesa, AZ	USA	67.2949
589	Ted Pritchett; Calgary, Alberta	CAN	67.2795
590	Kevin Gallaher; Farmington, NM	USA	67.2515
591	Gary Woodworth; Port Byron, IL	USA	67.0963
592	Michael Phillips; Southampton	GBR	67.0511
593	Alf Toyen; Oslo	NOR	67.0308
594	Billy Ellison; Havelock, NC	USA	66.9333
595	John Smart; Southampton	GBR	66.7971
596	Mike Pugh; Southampton	GBR	66.7090
597	Nishanthi Ranasinghe; Colombo	SRI	66.6947
598	Kathy Lumley; Havana, IL	USA	66.6933
599	Brad Wilkinson; Abilene, TX	USA	66.6543
600	Don Neratini; Courtenay, BC	CAN	66.6502
601	Jorge Cespon; Miami, FL	USA	66.6029
602	Geronimo Melean; La Paz	BOL	66.3973
603	Jose Fernandez; Miami, FL	USA	66.3911
604	Joaquim Santos; Rio De Janeiro, RJ	BRA	66.3895
605	Dominic Foti; Rocky Ford, CO	USA	66.3883
606	Carlos Bicalho; Rio De Janeiro, RJ	BRA	66.3737
607	Cornelius Bebbler; Bruxelles	GER	66.3349
608	Gary Warner; Owosso, MI	USA	66.3083
609	Valentin Port; Fleury	FRA	66.2812
610	Terry Morris; Terrace BC	CAN	66.2564
611	Chuck Hoelscher; Havana, IL	USA	66.2374
612	Robert Inouye; Wenatchee, WA	USA	66.2235
613	John Perry; Mesa, AZ	USA	66.2007
614	Jon Wheeler; Southampton	GBR	66.1961
615	Guy Blin; Bruxelles	BEL	66.1523
616	Dany Goffin; Bruxelles	BEL	66.1220
617	Ernie Polintan; Calgary, Alberta	CAN	66.1186
618	Stefan Olov Andersson; Katrineholm	SWE	66.1154
619	Matt Bardwell; Midland WA	AUS	66.1087
620	Frank O'Barr; St Louis, MO	USA	66.0389
621	Alan Leedom; Harrisburg, PA	USA	65.9948

Continued on page 102

CHAMPION

Continued from page 20

needed to see but then fading your attention away from the visual inputs. In shooting groups, you should stay with the shot until the gun settles to a stop after recoil.

Although this term means different things to different people, to me "follow-through" is knowing that you saw what you needed to see to guarantee a hit.

Follow-through is visual. The level of follow-through will vary just as will what is necessary to see on different shots. In precision shooting, you should see the front sight track upward in recoil as the muzzle lifts off the target and then see the sight return to rest. In normal IPSC-type situations you normally only need to see the gun stop or, at most, see the sight lift off the target.

The Value Of Speed

When your focus is on precision, rather than speed, you'll begin to notice subtle things that may not be evident during normal IPSC practice sessions.

Watch what's happening, stop and think about it, and then experiment. This is the time for analysis. Don't be afraid to try different things. Let the movement of the gun— what you see— dictate the progress and direction of

your experiments.

The most important thing you're looking for is whether or not the gun tracks back to where it was when the shot broke. You should be able to fire again the instant the gun stops moving and hit the exact same spot on the target.

It goes without saying that developing this awareness, and incorporating what is responsible for it into your shooting technique, is an incredibly beneficial asset in high-speed shooting. If your sights can stay in alignment as you shoot without your having to adjust the gun, your speed is limited only by your vision, not your technique.

I've purposely not detailed body sensations or subtle "feels" that you should experience when shooting groups that

bination. In application, you fired an accurate shot if the bullet hits very near the point (within the range of your normal group size) where your sights were when the shot broke.

Just to say that such-and-such a group size is "accuracy" isn't telling the whole story. For instance, if you hear that being able to fire a six-inch group at 50 yards is "accuracy," you need to know what the equipment is capable of.

If your equipment is only capable of firing a six-inch group, then you're shooting it accurately if that's the group size you have; if your equipment is capable of shooting a two-inch group, then you're not firing as accurately as you could.

If you want to set a tangible goal for your precision shooting, make it to shoot

You should be able to fire again the instant the gun stops moving and hit the exact same spot on the target.

will transfer to speed shooting to make it smoother and more efficient— check it out for yourself. It's all right there.

Accuracy Goals

"Accuracy" must always be defined by the limits of your gun and ammo com-

to the limits of your equipment. If your gun will shoot a two-inch group from a machine rest, that should be your goal from a benchrest, and it should be your goal from offhand. You may never do it consistently offhand, but it can happen on occasion.

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What your real "goals" are, however, is to first see an improvement. You just want to see the groups tighten up and the flyers go away.

The second, and most important, is that you are learning from the experience of precision shooting. To apply what you learn from precision shooting to high-speed shooting, you need to pay attention to what you see, feel, and do differently when you're shooting in both environments. And, again, shift toward your group shooting awarenesses.

Since you don't really need to set any tangible goals for your precision shooting, that also means that you're never "done" with it. I shoot groups as a regular part of my practice. And I learn — something — every time I do so.

Brian Enos is the 1989 Masters champion, two-time Bianchi Cup winner, and has placed in the top 5 of every major practical shooting tournament, including two second-place finishes at the USPSA Nationals and the Steel Challenge. He is also a premiere member of Smith & Wesson's professional shooting team.

Brian is the author of the book, Practical Shooting: Beyond Fundamentals. The book is available for \$16.95 (plus 4.00 S&H) from Zediker Publishing, P.O. Box 426, Clifton, CO 81520; or call toll free 1-800-247-6553.



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Continued from page 100

622 Thomas Ingoglia; Mesa, AZ	USA	65.9136
623 Per Heliessen; Stavanger	NOR	65.8980
624 Gene Welch; El Cajon, CA	USA	65.7219
625 Erwin Grinnan; Farmington, NM	USA	65.7080
626 Shane O'Dell; Prescott, AZ	USA	65.6893
627 Jim Riggs; RTON Mail Centre	AUS	65.6123
628 Kenny Barsch; Abilene, TX	USA	65.5108
629 Francis Di-Vita; Nice	FRA	65.4976
630 Gabriel Ozery; Ra'Anan	ISR	65.4326
631 Dave Fuqua; Beaumont, TX	USA	65.3584
632 Brant Hovland; Oslo	NOR	65.3072
633 Young Fogelshom; Katrineholm	SWE	65.2786
634 John Boyd; Craigmore	AUS	65.0953
635 Bosse Stenstrom; Ostersund	SWE	65.0592
636 Jim Svitko; Fort Worth, TX	USA	65.0482
637 Ernie Welch; El Cajon, CA	USA	65.0240
638 Henry Halamicek; St Louis, MO	USA	65.0220
639 Rob Murdoch; Aberfoyle PR	AUS	64.9601
640 Louis van Ringelesteyn; Bruxelles	HOL	64.9419
641 Greg Stephens; Darwin NT	AUS	64.8993
642 Robert Smith; El Cajon, CA	USA	64.8393
643 Kaylene Tansley; RTON Mail Centre	AUS	64.8192
644 Roger Zimmerman; W Palm Beach, FL	USA	64.7553
645 Jean-Luc Alglave; St Orens	FRA	64.7294
646 Jay Baverstock; Craig, CO	USA	64.6637
647 John Swartz; Allen, MD	USA	64.5934
648 Nino Filannino; Oakville, Ont	ZIM	64.5835
649 Dave Derro; Hanmer Ontario	CAN	64.5763
650 Brian Montgomery; Vanderhoof, BC	CAN	64.4763
651 Mike Price; Farmington, NM	USA	64.4752
652 Jean-Marc Stumpf; Brussel	BEL	64.4701
653 Pat Hartman; Phoenix, AZ	USA	64.3705
654 Dave Kendrick; Plympton	AUS	64.3675
655 Jeffrey Lott; Bedford, TX	USA	64.3528
656 L Paul Fritz; Albuquerque, NM	USA	64.2787
657 Bob Wallace; El Cajon, CA	USA	64.2751
658 Luke Woodbridge; Plympton	AUS	64.0991
659 Dennis Farrell; Anaheim, CA	USA	63.9886
660 Todd Hullock; Calgary, Alberta	CAN	63.9646
661 Walt Rosenquist; Fort Wayne, IN	USA	63.9567
662 Jerry Glogowski; Port Byron, IL	USA	63.8916
663 Irvin Smith; St Louis, MO	USA	63.8749
664 Jack Fish; Fort Wayne, IN	USA	63.8576

SILUETAS

Continued from page 34

local club to drop a bank of long range targets and add another set of .22 targets. Two years ago, .22 shooters could jump in at any time. Now the waiting line is longer on the .22 course than on the long range course.

This interest is either sparked by, or perhaps responsible for, many excellent .22 silhouette guns being made available to shooters. Anschutz, Browning, Freedom Arms, Ruger, Thompson/Center, and Wesson Arms offer top quality .22 semi-automatics, revolvers, single-shots, and bolt action pistols.

The only thing missing is a really top-quality .22— spelled *competition grade*— from Smith & Wesson. IHMSA's Tommy Holder and I both bent Smith & Wesson ex-president Steve Melvin's ear at the 1991 NRA Show in San Antonio asking for a long-barreled .22 Smith & Wesson for silhouetting.

The basic gun is already there. Just bring out a 10-inch K-22 with a heavy barrel. Make sure the cylinders are chambered properly and we would have another first-class .22 silhouette gun.

It should go without saying that both the Anschutz and the Contender .22s are tack drivers. Either gun will shoot better

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665	Dave Kynoch; Boise, ID	USA	63.7709
666	John Drake; Christchurch	NZL	63.7523
667	Romero Aguiar; Rio De Janeiro, RJ	BRA	63.6341
668	Curt Dahlgren; Helsinki	FIN	63.6332
669	Eric Thoonen; GNEP	HOL	63.6130
670	John Resendes; Yormountport, MA	USA	63.5816
671	Shane Ahrens; Juneau, AK	USA	63.5119
672	Rolf Undheim; Stavanger	NOR	63.5011
673	Fay Mills; Woodridge, QLD	AUS	63.3608
674	Dick Maddux; Anaheim, CA	USA	63.3316
675	Carl Brooks; Port Byron, IL	USA	63.3158
676	David Moore; Alamogordo, NM	USA	63.2943
677	Graham Winter; Oakville, Ont	ZIM	63.2775
678	Allan Langlois; Havelock, NC	USA	63.2696
679	John Willard; Havelock, NC	USA	63.2674
680	John Van Brunt; Vadenberg AFB, CA	USA	63.2589
681	Don Vienneau; Hamner Ontario	CAN	63.2503
682	Richard Young; Plympton	AUS	63.2009
683	Bradley Kopsie; St Louis, MO	USA	63.1930
684	John Shelswell; Courtenay, BC	CAN	63.1542
685	Brian Thomas; Abilene, TX	USA	63.0306
686	Mark Schrader; Darwin NT	AUS	63.0041
687	Mark Buchanan; Phoenix, AZ	USA	62.9184
688	Terry Latham; Millington, TN	USA	62.9133
689	Remy Volpini; Fleury	FRA	62.8025
690	Leo Hesanto; Helsinki	FIN	62.7912
691	Conrad von Bergen; La Paz	BOL	62.7833
692	Einar Nysted; Stavanger	NOR	62.7317
693	Dave Kotser; Ra'Anan	ISR	62.6934
694	Robert Chalmers; RTON Mail Centre	AUS	62.6550
695	Daniel Vosloo; Oakville, Ont	ZIM	62.6267
696	Christosomos Second; Oakville, Ont	ZIM	62.5432
697	Ron Dyck; Courtenay, BC	CAN	62.4996
698	Boris Fridman; Ra'Anan	ISR	62.4882
699	Dave Kalina; Roy, MT	USA	62.3439
700	Robert Stoeckli; Lenzburg	SUI	62.3285
701	Colin Smith; Aberfoyle PR	AUS	62.3107
702	Peter Toth; Grandforks AFB, ND	CAN	62.2442
703	Neil Keller; Fort Wayne, IN	USA	62.2120
704	Jon Hoff; Oslo	NOR	62.1827
705	Bernie Baker; Aberfoyle PR	AUS	62.1750
706	Jack Payne; Ottawa, Ont	CAN	62.0909
707	George Englefield-Bishop; Southampton	GBR	62.0486
708	Mats Fogdebo; Ostersund	SWE	61.9964
709	Ed Cameron; Phoenix, AZ	USA	61.9940

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than this shooter. Anytime I can shoot a 36 in .22s, the gun deserves the major credit.

While I was shooting a 36x40, friend Gordon Davis was shooting a 40x40 with his Contender. Both guns are just as good as it can get.

Good As It Gets

In addition to the bolt-action Anschutz and single-shot Contender, silhouetters are now blessed with two revolvers and two semi-automatics that are as-good-as-it-gets.

Dan Wesson, now known as Wesson Firearms (Maple Tree Industrial Center, Dept AH, Route 20, Wilbraham Road, Palmer, MA 01069; phone 413-267-4081) has the Dan Wesson .22 silhouette

sixgun back into production and I recently received a single-action only, stainless model 722 for testing.

This is a 10-inch heavy-barreled .22 that is basically identical to my .32 Magnum and .357 Magnum 10-inch silhouette guns.

My plan was to test the Dan Wesson .22, and all .22s at 25, 50, and 100 yards. The 100 yard testing fell by the wayside, as I simply could not get any range-time when the wind was not blowing 20-30 mph.

The one calm moment we had saw me able to get in long range testing with the Freedom Arms silhouette gun only. The March winds have been blowing for five months now, and while perfect for keep-

ing the air quality high and kites even higher, they certainly do raise havoc with long range testing plans.

Twenty-two handguns can be very picky about fodder and it is not necessarily the most expensive or "target-quality" .22 ammunition that will give the best results. The best results with the Dan Wesson .22 were with Federal High Power Hollowpoints, CCI MiniMags, and Winchester T-22s.

The following results were obtained with a 10-inch Dan Wesson .22 silhouette gun fitted with a Burris 3x LER scope and B-Square mount. Groups are for five shots and chronograph data is from the Oehler Model 35P. Many other loads

710	Mario Mori; Cranbourne	AUS	61.9362	731	Maurice Catbagan; Mesa, AZ	USA	61.0882	752	Carl Ziegler; Stavanger	NOR	60.3605
711	Stefan Andersson; Katrineholm	SWE	61.8639	732	Donna Gonzales; Mesa, AZ	USA	61.0768	753	Ramona Kihney; Louisville, KY	USA	60.2725
712	Cindy Atkinson; Farmington, NM	USA	61.8011	733	Patrick Thomas; Southampton	GBR	61.0571	754	Ian Bleckly; Plympton	AUS	60.2237
713	Hersh Gooden; Harrisburg, PA	USA	61.7914	734	Richard Shurley; Corpus Christi, TX	USA	61.0500	755	Russel Kelly; Woodridge, QLD	AUS	60.1911
714	Judith Ross; Toronto, Ont	CAN	61.7831	735	Kurt Nelson; Houston, TX	USA	60.9730	756	Kevin Sullivan; Blytheville, AR	USA	60.1615
715	Mike Hamm; Grandforks AFB, ND	USA	61.7470	736	Chett Ray; Albuquerque, NM	USA	60.8407	757	Frank Valenti; Oslo	NOR	60.1122
716	Simon Whitfield; Cranbourne	AUS	61.6915	737	Winston Fong; Kingston	JAM	60.7936	758	Mike Sonnenblick; Miami, FL	USA	60.0909
717	Ron Cole; Anaheim, CA	USA	61.6367	738	Jim Gonzales; Mesa, AZ	USA	60.7860	759	Luis Orus Jr; Guayaquil	ECU	60.0745
718	Forrest Purviance; Owosso, MI	USA	61.6359	739	Tim Spates; Port Byron, IL	USA	60.7764	760	Robert Atkinson; Farmington, NM	USA	59.9953
719	Moir Hay; Southampton	GBR	61.5074	740	Bob Ronnell; Havelock, NC	USA	60.7692	761	William Canfield; Albuquerque, NM	USA	59.9731
720	Jose Godoy; Lourdes Edif Cortijos	VEN	61.5029	741	Scott Coffin; Fort Wayne, IN	USA	60.7341	762	Moises Morel; Lourdes Edif Cortijos	VEN	59.9387
721	Richard Resendes; Yomountport, MA	USA	61.4992	742	Stefan Fricker; Lenzburg	SUI	60.7184	763	Pierre Landry; Quebec	CAN	59.9002
722	David Schwartz; Ra'Anan	ISR	61.4967	743	Melvin Takashima; Honolulu, HI	USA	60.7166	764	Roger Cardwell; Aberfoyle PR	AUS	59.8886
723	Steve Morgan; Los Alamos, NM	USA	61.3605	744	Bobby Robertson; Blytheville, AR	USA	60.7158	765	David Hart; Mt. Gambier, South	AUS	59.8805
724	Pierre Cabelguen; St Briec	FRA	61.2843	745	Neil Forler; Evansville, IN	USA	60.6155	766	Mikael Tornkvist; Ostersund	SWE	59.8726
725	Bruce Brendzy; Courtenay, BC	CAN	61.2538	746	Greg Offult; Farmington, NM	USA	60.5994	767	Christopher Yapp; Kingston	JAM	59.8382
726	Joe Nassif; Albuquerque, NM	USA	61.2119	747	Rudolf Frey; Lenzburg	SUI	60.5838	768	Fred Straw; Terrace BC	CAN	59.8042
727	Laurent Dewispelaere; Brussel	BEL	61.1726	748	Pat Crane; Yomountport, MA	USA	60.5812	769	Bruce Terrill; Cranbourne	AUS	59.7092
728	Kris Olson; Phoenix, AZ	USA	61.1609	749	Jim Schauer; Albuquerque, NM	USA	60.5566	770	Tom Cody; Rocky Ford, CO	USA	59.6989
729	Frank Gammilonghi; Cranbourne	AUS	61.1160	750	Gary Gaddis; St Louis, MO	USA	60.4081	771	Richard Emory; Port Byron, IL	USA	59.6862
730	Rickard Aspen; Ostersund	SWE	61.1101	751	Gerry Chapman; Grandforks AFB, ND	CAN	60.3666	772	Warren Denham; RTON Mail Centre	AUS	59.6556



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3. Browning Hi-Power, Extended Barrel
4. Colt Government, Ported through Slide and Barrel
5. 41 SSK Avenger Conversion, Ported through Slide Barrel
6. Jim Clark Custom Bowling Pin Gun, Integral Porting. No Recessing of Bore

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gave excellent results at 25 yards but would not stay under two inches at 50 yards.

Load	25 Yards	50 Yards
Federal High Power	7/8"	1 1/8"
CCI MiniMag	7/8"	1 1/4"
Winchester T22	1 1/8"	1 7/8"

The .22 semi-automatics offered by Ruger and Browning, the Mark II and Buckmark Silhouette respectively, have to be the greatest .22 bargains available today or any other time. Both are 10-shot, heavy-barreled, 10-inch guns with excellent black iron sights.

The Ruger features an undercut front sight while the Browning has a hood over both the front and rear sights. To obtain the best results from both guns, they were fitted with 3X Burris scopes and gave the following results at 50 yards. All groups are for five shots.

Load	Ruger	Browning
Federal High Power	1 1/4"	1 1/2"
Federal Champion	1 3/8"	1 3/4"
CCI Green Tag	1 3/4"	1 1/8"
CCI MiniMag	1 3/4"	1 1/2"
CCI Pistol Match	1 3/8"	1 1/2"
CCI Stinger	2 1/4"	1 3/8"
PMC Zapper	1 1/4"	3/4"
PMC Match Rifle	1 5/8"	1 3/4"
Winchester HV	1 1/2"	1 3/8"
Winchester T-22	1"	1 1/8"

This brings us to the premium silhouette revolver available today, the Freedom Arms 252 Casull. The "252" is a play on

773 Brett Hayes; Cranbourne	AUS	59.6280
774 Lou Osberg; El Cajon, CA	USA	59.6142
775 Charles Grassham; St Louis, MO	USA	59.5592
776 Gusti Formasky; Ra'Anan	ISR	59.4887
777 Charlie Myers; Los Alamos, NM	USA	59.4659
778 Peter Geer; Toronto, Ont	CAN	59.2912
779 Tonnie van Suest; GNEP	HOL	59.2725
780 Paul Jordan; New South Wales	AUS	59.2722
781 John James Heard; Oakville, Ont	ZIM	59.2686
782 Dan Derro; Hanmer Ontario	CAN	59.2559
783 John Wholohan; Woodridge, QLD	AUS	59.2221
784 Hans Kyburz; Lenzburg	SUI	59.2128
785 Helge Aase; Stavanger	NOR	59.0939
786 Darrell Monyhan; Louisville, KY	USA	59.0845
787 John Westgard; Nyborg	DEN	59.0211
788 Steve Hitch; Allen, MD	USA	59.0076
789 Dennis Dennison; Prescott, AZ	USA	58.9889
790 Lynn Vaught; Las Cruces, NM	USA	58.9847
791 Charles Deronge; Bruxelles	BEL	58.9292
792 Gilberto Villalobos; Bogota	COL	58.9145
793 Erich Kandora; Oakville, Ont	ZIM	58.9050
794 Tim Everett; Toronto, Ont	CAN	58.9013
795 Ueli Tschiemer; Lenzburg	SUI	58.8783
796 Brian Wardell; Phoenix, AZ	USA	58.8366
797 Bertil van Eck; GNEP	HOL	58.8205
798 David Graham; Darwin NT	AUS	58.7832
799 James Tucker; Fort Worth, TX	USA	58.7260
800 John Widuckel; Cranbourne	AUS	58.7107
801 Nyle Leatham; Mesa, AZ	USA	58.6926
802 Malcolm Gault; St Ives NSW	AUS	58.6851
803 Rasmus Vatne; Stavanger	NOR	58.6581
804 Bjoern Nakken; Norway	NOR	58.6517
805 Carl Hillestad; Tucson, AZ	USA	58.6468
806 Tony Bresnahan; Liverpool	GBR	58.5620
807 Jeff Wilkinson; Southampton	GBR	58.5080
808 Brian Spillsbury; Acton, Ont	CAN	58.4953
809 Harold Lew; Rocky Ford, CO	USA	58.4625
810 David Barton; Christchurch	NZL	58.4541
811 Jay Morgenstern; Blytheville, AR	USA	58.4495
812 Marceline Peduru; Colombo	SRI	58.4252
813 Timothy Bovee; Wenatchee, WA	USA	58.3815
814 Scott Johnston; Southampton	GBR	58.3780
815 Peter Giarola; Woodridge, QLD	AUS	58.3581
816 Jonathan Lasich; Ottawa, Ont	CAN	58.3316
817 Klaus Verner Pedersen; Nyborg	DEN	58.3270

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the title of the parent revolver, the .454 Casull, and the chambering is not a new .252 but .22 Long Rifle.

The FA 252 features a shortened cylinder to match up with the diminutive .22, a dual firing pin that hits the rim of the .22 case both top and bottom, and a semi-skeletonized hammer with holes drilled to make weight and speed lock time.

The 252 is built with the same exacting care as the big bore 454. Sights are an extreme undercut front post and an Iron Works rear sight. Note that all of the following loads fired in a 10-inch 252 Casull with 3x T/C scope mounted stayed at or under two inches at 100 yards for five shots. How many sporting rifles of any caliber could do this?

Load	25	50	100
Federal Hi Velocity	7/8"	1 1/8"	1 3/4"
Federal Champion	3/4"	1 1/8"	2"
CCI Green Tag	1"	7/8"	1 7/8"
CCI MiniMag	1/2"	1 1/4"	1 7/8"
CCI MiniMag +V	1 1/8"	7/8"	1"
CCI Pistol Match	3/8"	1"	1 1/8"
CCI Stinger	7/8"	7/8"	2"
PMC Zapper	1/2"	3/4"	1 1/2"
PMC Match Rifle	7/8"	7/8"	1 1/4"
Winchester HV	3/4"	1"	1 3/4"
Winchester T-22	5/8"	5/8"	1"

Two years ago I predicted that all progress in silhouette handguns would shift to the .22s. It is gratifying to see that prediction come true.



818	Carlos Macias; Guayaquil	ECU	58.2744
819	Duncan Parker; Cranbourne	AUS	58.2527
820	Tom Cox; Abilene, TX	USA	58.2414
821	Roy Gong; San Jose, CA	USA	58.2343
822	Jos N. den Dobbeltsteen; GNEP	HOL	58.1779
823	Zeev Feldman; Ra'Anan	ISR	58.1721
824	Victor Klimek; Bruxelles	BEL	58.1373
825	Jorge Aldas; Bogota	COL	58.1294
826	Joe Ramsey; Vanderhoof, BC	CAN	58.1129
827	Gary Baughman; Ottawa, Ont	CAN	58.0383
828	Tim Oxley; Houston, TX	USA	58.0156
829	Paul Parsons; Plympton	AUS	58.0000
830	Dave Cammack; Grandforks AFB, ND	USA	57.9854
831	Shermila Obris; Colombo	SRI	57.9741
832	Brian Doherty; St John, New Brunswick	CAN	57.9715
833	Dave Ramsay; Vadenberg AFB, CA	USA	57.8458
834	Jose L. Bajada; San Jose, CA	USA	57.7918
835	Mike Resendes; Yormountport, MA	USA	57.7760
836	Joe Sandman; Roy, MT	USA	57.7184
837	Giovanni Lecchi; Lourdes Edif Cortijos	VEN	57.7031
838	Marilyn Welsh; Brantford, Ont	CAN	57.7017
839	Barry Adams; El Cajon, CA	USA	57.5961
840	Vadav Zuomk; Grandforks AFB, ND	CAN	57.5929
841	Terry Moore; Darwin NT	AUS	57.5672
842	John Beer; Fort Worth, TX	USA	57.5485
843	Avi Legmann; Ra'Anan	ISR	57.5471
844	Dave Faulkner; Grandforks AFB, ND	CAN	57.5216
845	Clete Knowlton; Vadenberg AFB, CA	USA	57.5118
846	Rolf Moen; Oslo	NOR	57.4871
847	Johnny Dahdah; Lourdes Edif Cortijos	VEN	57.4704
848	Lars Sundin; Katrineholm	SWE	57.4298
849	Justin Garside Taylor; Liverpool	GBR	57.4065
850	Steve Herberth; Louisville, KY	USA	57.3214
851	Jan Elgen; Oslo	NOR	57.3021
852	Jan Roger Haugen; Oslo	NOR	57.1965
853	Armando Guerres; Miami, FL	USA	57.1732
854	Bill Coogan; Miami, FL	USA	57.1667
855	Craig Fletcher; Fort Worth, TX	USA	57.1638
856	Bill Hall; Las Cruces, NM	USA	57.1635
857	Scott Husted; Blytheville, AR	USA	57.1515
858	Henry Carfield; Louisville, KY	USA	57.1479
859	Dave Bartlett; Ottawa, Ont	CAN	57.1309
860	Robert Cipoth; Rocky Ford, CO	USA	57.0885
861	Jacques Legoisse; Bruxelles	BEL	56.9915
862	John Moss; Cranbourne	AUS	56.8881

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IPSC

Continued from page 57

North America, and probably the world.

A bit of background: Paul and Kerry Miller own a very successful bullet making business, Colorado Cast Bullets. For some years they had been dreaming of a facility that would combine their house, bullet making operation, retail sales outlet and office, and a really good range designed from the ground up for IPSC matches.

They purchased a chunk of bare land a year ago and what they have accomplished since then is nothing less than phenomenal. Picture this: 95 acres of land, surrounded on three sides by BLM (Bureau of Land Management) property, meaning no neighbors and no likely future development.

Sixteen (yes, 16) pistol ranges, a chronograph range, a 200 yard rifle range, a huge parking and exhibitors area, motorhome and trailer campsites among cedar trees, with the Millers' house/shop/office complex overlooking the ranges.

The city of Montrose, less than eight miles away, has nearly 500 motel rooms, with more available in nearby towns. The city also has a new convention center ideal for shooters' meetings and awards banquets, while the Montrose airport is currently being expanded to provide pas-

863	Rennea Archut; Abilene, TX	USA	56.8600
864	Jorge Reyes; Guayaquil	ECU	56.8236
865	Jeffrey Fulk; Havelock, NC	USA	56.7943
866	Eldad Benhar; Ra'Anan	ISR	56.7861
867	Monique Trepanier; Ottawa, Ont	CAN	56.7031
868	David Inkster; Aberfoyle PR	AUS	56.6991
869	C. Leclercq; Issy Les Moulineaux	FRA	56.6894
870	Keith Chapin; Albuquerque, NM	USA	56.6708
871	Rick Lavoie; St John, New Brunswick	CAN	56.5286
872	Albert Song; San Jose, CA	USA	56.4643
873	Jean Collomp; Nice	FRA	56.4143
874	Joseph Sultan; Ra'Anan	ISR	56.3906
875	Mick Riley; Darwin NT	AUS	56.3592
876	Henry Villa; Phoenix, AZ	USA	56.3018
877	Robert Sandoval; Las Cruces, NM	USA	56.2399
878	Morris Dayan; Ra'Anan	ISR	56.2254
879	Ken Hartley; Ottawa, Ont	CAN	56.2016
880	Bobby Humphreys; Houston, TX	USA	56.1583
881	Douglas Close; Farmington, NM	USA	56.1266
882	Drake Elvgren; Houston, TX	USA	56.0612
883	Bill Barnes; Abilene, TX	USA	55.9293
884	Ron Wesley; Courtenay, BC	CAN	55.8368
885	Ed Gagnon; Yormountport, MA	USA	55.7626
886	Andy Mitchel; Oakville, Ont	ZIM	55.7394
887	Hans Albrecht; Lenzburg	SUI	55.6775
888	Niels Hiortnas; Nyboro	DEN	55.6740
889	Mike Brklacich; Kailua-Kona, HI	USA	55.5586
890	Mark Mathews; Port Byron, IL	USA	55.5554
891	Chris Horner; Aberfoyle PR	AUS	55.4886
892	Jerry Boydston; Fort Worth, TX	USA	55.4839
893	Bill Campbell; Cranbourne	AUS	55.4585
894	Bob Meldrum; Darwin NT	AUS	55.4242
895	Charles Graves; Vadenberg AFB, CA	USA	55.4115
896	Wayne Burke; Darwin NT	AUS	55.2137
897	Paul Mugford; Southampton	GBR	55.2113
898	Scott Lind; Boise, ID	USA	55.2094
899	James Singleton; Houston, TX	USA	55.1657
900	T.H. Rubel; Mesa, AZ	USA	55.1150
901	Steve Greenway; Southampton	GBR	55.1099
902	Robert Shubert; Fort Wayne, IN	USA	55.0509
903	Dan Barkai; Ra'Anan	ISR	55.0064
904	Jan E Mangerud; Oslo	NOR	54.9907
905	Graham Mason; Southampton	GBR	54.9898
906	Rodrigo Azpura; Lourdes Edif Cortijos	VEN	54.9569
907	Preston Morehead; Port Byron, IL	USA	54.9175



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senger jet service. Several active IPSC clubs in the area provide a solid core of experienced range officials.

Because there are so many recreational opportunities available Montrose is a busy tourist area in July and August.

If you're thinking this would be the best place for the U.S. IPSC Nationals you're right. Except the U.S. board of directors has already signed a long term agreement at another range.

Paul Miller has found that outside this vacation period the chamber of commerce and motel association are eager to support a major match with discounted

908	Jean-Engis Carbomell; St Orens	FRA	54.9079
909	Rami Fiade; Ra'Anan	ISR	54.8345
910	April Froehlich; W Palm Beach, FL	USA	54.7634
911	Douglas Sabo; Courtenay, BC	CAN	54.7151
912	Robert Brentlinger; Louisville, KY	USA	54.6768
913	Christian Reinle; Lenzburg	SUI	54.5845
914	Hans Steffen Velle; Norway	NOR	54.5323
915	Robert Entwistle; Plympton	AUS	54.4898
916	Martin Greaves; Southampton	GBR	54.4624
917	Greg Helland; Los Alamos, NM	USA	54.4231
918	William Montgomery; Southampton	GBR	54.4219
919	Ken Miller; Tucson, AZ	USA	54.4037
920	Steve Quinn; Liverpool	GBR	54.3977
921	Runar Stavell; Oslo	NOR	54.2993
922	Rich Bullene; Vadenberg AFB, CA	USA	54.1540
923	Ron Pearson; El Cajon, CA	USA	54.1108
924	Carlos Ancthis; Lourdes Edif Cortijos	VEN	54.0908
925	Martin Tatum; Southampton	GBR	54.0370
926	Kevin Clow; Acton, Ont	CAN	54.0368
927	Mikael Kiveri; Helsinki	FIN	54.0163
928	Tracy Taylor; Jonesboro, IL	USA	54.0157
929	David Entwistle; Plympton	AUS	54.0139
930	Tim Eakin; Beaumont, TX	USA	53.9697
931	Bengt Larsson; Stavanger	NOR	53.9363
932	Mark Polansky II;	GER	53.9121
933	Nigel Jennings; Southampton	GBR	53.9101
934	Pius Kuoni; Lenzburg	SUI	53.8984
935	John Monette; Ottawa, Ont	CAN	53.8526
936	Lloyd Wundrock; Tucson, AZ	USA	53.8507
937	Neville Randall; Cranbourne	AUS	53.8356
938	Ed Carrier; Las Cruces, NM	USA	53.8265
939	Nahum Zarzif; Ra'Anan	ISR	53.8243
940	Ken Steacy; Ottawa, Ont	CAN	53.8156
941	James D Hobbs; Brampton Ont	CAN	53.7686
942	Deborah Hunott; Jonesboro, IL	USA	53.7597
943	B.C. Champlin; Phoenix, AZ	USA	53.7498
944	Greg Gaunt; Albuquerque, NM	USA	53.7034
945	Jakob Ben Harush; Ra'Anan	ISR	53.6700
946	Kevin John Simpkins; Cranbourne	AUS	53.6488
947	Stanley Fujisi; Honolulu, HI	USA	53.6180
948	Joe Pellino; Phoenix, AZ	USA	53.6096
949	Jaime Lozano; La Paz	BOL	53.5425
950	George Lieb; Tampa, FL	USA	53.5205
951	Gene Melchiori; W Palm Beach, FL	USA	53.4964
952	Jeff Fisher; Fort Worth, TX	USA	53.4241

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room rates and other promotions, which works out nicely since the climate in September and October is ideal for shooting; mild and dry.

If you're thinking this would be the best place for the U.S. IPSC Nationals you're right. Except the U.S. board of directors has already signed a long term agreement (read, 10 years) at another range.

Fortunately there are other possibilities. Certainly there is no better site for the next World Championships. What I'd really like to see, though, is a major international IPSC match held here on an annual basis. Since IPSC president J.P. Denis said in a recent interview he would like to encourage more international competition, perhaps this match could be titled the North American Championships.

A note of interest to USPSA members of Area 1— Paul Miller has agreed to let his name stand for Area Director in the elections this October. An outstanding competitor, Paul has finished at or near the top in many major matches, including the World Championships and U.S. Nationals. He has served as Section Coordinator for years, and as an instructor, course designer, and match director. As a successful businessman he understands the management and administration of a sound organization. He deserves your support.



953 Roy Dahl; Oslo	NOR	53.2868
954 Bertil Haglund; Ostersund	SWE	53.2726
955 Laurie Earle; Cranbourne	AUS	53.2388
956 Stefan Wagner; Bruxelles	GER	53.1580
957 Fernando Freire; Miami, FL	USA	53.1525
958 Ron Gubbins; Cranbourne	AUS	53.1172
959 Mark Cooper; Midland WA	AUS	53.0885
960 Einar Helge Eldorsen; Norway	NOR	53.0187
961 Tom Clarke; Vadenberg AFB, CA	USA	52.9438
962 Laurence Dobbins; Millington, TN	USA	52.9325
963 Bob Kronenberg; Havelock, NC	USA	52.9071
964 Will Hopkins; Kailua-Kona, HI	USA	52.8980
965 Randy Gavino; Honolulu, HI	USA	52.7959
966 P de Vrey; Bruxelles	HOL	52.7885
967 Steven Jackson; Port Byron, IL	USA	52.7561
968 Ross Aki; Kailua-Kona, HI	USA	52.7559
969 Walter Karpovics; La Paz	BOL	52.7082
970 Xavier Picoit; St Orens	FRA	52.7045
971 Mike Standen; Southampton	GBR	52.6409
972 Jonathan Scott Brightling; Christchurch	NZL	52.6293
973 Gilles Georgelin; St Briec	FRA	52.6187
974 Bjarne Bringeland; Stavanger	NOR	52.5393
975 Mark Walklin; Christchurch	NZL	52.5183
976 Nigel Bellotti; Gosnells	AUS	52.4796
977 Robert Gellatly; Cranbourne	AUS	52.4601
978 Mike Small; Fort Worth, TX	USA	52.4368
979 Scott Gray; Phoenix, AZ	USA	52.4053
980 Murray Taylor; Midland WA	AUS	52.3805
981 Ervin Sonnenfeld; Brantford, Ont	CAN	52.3582
982 Caroline Hilton; Oakville, Ont	ZIM	52.3481
983 David Goldberg; Ra'Anan	ISR	52.2978
984 Peter Mathews; Woodridge, QLD	AUS	52.2645
985 Darryl Groundwater; Woodridge, QLD	AUS	52.1788
986 Leighton Sasso; Kingston	JAM	52.1378
987 Richard Bianchi; Albuquerque, NM	USA	52.1019
988 Bob Harlowe; Alamogordo, NM	USA	52.0462
989 Marty Worthman; Fort Wayne, IN	USA	52.0415
990 Robert H Newell; Los Alamos, NM	USA	51.9862
991 Doug (Wooly) Cuciz; San Jose, CA	USA	51.9295
992 Sven Egil Tjorhom; Stavanger	NOR	51.8507
993 Doug Doyle; Hanmer Ontario	CAN	51.8279
994 Paul Payne; Corpus Christi, TX	USA	51.8012
995 Brigitte Beaumer; St Briec	FRA	51.7971
996 Randy Daniels; St Louis, MO	USA	51.7833
997 Phil Silson; St Ives NSW	AUS	51.7742

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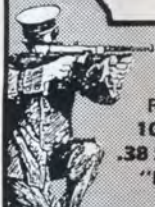
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BIANCHI CUP

Continued from page 83

after that some recovery time with his family, his Bianchi plan was to "just show up." His limited practice likely accounts for him placing 44th.

They take their Bianchi as seriously as they do their Foster's beer in Downunderland. Ray Gray and Adrian Hunter sort of take turns being Australian champion. Rob and I visited Adrian at his home near Brisbane in October 1990 while we were enroute to IPSC World Shoot IX in Adelaide.

Movers are in short supply for Aussies too. So gunsmith Adrian built an ingenious miniature mover that traverses wires on the wall of his city apartment in perfect scale for dry fire practicing of sight picture and that tricky lead.

With 1,910-157X he placed 12th at Bianchi which isn't bad in such a rarified atmosphere.

Another center of intense interest in the Bianchi is at Mickey and Linda Fowler's cattle ranch in the grass and oak covered foothills of Legrande, Calif. Mickey shoots morning and afternoon on his range — it even has turning targets — then he plays with 7-month-old son Logan. Or he runs a couple of miles, past

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1022	Narendra Kumara; Colombo	SRI	51.2283
1023	Declan McCarthy; St Ives NSW	AUS	51.2209
1024	Ian Causwell; Kingston	JAM	51.1788
1025	Brian Iwama; Toronto, Ont	CAN	51.1326
1026	Alexandre Socci; Rio De Janeiro, RJ	BRA	51.1317
1027	Gordon Faulkner; Midland WA	AUS	51.0964
1028	Zvi Eliyahu; Ra'Anan	ISR	51.0017
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1037	Nick Glenn; Mt. Gambier, South	AUS	50.6653
1038	Michel Devos; Bruxelles	BEL	50.6246
1039	Bob Pittaway; Woodridge, QLD	AUS	50.5615
1040	Abilio Cesar; Rio De Janeiro, RJ	BRA	50.5440
1041	Peter Dernier; St John, New Brunswick	CAN	50.5279
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his own abandoned little red school house, to stay in shape.

Mickey won the 1979 US Nationals in IPSC shooting before carving a niche in Bianchi history with three wins. He laid off four years including time to recover from illness.

Now the Bianchi is again his main shooting interest, although the return trail has been a bit rough.

A contingent of Japanese nationals who cannot have guns in Japan but come to live in San Francisco to shoot under the leadership of Ichiro Nagata also share Mickey's range.

Ichiro demands an austere and hard working training regime, a simple healthful diet and exercise, all to aid concentration. In their motorhome, Tomoyuki Hasegawa made magic meals from brown rice, eggs, vegetables and tofu which I was invited to share.

Ichiro shot a very good 8th place at Bianchi. Tetsuya Mizutani was 24th and the talented cook Tomo was 36th.

Winner's Practice

Enroute to the Bianchi match I accepted a final invitation to see how two more serious Bianchi shooters prepare. And this time my host Riley Gilmore would turn out to be this year's winner.

The brothers Gilmore have a complete Bianchi set up on family owned property north of Tulsa. Not far from a small tire-

1043 Norman Humphries; Southampton	GBR	50.4633
1044 Piet van Den Besselaar; GNEP	HOL	50.3866
1045 Dennis Holland; Covington, IN	USA	50.3795
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1047 Alec Krstic; Cranbourne	AUS	50.3305
1048 Michael Roth; Evansville, IN	USA	50.1845
1049 Volkhard Kliner; Bruxelles	GER	50.1784
1050 John Dink; Albuquerque, NM	USA	50.1724
1051 Ruckmich Uwe; Bruxelles	GER	50.1589
1052 Morton Jackson; Mesa, AZ	USA	50.1581
1053 Jim Friar; Ontario	CAN	50.1532
1054 Howard Spurgeon; Houston, TX	USA	50.1360
1055 Glen Henschke; Courtenay, BC	CAN	50.1210
1056 Charlie Dawrs; Kailua-Kona, HI	USA	50.0883
1057 Gary Young; Hanmer Ontario	CAN	50.0618
1058 Ralph D Walno; El Cajon, CA	USA	49.9440
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1060 Daniel Pluche; St Orens	FRA	49.9130
1061 Kurt Lohrmann; Havelock, NC	USA	49.9029
1062 Eduardo Yorizzo; Lourdes Edif Cortijos	VEN	49.8973
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


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Riley loves the Bianchi and takes quiet pride in coming to master the mental game that makes a fairly simple course of fire easy to practice to perfection but incredibly difficult in the actual event.

Riley had a bad time a couple of years back when a well-meaning TV photographer crowded the shooting box.

The intrusion broke through his concentration on the mover and, Riley believes, cost him the match. So he worked on his concentration so that it is not easily broken. And it paid off.

This year the win again was within reach as Riley worked back from the 10, the 15, to the 20 and 25 yard boxes on the Mover. Range officer Dan Reese saw no choice but to warn Riley he was coming close to a possible foot fault penalty which would have been sufficiently distracting to most shooters in that tense situation to blow the game sky high.

But not Riley. He checked his foot position and slipped back into full mental shooting mode. The final runs of three shot strings were solidly in the 10-ring. Riley came prepared.



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HI-POWER

Continued from page 69

200 grain .41 Magnum bullets.

First loads fired with the Browning High Power converted to .41 Action Express were with factory loads, the Samson 170 grain JHP and the Samson 200 grain JFP.

Functioning was flawless. No problems with feeding; no problems with extraction.

Next came various handloads with Sierra's 170 grain JHP, the same bullet used in the Samson ammunition. The best load was this bullet over 6.1 grains of WW452AA for 1,048 fps and a 25 yard group of 2 3/8 inches.

Virtually the same results were acquired with both 8.5 grains of WW540 (1,037 fps and 2.5") and 9.0 grains of Blue Dot (1,073 fps and 2.75"). Again, no malfunctions of any kind.

As long as I used either the Samson factory loads in 170 grain or 200 grain persuasion or my handloads with 170 grain Sierra JHPs, the Browning .41 Action Express performed flawlessly.

Feeding Failures

Then I switched to loads using other bullets and problems started to surface. No problems with extraction as had been



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the case with the other .41 AEs but with failures to feed.

Neither my handloads with NEI 220,411 cast bullets nor with Bull-X 215 grain bullets were reliable feeders. The same was true of loads assembled with 200 grain Hornady silhouette bullets, although the problem was not quite as prevalent with these bullets.

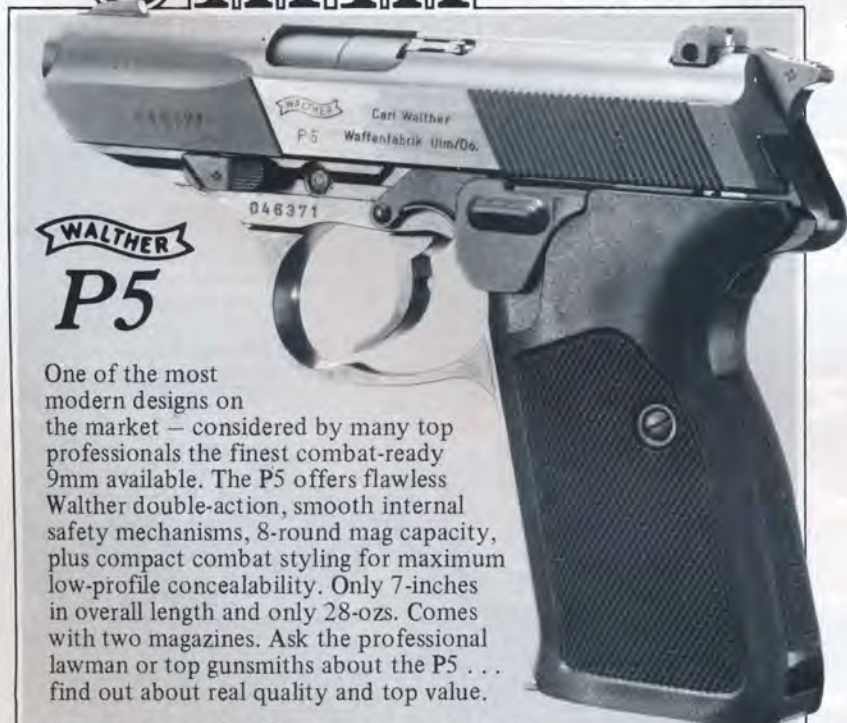
It took awhile but I finally noticed what was happening. The failure to feed reliably was not the fault of the magazine nor the Olympic .41 Action Express barrel. The problem was inherent in the Browning design. As with most semi-automatics, the Browning is equipped with a slide stop that is only to function when the gun is empty. The lip of the magazine contacts it as the last round is fired, it is engaged, and the slide locks open. This lever protrudes so far into the magazine well of the High Power that it contacts "fat" bullets as they attempt to make the trip from magazine to barrel. When using 170 grain bullets which are sharply tapered there is no feeding problem. The same is true of heavier bullets which are rounded in such a way that they do not make contact with the portion of the slide stop that protrudes into the magazine well.

Solution? I can stay with factory loads or handloads which use only Sierra 170 grain jacketed hollow points. Not a

Continued on page 116

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1193 Dudley Thomas; Evansville, IN	USA	45.5224
1194 Jimmy Olsen; Nyborg	DEN	45.4217
1195 John Heard Jr; Oakville, Ont	ZIM	45.3986
1196 Billy Starry; Corpus Christi, TX	USA	45.3559
1197 Kerry Standifer; El Cajon, CA	USA	45.3532
1198 Terry Geary; Liverpool	GBR	45.3169
1199 Tony Garland; St Ives NSW	AUS	45.3113
1200 Terry J Laporte; Ottawa, Ont	CAN	45.2482
1201 Rod Brown; Southampton	GBR	45.2436
1202 Otto Pankakoski; Helsinki	FIN	45.2170
1203 Chuck Varnold; Havana, IL	USA	45.1716
1204 Ralph Roldan; Tucson, AZ	USA	45.1316
1205 Bradley Morrison; Farmington, NM	USA	45.0903
1206 Lyle Valdez; Honolulu, HI	USA	45.0517
1207 Aurelie Quinquet; Bruxelles	BEL	44.9868
1208 Keri Anderson; Woodridge, QLD	AUS	44.9844
1209 Michel Coic; St Brieuc	FRA	44.9542
1210 Jack Wickander; Fossil, OR	USA	44.9351
1211 Mario Monico; Acton, Ont	CAN	44.8912
1212 Bryan Chance; Albuquerque, NM	USA	44.8439
1213 Rafael Gonzales; La Paz	BOL	44.8386
1214 Frank Wansong Jr; St Louis, MO	USA	44.8188
1215 Yair Nachmias; Ra'Anan	ISR	44.8166
1216 Gene Bales; Las Cruces, NM	USA	44.8066
1217 Bruce Bindewald; Port Byron, IL	USA	44.6778
1218 Juan Hernandez; Anaheim, CA	USA	44.6594
1219 Rachel Mills; Woodridge, QLD	AUS	44.6591
1220 John Bellman; Darwin NT	AUS	44.6195
1221 C. (Dino) Evangelinos; Brampton Ont	CAN	44.6099

Continued on page 116

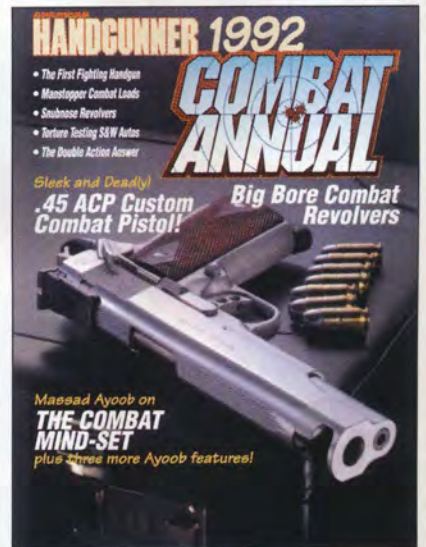
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bad solution at all. I thought a better solution was to remove metal from the slide stop bringing it down to minimum size leaving only enough to contact the magazine follower. It did not help. Only 170 grain jacketed hollow points and full metal jacket bullets are 100% reliable feeders.

Olympia Arms definitely lived up to their part. I have a 100% reliable big bore Browning Hi-Power. Samson factory loads for the 170 grain jacketed hollow point clock out at slightly under 1100 feet per second in the Browning. I will probably keep most of my handloads

at fifty to one hundred feet per second under this for longer gun life. I'm satisfied with a gun and load that duplicates the 10mm FBI load or the factory .40 S&W load. Why bother with the .41 Action Express when the .40 S&W is available? The Browning is a fine semi-automatic. One that I can now carry with a lot more faith and trust than I ever had when it was a 9mm.

The Browning Hi-Power has now been around for more than half a century, and it has been challenged by all the new Wonder-Nines of the past decade. It still stands head and shoulders above most of them. Long live a true classic, the Browning Hi-Power.



Continued from page 114



Shooters from the Linea de Fuego club in San Diego, Calif., socialize as they wait in line to shoot the Postal Match.

1222 Samuel Sias; West Worth, OH	USA	44.6074	1256 Tom Eitel; W Palm Beach, FL	USA	43.5130
1223 Mark Polansky I; Bruxelles	GER	44.6002	1257 George Stewart; St Louis, MO	USA	43.4434
1224 Dennis Bosley; Corpus Christi, TX	USA	44.5498	1258 German Izquierdo; Bogota	COL	43.2898
1225 Todd Clyatt; Vadenberg AFB, CA	USA	44.5484	1259 Rob Leetham; Cranbourne	AUS	43.2809
1226 Bruce Brenner; Miami, FL	USA	44.5056	1260 Gauthier Sallet; Fleury	FRA	43.2798
1227 Mike Wingerter; Miami, FL	USA	44.4671	1261 John Horgan; Plympton	AUS	43.2606
1228 Don Watkins; Yormountport, MA	USA	44.3976	1262 Hector Laya; Lourdes Edif Cortijos	VEN	43.2087
1229 Barry Gunton; Brampton Ont	CAN	44.3917	1263 Rein Koenen; GNEP	HOL	43.1791
1230 James Temple; Southampton	GBR	44.3798	1264 Jeff Brodsky; Anaheim, CA	USA	43.1764
1231 Myron Fujioka; Honolulu, HI	USA	44.2195	1265 Felix Toro; Bogota	COL	43.1601
1232 James W Robertson; Houston, TX	USA	44.2159	1266 Barry Marder; Albuquerque, NM	USA	43.0697
1233 Thomas Vikan; Oslo	NOR	44.2125	1267 Avi Geva; Ra'Anan	ISR	43.0257
1234 Christian Ducros; St Orens	FRA	44.1946	1268 Sy Rostler; Miami, FL	USA	42.9979
1235 Martti Nieni; Helsinki	FIN	44.1923	1269 Roy Ginn; Hanmer Ontario	CAN	42.9616
1236 Nfn Azais; St Orens	FRA	44.1487	1270 Phil Bernier; Yormountport, MA	USA	42.8564
1237 Doug Leite; Kailua-Kona, HI	USA	44.1417	1271 Peter Glenn; Mt. Gambier, South	AUS	42.8129
1238 Ronny Jacobowitz; Ra'Anan	ISR	44.0558	1272 Joe Castleman; Beaumont, TX	USA	42.8015
1239 Robert Duncan; Toronto, Ont	CAN	44.0547	1273 Michael Woodworth; Port Byron, IL	USA	42.7854
1240 Joe Kaiser; Darwin NT	AUS	44.0325	1274 Dale Watson; Abilene, TX	USA	42.6784
1241 Lionel Revera; St Briec	FRA	44.0221	1275 Timothy Mihalko; Harrisburg, PA	USA	42.6769
1242 Niels Verner Pedersen; Nyborg	DEN	43.9484	1276 Janet Marino; Ottawa, Ont	CAN	42.5849
1243 James (Greg) Smith; Jonesboro, IL	USA	43.9132	1277 Michael Brummett; Wenatchee, WA	USA	42.5802
1244 Diane Maag; Woodridge, QLD	AUS	43.8780	1278 Raymond Prieur; St Orens	FRA	42.5651
1245 Bill Marr; Millington, TN	USA	43.8250	1279 Robert Calkins; Las Cruces, NM	USA	42.5312
1246 Jeff Powell; RTON Mail Centre	AUS	43.7435	1280 Eldon Brummett; Wenatchee, WA	USA	42.4618
1247 Yves Corlobe; St Briec	FRA	43.7114	1281 Noel Paterson; Christchurch	NZL	42.3044
1248 Clifford Owens; Craig, CO	USA	43.6840	1282 Alan Lippiatt; Southampton	GBR	42.2987
1249 Edwin Leong; Honolulu, HI	USA	43.6759	1283 Lorelie Thomas; RTON Mail Centre	AUS	42.2691
1250 John Langwith; Havana, IL	USA	43.6572	1284 Pierre Cauvin; Nice	FRA	42.1397
1251 Patrick Moreau; Bruxelles	BEL	43.6428	1285 Dan Rotstein; Ra'Anan	ISR	42.1350
1252 Eran Yuz; Ra'Anan	ISR	43.5880	1286 Lorne Rowe; Toronto, Ont	CAN	42.1094
1253 Jan (Richard) Rocvda; GNEP	HOL	43.5734	1287 Mitch Power; Ottawa, Ont	CAN	42.0047
1254 Wallace Gould; Hanmer Ontario	CAN	43.5523	1288 William Robert Taylor; St Louis, MO	USA	42.0003
1255 Marcos Navego; Rio De Janeiro, RJ	BRA	43.5166	1289 Michael Fastuca; Darwin NT	AUS	41.9968

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CUSTOM

Continued from page 69

is installed, and a Wolff 18.5 pound recoil spring is installed.

Moving up the ladder to the \$530 "Deluxe Package" gives the above plus funneled magazine well, Pachmayr magazine pads, wide combat trigger, Commander hammer, and lightened trigger pull.

Pulling out all the stops takes us to the \$1,410 "Premium Combat Carry Package" which adds to the above a Bar Sto barrel, checkered rosewood grips, stippled frontstrap, backstrap, and front of trigger guard, slide tightening, low mount Bo-Mar adjustable rear sight, radiusing of all external corners and refinishing.

Of course, shooters are not locked into these packages and can pick and choose and set up their own package.

For a complete catalog and more information send \$3 (refundable with order of \$10 or more) to Cylinder & Slide, Inc., P.O. Box 937, 245 East 4th St., Dept. AH, Fremont,



BEHLERT

Continued from page 65

concealed 9mm carry gun.

Austin Behlert did the first Mini Brownie back in 1969. If one could peek under the coats of a few federal agents and state department security men, one would be offered the rare opportunity of seeing who seriously depends upon the Behlert Mini Hi-Power.

Anyone who has ever tried to conceal a handgun knows the importance of the length of the grip. Many custom smiths and even firearms factories for that matter offer concealed carry guns that are nothing more than large-framed guns with shorter barrels. It just doesn't work.

Barrel length makes little difference. Grip shape and size is the most important factor in concealability.

With the Mini Hi-Power from Behlert the shooter is offered an eleven shot 9mm with shortened grip, shorter barrel and slide, a welded and blended beavertail tang, low profile sights, extended safety, and if desired a finger groove on the front



How's that for a classy sign? The Copa Sudamericana IPSC club in Ecuador was the first club to send in Postal Match results. Congratulations on a great match, guys, we look forward to seeing your signs for the 1992 Postal Match!

1290 Kenneth Um; Honolulu, HI	USA	41.9437	1313 Don Sloan; Courtenay, BC	CAN	41.2078
1291 Beth Shotwell; Phoenix, AZ	USA	41.9294	1314 Jean-Pierre Denis; Bruxelles	BEL	41.1946
1292 Nathan Haiman; Ra'Anan	ISR	41.9216	1315 Derek Marshall; Southampton	GBR	41.1772
1293 Angelo Diaz; Miami, FL	USA	41.9123	1316 William Riggs; Arab, AL	USA	41.1636
1294 Gary Simpson; Darwin NT	AUS	41.8305	1317 Bryan Graves; Grandforks AFB, ND	USA	41.0431
1295 Albert Anderegg; Lenzburg	SUI	41.8299	1318 Rick Haines; Acton, Ont	CAN	41.0252
1296 Malcome Davis; Arab, AL	USA	41.8214	1319 Franklin Pacheco; Miami, FL	USA	40.9806
1297 Diane Ornsby; Brampton Ont	CAN	41.8076	1320 Marty Champion; Tucson, AZ	USA	40.9777
1298 Paul Mitchell; Darwin NT	AUS	41.7982	1321 George Thimling; Evansville, IN	USA	40.7704
1299 Steve Ray; Houston, TX	USA	41.7349	1322 Clyde Bower; Tampa, FL	USA	40.7056
1300 Le Vern E Hanstedt; Farmington, NM	USA	41.7187	1323 Carol Driscoll; Victoria	AUS	40.6933
1301 Steen Nitschke; Nyborg	DEN	41.7055	1324 Hugh Rogers; Farmington, NM	USA	40.6899
1302 Timo Eckert; Helsinki	FIN	41.6889	1325 Maurice Riley; Southampton	GBR	40.6721
1303 Bob Black; Brampton Ont	CAN	41.6401	1326 Ken Holmes; Las Cruces, NM	USA	40.6602
1304 David George; St John, New Brunswick	CAN	41.5306	1327 Dayse Teixeira; Rio De Janeiro, RJ	BRA	40.6208
1305 Joe Laugen; Tucson, AZ	USA	41.4705	1328 Robert Aaberg; Craig, CO	USA	40.6078
1306 Dennis R Moore; Harrisburg, PA	USA	41.4408	1329 Ian Borowski; Mesa, AZ	USA	40.5645
1307 Denis Reznicek; La Paz	BOL	41.4265	1330 Scott Steiert; Havana, IL	USA	40.3336
1308 Peter Stone; Cranbourne	AUS	41.3660	1331 Avigdor Steinmetz; Ra'Anan	ISR	40.3158
1309 John Webb; Yormountport, MA	USA	41.3145	1332 Ronnie Burke; Blytheville, AR	USA	40.2748
1310 Steve Garland; Arab, AL	USA	41.3082	1333 Denis Lee; Kingston	JAM	40.2096
1311 Paul Thomas; Southampton	GBR	41.2538	1334 Roger Lisenbey; Bedford, TX	USA	40.1759
1312 Steve Bodas; Phoenix, AZ	USA	41.2103	1335 Noni Raitblat; Toronto, Ont	CAN	40.1616

strap. This results in a dandy looking little 9mm that can be counted upon in a tight situation.

How small is the Mini Hi-Power? At 6.5 inches in length and 4.5 inches in height, the Mini is only half an inch longer and a quarter inch higher than the beautifully concealable Walther PPK! And it carries real Nine 'Em 'Ems not the little Nine Short, the .380.

For complete information on Behlert Custom Browning work contact Behlert Precision, R.D. 2, Box 63, Rt. 611 No., Dept. AH, Pipersville, PA 18947. Phone 215-766-8681.



PISTOLSMITHING

Continued from page 17

those parts widely separated and clearly tagged.

Forty Caliber

My wife loved to fire the Browning in 9mm, but she finds it impossible to retract the slide with the heavier recoil spring. I suppose that a fair number of shooters might experience this same problem.

The Browning and purpose-built .41 A.E. magazines hold a total of nine rounds, with one up the spout. This kind of firepower has been considered ade-

1336 Jean-Marie Gallego; St Orens	FRA	40.1422
1337 Stuart D McEachren; Courtenay, BC	CAN	40.1338
1338 Philip Wade; Southampton	GBR	40.1294
1339 Pedro Revilleza; Papua	PNG	40.0887
1340 James Jones; Southampton	GBR	40.0838
1341 Arthur Pilot; Juneau, AK	USA	40.0750
1342 Rick Unruh; Vanderhoof, BC	CAN	40.0587
1343 Sharon Dickey; Vadenberg AFB, CA	USA	40.0530
1344 Anders Krystad; Oslo	NOR	40.0451
1345 Sandy Wenert; Plympton	AUS	40.0276
1346 Barak Dahan; Ra'Anan	ISR	40.0181
1347 Tim Hanlon; St John, New Brunswick	CAN	39.8925
1348 Michael Jones; Jonesboro, IL	USA	39.8714
1349 Oakley Petts; Southampton	GBR	39.8608
1350 Eduardo Acuna; Bogota	COL	39.8517
1351 Richard Cressler; Harrisburg, PA	USA	39.8284
1352 Jim Kristensen; Nyborg	DEN	39.7649
1353 Dale Craig; St John, New Brunswick	CAN	39.7098
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quate in the .38 Super since 1929, and the 170 or 200 gr. bullets in the A.E. outclass the 130 gr. pills in the Super Auto.

Since it is a true .40 caliber (.410"), the A.E. will digest any of the .41 revolver bullets up to the 200 gr. items. However, I have found that many of the blunter shaped bullets will trip the slide lock in the middle of a string, so I have settled on the 170 gr. bullets.

I.M.I. sells loaded ammunition with a JHC bullet in the 170 gr., Sierra supplies the bullets for handloading and Action Arms Ltd. sells empty cases in quantities of 1000. If you like to cast your own bullets, the Saeco #416 double cavity mould is perfect for the .41 A.E., since it is designed without a crimp groove for the autoloader and it has the proper taper semi-wadcutter shape.

I sent to Magma Engineering for a 416 Saeco modified to fit my Master Caster and I had Star Machine Works send me a .410" sizing and lubing die for my Star lubricator/sizer. In some chambers and with some brass, a .411" die might prove a better choice.

Rebated Rim

One other thing to bear in mind is that the .41 A.E. was designed to be readily interchangeable into 9mm pistols, so the case rim is rebated to fit the 9mm slide face. This prevents using a Hulme case feeder or the Phelps rig, since the rim of

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the top case drops into the mouth of the case below and prevents the feeder's cylinder from functioning. Cases must be fed onto the shell plate by hand.

It requires a small amount of very careful stoning of the frame just outside the barrel's feed ramp to clear the tips of certain bullets during the feed cycle. Depending upon the individual pistol and the bullets you intend to use, this step may even be eliminated completely. A slight radius at this point won't effect any feed changes when returning to 9mm.

In fitting up several pistols with .41 A.E. components and barrels, I found that the barrels supplied by both Action Arms Ltd. and Safari Arms will not fit the WW II and early Brownings because of the differences in the locking cam shape and the pin component through the frame.

Modern FN and the South American FM Hi Powers (from Argentina) work beautifully as .41 A.E. conversions.

If you obtain .41 Browning magazines from Action Arms, you don't need to add any modifications. However, if you decide to modify Browning 9mm magazines, you will have to carefully file or stone the lips .040" wider apart and smooth them carefully.

With the .41 A.E. conversion in place, for the first time since Browning finished the prototype in 1923, the Hi-Power is truly *pistolet de grande puissance*.



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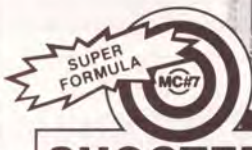
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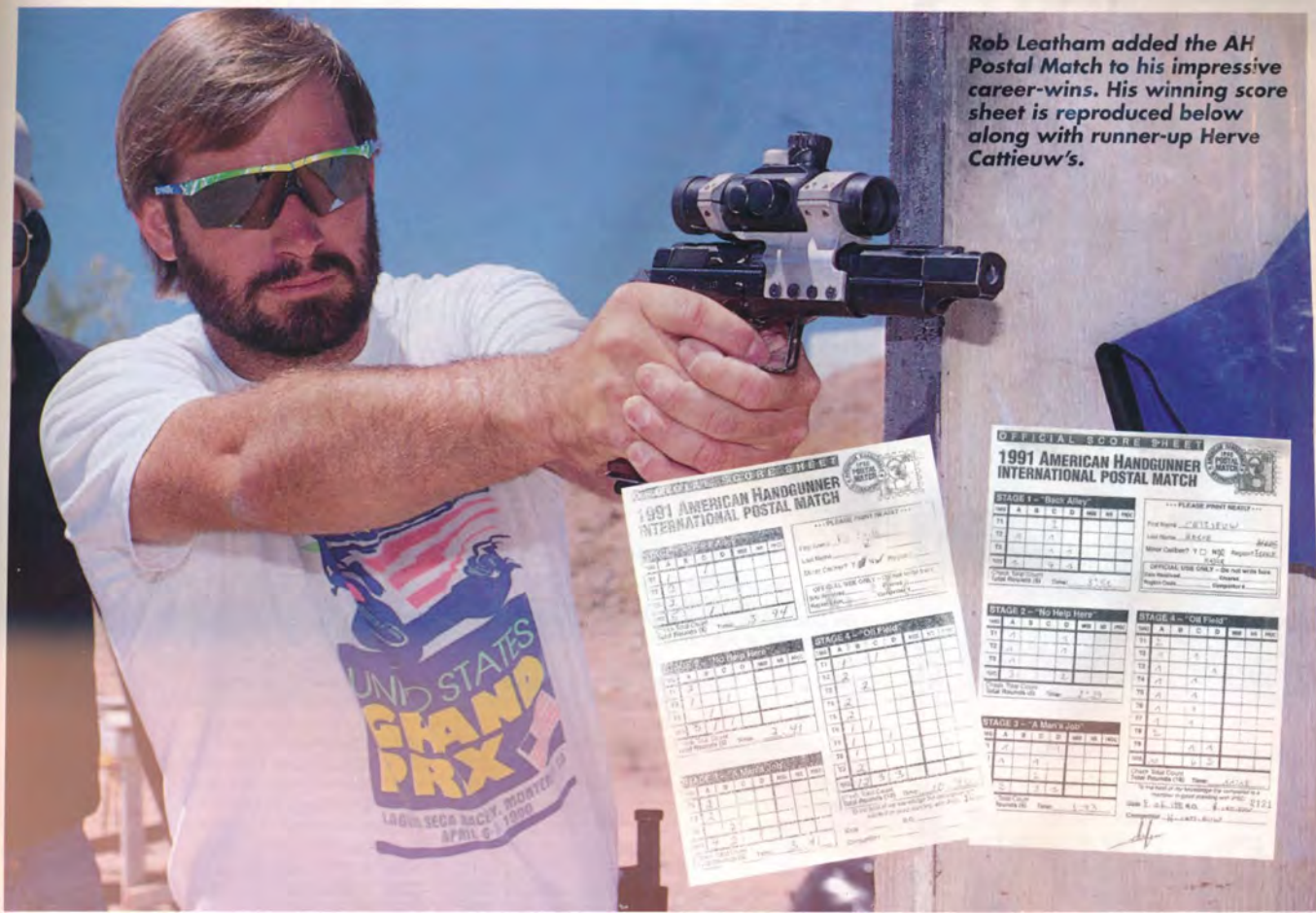
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OFFICIAL SCORE SHEET
1991 AMERICAN HANDGUNNER INTERNATIONAL POSTAL MATCH

STAGE 1 - "Back Alley"
 STAGE 2 - "No Holy Holy"
 STAGE 3 - "On Point"
 STAGE 4 - "Mark's Gun"

PLEASE PRINT NAME
 First Name: ...
 Last Name: ...
 Member Category: ...

PLEASE PRINT NAME
 First Name: ...
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STAGE 1 - "Back Alley" Score Sheet

Shot	A	B	C	D	Score
1					
2					
3					
4					
5					
6					
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8					
9					
10					
11					
12					
13					
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1561 Randy Hoskins; Owosso, MI	USA	32.3593	1615 Robert E Lee; Boise, ID	USA	30.3480
1562 Jim Suwinski; Phoenix, AZ	USA	32.3329	1616 Peter Callaghan; Darwin NT	AUS	30.3024
1563 Earl Ogaro; Kingston	JAM	32.3159	1617 David Hughes; Kailua-Kona, HI	USA	30.2923
1564 Richard Rodriguez; Lourdes E. Cortijos	VEN	32.2478	1618 Bob Oakley; Southampton	GBR	30.2564
1565 Graeme Palmer; Cranbourne	AUS	32.2087	1619 Michael W Gross; Harrisburg, PA	USA	30.2503
1566 Nigel Craig; Southampton	GBR	32.1927	1620 Vladimir Vargas; Guayaquil	ECU	30.1841
1567 Luis Azuola; Houston, TX	USA	32.1716	1621 Stephen Geer; New South Wales	AUS	30.1798
1568 Mick Stevens; Southampton	GBR	32.1710	1622 Anders Edman; Ostersonund	SWE	30.0347
1569 Daniel Belanger; Terrace BC	CAN	32.1365	1623 Don Reece; Liverpool	GBR	30.0004
1570 Todd Miller; Grandforks AFB, ND	USA	32.0947	1624 Peter Page; Aberfoyle PR	AUS	29.9942
1571 Lester Ward; Havelock, NC	USA	32.0809	1625 Michael Murphy; Cranbourne	AUS	29.9529
1572 John Maher; RTON Mail Centre	AUS	32.0427	1626 Bobby Thrift; Grandforks AFB, ND	USA	29.9415
1573 Jim Hurd; Albuquerque, NM	USA	32.0410	1627 Thomas Sorrentino; Millington, TN	USA	29.8115
1574 Jeff Donovan; Havelock, NC	USA	32.0288	1628 Allan Andersen; Nyborg	DEN	29.8076
1575 Larry Bowers; Courtenay, BC	CAN	32.0271	1629 Kim Holbeck Jorgensen; Nyborg	DEN	29.7511
1576 Ed Blinzler; Farmington, NM	USA	32.0147	1630 David Kurau; Miami, FL	USA	29.6760
1577 Richard C Livengood; Covington, IN	USA	31.9810	1631 Jakob Lankry; Ra'Anan	ISR	29.6657
1578 Robert Bowen; Alamogordo, NM	USA	31.9782	1632 Curt Wilhelm; Fossil, OR	USA	29.6624
1579 Anthony Quin; Woodridge, QLD	AUS	31.9644	1633 Garry Morris; Darwin NT	AUS	29.5811
1580 Eric McAughy; Owosso, MI	USA	31.9584	1634 Guillermo Loayza; La Paz	BOL	29.5769
1581 Bob Ramage; Brampton Ont	CAN	31.9518	1635 Darren Harkin; Darwin NT	AUS	29.5691
1582 Dan Gonzalez; W Palm Beach, FL	USA	31.9296	1636 Shane Vaughan; Darwin NT	AUS	29.5484
1583 Gary Jones; Fort Worth, TX	USA	31.9284	1637 John Langwith; Port Byron, IL	USA	29.5038
1584 Mike Starr; Southampton	GBR	31.8507	1638 Gene Boyd; Port Byron, IL	USA	29.4821
1585 Rick Hays; Millington, TN	USA	31.8329	1639 John Hodgson; W Palm Beach, FL	USA	29.4065
1586 Chris McKay; Toronto, Ont	CAN	31.8010	1640 Mark Smith; Havelock, NC	USA	29.3490
1587 Pierre Lambermont; Bruxelles	BEL	31.7668	1641 Casey Hester; Blytheville, AR	USA	29.2114
1588 Armond Gagliardi; Rio De Janeiro	BRA	31.7641	1642 Aharon Segal; Ra'Anan	ISR	29.1926
1589 Rob Proctor; Liverpool	GBR	31.7191	1643 David Pohl; Cranbourne	AUS	29.1119
1590 Charles Martin King; Cranbourne	AUS	31.7013	1644 Dick Nassif; Albuquerque, NM	USA	29.0707
1591 Lee Sira; W Palm Beach, FL	USA	31.6772	1645 Barbara Fletcher; Fort Worth, TX	USA	28.9578
1592 Chris Doerr; Havelock, NC	USA	31.6647	1646 Ole Pettrer Hillestad; Stavanger	NOR	28.7975
1593 Don Gregg; Ottawa, Ont	CAN	31.6212	1647 Eric Grauffel; St Brieuc	FRA	28.7812
1594 Charles Van Bibber; Jonesboro, IL	USA	31.6169	1648 Spencer C Putmain; Christchurch	NZL	28.6716
1595 Brian Nelson; West Worth, OH	USA	31.5978	1649 Alex Trenton Sr; Acton, Ont	CAN	28.6424
1596 Larry Reddin; Mesa, AZ	USA	31.5432	1650 Mati Hemed; Ra'Anan	ISR	28.6019
1597 Ivan MacDonald; Darwin NT	AUS	31.4912	1651 Ralph Gordon; El Cajon, CA	USA	28.5960
1598 Bryan Bickley; Christchurch	NZL	31.4897	1652 Dale Schneider; St Louis, MO	USA	28.5648
1599 Jeremy Clark; Midland WA	AUS	31.4382	1653 Oren Chaim; Ra'Anan	ISR	28.5249
1600 Martin Paige; Covington, IN	USA	31.4117	1654 Donald Huber; Harrisburg, PA	USA	28.5217
1601 Jos van Elst; GNEP	HOL	31.3940	1655 Geoff Pike; Midland WA	AUS	28.5170
1602 Jim Bendix; Allen, MD	USA	31.3923	1656 Rod McNabb; Albuquerque, NM	USA	28.5067
1603 H.D. Riggs; El Cajon, CA	USA	31.3417	1657 Phil Salzman; Wenatchee, WA	USA	28.4552
1604 Mark Stephen McCombe; Christchurch	NZL	31.3194	1658 Hans Sorby; Oslo	NOR	28.3104
1605 Avi Rozen; Ra'Anan	ISR	31.3098	1659 Pierre Poirmeur; St Brieuc	FRA	28.2767
1606 David Jones; Louisville, KY	USA	31.1758	1660 Mike Wood; Terrace BC	CAN	28.2204
1607 Jonathan Hitch; Allen, MD	USA	31.1465	1661 Terry Biggs; Brantford, Ont	USA	28.1845
1608 Danny Hayes; Southampton	GBR	31.0599	1662 Gaye Graef; Fort Worth, TX	CAN	28.0626
1609 Bob Sully; St Ives NSW	AUS	31.0085	1663 Oscar Fuentes Caballero; La Paz	BOL	28.0467
1610 Naomi Pevitt; Cranbourne	AUS	30.9389	1664 Otto Friedestein; Bogota	COL	28.0407
1611 Fred Abarategui; Miami, FL	USA	30.7144	1665 Joe Fajardo; Calgary, Alberta	CAN	28.0383
1612 Michel Brizard; Reims	FRA	30.5160	1666 Liz Graver; Southampton	GBR	27.8983
1613 Jerry Henderson; Rocky Ford, CO	USA	30.4891	1667 Arnon Notman; Ra'Anan	ISR	27.8943
1614 Hans Widuckel; Cranbourne	AUS	30.4621	1668 Dan Kala; Ra'Anan	ISR	27.8649



Range Officer Nick Caruso prepares to give the start command to Paul Payne at the Postal Match held by the SPPC club of Corpus Christi, Texas.



Niels Hjortnæs, a revolver shooter, competed in the American Handgunner Postal Match in Denmark. Looks like a backstop is not a problem on this on this picturesque seaside range!

1669 Wayne Gaudin; Christchurch	NZL	27.8323	1727 Aage Hansen; Stavanger	NOR	25.3857
1670 Kent Hill; Toronto, Ont	CAN	27.8284	1728 Thomas C Trousedale; Ottawa, Ont	CAN	25.3677
1671 Miki Benbasat; Ra'Anan	ISR	27.8120	1729 Larry Jones; Fossil, OR	USA	25.2256
1672 Edith Iwama; Toronto, Ont	CAN	27.7705	1730 Skip Gallagher; Fort Worth, TX	USA	25.2201
1673 Anthony Johnson; Kingston	JAM	27.7393	1731 Rich Budnar; Tampa, FL	USA	25.1708
1674 Andrew Hugh Sam; Kingston	JAM	27.6198	1732 Ed Lane; Millington, TN	USA	25.1256
1675 Mike Gregus; Mesa, AZ	USA	27.5824	1733 Mantred Schneider; Cranbourne	AUS	25.0685
1676 Paul Seary; Southampton	GBR	27.5510	1734 Mark Miles; Millington, TN	USA	25.0671
1677 Mike Hartman; Acton, Ont	CAN	27.5253	1735 Richard Jennings; Southampton	GBR	25.0617
1678 Sharon Arnold; Millington, TN	USA	27.5000	1736 James Bartley; Vanderhoof, BC	CAN	25.0597
1679 Ron Baker; Owosso, MI	USA	27.4958	1737 Fernando Ros Bere; Bruxelles	ESP	25.0449
1680 Joel Riant; Quebec	CAN	27.4669	1738 Edmundo Rivero; La Paz	BOL	25.0272
1681 Neil Page; Southampton	GBR	27.4021	1739 Vardina Shoumla; Ra'Anan	ISR	24.9921
1682 Ron Walter; El Cajon, CA	USA	27.3914	1740 Thomas Furlong; West Worth, OH	USA	24.9760
1683 Ian Oakley; St John, New Brunswick	CAN	27.3835	1741 Raymond Burgher; Kingston	JAM	24.9607
1684 John Hindrichs; St Louis, MO	USA	27.2895	1742 Wayne Tateishi; San Jose, CA	USA	24.9439
1685 David Yap; Kingston	JAM	27.2097	1743 Robin Barnes; Ontario	CAN	24.9307
1686 Peter Costick; Southampton	GBR	27.2049	1744 Sue Bentley; Port Byron, IL	USA	24.9260
1687 Greg Migliore; Kailua-Kona, HI	USA	27.1931	1745 Michel Florent; Ottawa, ON	CAN	24.7989
1688 Lloyd Pond; Farmington, NM	USA	27.1856	1746 Ghislaine Baron; Quebec	CAN	24.7871
1689 Sal Plaia; W Palm Beach, FL	USA	27.1366	1747 Mike Biegler; Fort Worth, TX	USA	24.7863
1690 Shalom Halperw; Ra'Anan	ISR	27.0495	1748 Paul McIlveen; St John, New Brunswick	CAN	24.7794
1691 Arthur Johannesen; Yormountport, MA	USA	26.9935	1749 Mal Schumacher; RTON Mail Centre	AUS	24.7585
1692 John West; Rocky Ford, CO	USA	26.9146	1750 Jean Calvery; Terrace BC	CAN	24.7519
1693 Bruce Gow; Cranbourne	AUS	26.7527	1751 Jean Pierre Carbonell; St Orens	FRA	24.6445
1694 Fred Mincks; Port Byron, IL	USA	26.7291	1752 Hans Witte; Guayaquil	ECU	24.5899
1695 Michael Jecks; Southampton	GBR	26.6249	1753 Robyn J van Dok; Darwin NT	AUS	24.5581
1696 Chris Pevitt; Cranbourne	AUS	26.6092	1754 Don Neve; Hamner Ontario	CAN	24.5068
1697 Javier Handal; La Paz	BOL	26.6068	1755 Duard Danielson; Vadenberg AFB, CA	USA	24.4910
1698 Stephen Boyd; Port Byron, IL	USA	26.5451	1756 David Walker; Juneau, AK	USA	24.4779
1699 Robert Crawford; Christchurch	NZL	26.5085	1757 Yuval Levy; Ra'Anan	ISR	24.4180
1700 Coralie Carrier; Las Cruces, NM	USA	26.5071	1758 David Shaffer; Port Byron, IL	USA	24.3913
1701 Arthur Watson; Havelock, NC	USA	26.5019	1759 Brett Mathews; Wenatchee, WA	USA	24.3809
1702 Sanjeevai Abeyasinghe; Colombo	SRI	26.4882	1760 Paul Palmer; Cranbourne	AUS	24.3267
1703 Daniel Bednorz; Alamogordo, NM	USA	26.3615	1761 Robert Theis; Abilene, TX	USA	24.2416
1704 Dick Finan; West Worth, OH	USA	26.2756	1762 Frank Lum; Southampton	GBR	24.2387
1705 Patrice Bayout; Issy Les Moulinaeux	FRA	26.2554	1763 Keith Steward; Covington, IN	USA	24.1640
1706 Enrigue Salas; Guayaquil	ECU	26.2473	1764 Gilbert Gour; Quebec	CAN	24.1194
1707 Keith Ross; RTON Mail Centre	AUS	26.1833	1765 Henry Garza; Corpus Christi, TX	USA	24.1078
1708 Charles Appel; Woodridge, QLD	AUS	26.1809	1766 Chris Chorley; Southampton	GBR	24.0768
1709 John Reed; Fort Worth, TX	USA	26.1708	1767 Wayne Collins; Wenatchee, WA	USA	24.0532
1710 Wayne Hyatt; Arab, AL	USA	26.1533	1768 John Zawadzki; Brantford, Ont	CAN	23.9922
1711 Vic Bonner; Las Cruces, NM	USA	26.0997	1769 Stephan Borrett; Mt. Gambier, South	AUS	23.8427
1712 Mike Simpson; Mesa, AZ	USA	26.0193	1770 Joe Chitty; Cranbourne	AUS	23.8202
1713 Richard Uyeda; San Jose, CA	USA	25.9791	1771 Rondy Neill; Mesa, AZ	USA	23.7809
1714 Steve Brook; Southampton	GBR	25.9321	1772 David Reeve; Victoria	AUS	23.5817
1715 James Wolff; Fossil, OR	USA	25.7998	1773 Jamis Jamison; Bedford, TX	USA	23.5806
1716 Gilles Chodorowicz; Nice	FRA	25.7828	1774 Ron Stricklin; Boise, ID	USA	23.5371
1717 Alejandro Delgado; Bogota	COL	25.7425	1775 Jeff Perkins; Fort Worth, TX	USA	23.4830
1718 Luz Maria Carero; Lourdes Edif Cortijos	VEN	25.6569	1776 Anthony A DiGiovanni; Los Alamos, NM	USA	23.4352
1719 Ken Best; RTON Mail Centre	AUS	25.6468	1777 Dave Barron; Evansville, IN	USA	23.3068
1720 Cescey Davies; Phoenix, AZ	USA	25.5864	1778 Richard Witt; Las Cruces, NM	USA	23.2593
1721 Jose Perez De Corcho; Miami, FL	USA	25.5719	1779 Yadin Vilensky; Ra'Anan	ISR	23.2582
1722 Al Smaller; Albuquerque, NM	USA	25.5573	1780 Frank Morrell; Alamogordo, NM	USA	23.2255
1723 Yoram Sela; Ra'Anan	ISR	25.5556	1781 Julio Arana; La Paz	BOL	23.2004
1724 Gary Tidd; Cranbourne	AUS	25.5118	1782 Chuck Flanders; W Palm Beach, FL	USA	23.1837
1725 Asse Arto; Ostersund	SWE	25.4452	1783 Alan Price; Southampton	GBR	23.0683
1726 Kevin Vardy; Acton, Ont	CAN	25.4349	1784 Asa Bentor; Ra'Anan	ISR	23.0553

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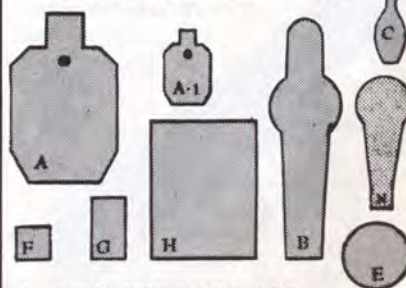
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1785 Kelly B Fitch; Boise, ID	USA	23.0013	1840 Yigal Lusky; Ra'Anan	ISR	20.4257
1786 David Corrales; Bogota	COL	22.9188	1841 Garth Rogers; Las Cruces, NM	USA	20.3651
1787 Roger Toole; RTON Mail Centre	AUS	22.8777	1842 Will Wingfield; Las Cruces, NM	USA	20.3441
1788 Ray Gray; St Ives NSW	AUS	22.8685	1843 Allen Ng; Honolulu, HI	USA	20.2861
1789 Shirley Graham; Darwin NT	AUS	22.7577	1844 Greg Maliagone; Tampa, FL	USA	20.2790
1790 Terry Watson; Southampton	GBR	22.7291	1845 Charles E Humphrey; Alamogordo, NM	USA	20.2565
1791 Brian Watmough; Southampton	GBR	22.6816	1846 Carter Martin; Abilene, TX	USA	20.2109
1792 Madison Walker; Phoenix, AZ	USA	22.6737	1847 Tom Bird; Port Byron, IL	USA	20.2080
1793 Diego Lopez; Bogota	COL	22.6692	1848 Gilles Veniger; St Brieuc	FRA	20.1956
1794 Martin Medhurst; Southampton	GBR	22.5877	1849 Mauricio Ortiz; La Paz	BOL	20.1931
1795 Richard Crayne; Havelock, NC	USA	22.5799	1850 Francisco Abussaid; Bogota	COL	20.1411
1796 Tobin McCarthy; Owosso, MI	USA	22.3983	1851 Sam Macaluso; Cranbourne	AUS	20.1202
1797 Steve Russell; Fossil, OR	USA	22.2522	1852 Kenneth Koscielski; Alamogordo, NM	USA	20.1195
1798 Randal Waasdorp; El Cajon, CA	USA	22.2357	1853 Jake Woodworth; Port Byron, IL	USA	20.0959
1799 Juan Pablo Loayza; La Paz	BOL	22.1860	1854 Tony Parker; Darwin NT	AUS	20.0787
1800 Geraard Schmitt; Toronto, Ont	CAN	22.1480	1855 Chris Earle; Cranbourne	USA	20.0122
1801 Bill Bennett; Las Cruces, NM	USA	22.1310	1856 Mike Estrem; Grandforks AFB, ND	AUS	19.9755
1802 Kevin Kingsley; Grandforks AFB, ND	USA	22.0612	1857 Guenter Zuehlsdorff; Cranbourne	AUS	19.9451
1803 Jim Worley II; Evansville, IN	USA	21.9858	1858 Leslie Warnock; Christchurch	NZL	19.8743
1804 Chris Kubick; Fort Worth, TX	USA	21.9531	1859 Kath Wiggall; Southampton	GBR	19.8084



This is partly why Terry Little (red cap) came last at the Southern Vales Practical Shooting League in South Australia. One round went "phut" and ROs Peter Page (peering down barrel) and Berne Baker are seeing if the slug is still stuck.

1805 William Gordy; Allen, MD	USA	21.9184
1806 Elizabeth Nagel; El Cajon, CA	USA	21.8882
1807 Joe Caputo; Harrisburg, PA	USA	21.8326
1808 Bernard Bougie; Ottawa, Ont	CAN	21.8218
1809 Frank Moretti; Mt. Gambier, South	AUS	21.8006
1810 Corky Read; Millington, TN	USA	21.7898
1811 Rodolfo Facendo; Lourdes Edif Cortijos	VEN	21.7642
1812 Jason Taylor; Kingston	JAM	21.7377
1813 Norberpoo Nurnberg; Guayaquil	ECU	21.7129
1814 Paul Renfro; St Louis, MO	USA	21.6788
1815 Odd Uilleberg; Oslo	NOR	21.6557
1816 Don McFarland; W Palm Beach, FL	USA	21.5426
1817 Reuben Rhodes; Las Cruces, NM	USA	21.5101
1818 Perry Clyatt; Vadenberg AFB, CA	USA	21.4815
1819 Alex Hoeyby; Stavanger	NOR	21.4693
1820 Carolyn Vering; Fossil, OR	USA	21.3829
1821 Jim Wall; Boise, ID	USA	21.3711
1822 Ed Reasoner; Fort Worth, TX	USA	21.3253
1823 Debbie Randall; Cranbourne	AUS	21.3093
1824 Dave Burke; Toronto, Ont	CAN	21.2729
1825 Glenn Brown; Victoria	AUS	21.2702
1826 Yair Studnik; Ra'Anan	ISR	21.2452
1827 Richard Couvrette; Ottawa, Ont	CAN	21.2385
1828 Dave Gibbett; Darwin NT	AUS	21.1036
1829 Marc Leupold; Fleury	FRA	21.0146
1830 Thomas Badham; Arab, AL	USA	21.0124
1831 John Pattison; Darwin NT	AUS	20.9488
1832 Jeff Donelson Jr; Allen, MD	USA	20.7747
1833 Jim Green; St John, New Brunswick	CAN	20.6993
1834 Scott Mattson; Wenatchee, WA	USA	20.6579
1835 Patrick Bodart; Bruxelles	BEL	20.5184
1836 Jessica Walker; Juneau, AK	USA	20.5089
1837 Haim Ben Har; Ra'Anan	ISR	20.4991
1838 Bernard Rougon; St Orens	FRA	20.4566
1839 Bill Lawson; Arab, AL	USA	20.4497



Edward Schulz of Sydney, Australia

1860	Dino Dyan; Papua	PNG	19.7496
1861	Glenn Sunday; Harrisburg, PA	USA	19.7416
1862	Bill Timmers; Blytheville, AR	USA	19.7014
1863	Jim Ledford; Abilene, TX	USA	19.6974
1864	Kristian Karlson; Stavanger	NOR	19.6775
1865	Luis Vera; Miami, FL	USA	19.5017
1866	Peter Leach; Darwin NT	AUS	19.4929
1867	Thomas Hetty; Oslo	NOR	19.4704
1868	Pat Chowning; Albuquerque, NM	USA	19.1773
1869	Bart Straw; Terrace BC	CAN	19.1355
1870	Avigdor Meler; Ra'Anan	ISR	19.1142
1871	Rick Rueter; St Louis, MO	USA	19.0998
1872	Gail Haynes; St Louis, MO	USA	18.9544
1873	Tony Newman; Cranbourne	AUS	18.9075
1874	Robb Moodie; RTON Mail Centre	AUS	18.8247
1875	William Scharrer; Juneau, AK	USA	18.7278
1876	Memashe Hess; Ra'Anan	ISR	18.7197
1877	Peter Tansley; RTON Mail Centre	AUS	18.7105
1878	Chuck Stubben; W Palm Beach, FL	USA	18.6517
1879	John Cox; Covington, IN	USA	18.6172
1880	Don Scott; New South Wales	AUS	18.5490
1881	Lee Vickery; Acton, Ont	CAN	18.5459
1882	Sagarika Gunawardene; Colombo	SRI	18.5317
1883	Clayton Tomas; Terrace BC	CAN	18.4575
1884	William Aukerman; Havelock, NC	USA	18.4452
1885	Don Graef; Fort Worth, TX	USA	18.3909
1886	George Kaiser; Brantford, Ont	CAN	18.3902
1887	Francisco Romero; Guayaquil	ECU	18.3804
1888	Donald A Fraser; Toronto, Ont	CAN	18.3783
1889	Michael Carney; West Worth, OH	USA	18.3489
1890	Simon Diamant; Ra'Anan	ISR	18.2050
1891	Steve Toth; West Worth, OH	USA	18.1584
1892	Lonnie Pond; Farmington, NM	USA	18.0978
1893	Suzanne Griffin; Victoria	AUS	18.0006
1894	Tomas Rodriguez Abrantes; Bruxelles	ESP	18.0003
1895	Keith R Morley; Brampton Ont	CAN	17.9925
1896	Micheline Quolin-Gimolin; St Orens	FRA	17.9361
1897	Sherisse Primero; Darwin NT	AUS	17.9191
1898	Michael Moore; Darwin NT	AUS	17.9071
1899	John Paden; Arab, AL	USA	17.8938
1900	Tony Sanabria; Miami, FL	USA	17.8358
1901	Paul Lais; Grandforks AFB, ND	USA	17.7618
1902	Doug Lyle; Brampton Ont	CAN	17.7304
1903	Robert Gregg; Terrace BC	CAN	17.7181
1904	Armando Oreadi; Lourdes Edif Cortijos	VEN	17.7036
1905	Bill Frizzi; Vanderhoof, BC	CAN	17.6160
1906	Yoram Zahavi; Ra'Anan	ISR	17.5643
1907	Bjarne Ludvigsen; Oslo	NOR	17.5641
1908	David Halstead; Kailua-Kona, HI	USA	17.4808
1909	Sheryl Cameron; Phoenix, AZ	USA	17.4236
1910	Perry Italiano; Midland WA	AUS	17.3186
1911	Mark Conway; Prescott, AZ	USA	17.3012
1912	David Isaacs; Southampton	GBR	17.3002
1913	Ken Causey; Blytheville, AR	USA	17.2275
1914	Gabriel Garcia; La Paz	BOL	17.1612
1915	Joe McMillin; Abilene, TX	USA	17.1396
1916	Brad Gilbertson; Grandforks AFB, ND	USA	17.1154
1917	Darrah E Brown Jr; San Jose, CA	USA	17.0955
1918	Phil Grizzell; Southampton	GBR	17.0704
1919	Christine Wallace; El Cajon, CA	USA	17.0699
1920	Mike Taylor; Southampton	GBR	16.9669
1921	Oddvar Bolstad; Norway	NOR	16.8884
1922	Allan Ardell; La Paz	BOL	16.8695
1923	Nicolas Humilier; Issy Les Moulineaux	FRA	16.6887
1924	Dov Aharoni; Ra'Anan	ISR	16.6748
1925	Les Armstrong; Christchurch	NZL	16.6079
1926	Adrian Calcraft; Southampton	GBR	16.5992
1927	John Boeker; Las Cruces, NM	USA	16.5200
1928	Larry Brown; Kailua-Kona, HI	USA	16.5088
1929	Steve Carroll; Jonesboro, IL	USA	16.4223
1930	Darryl Knutson; Calgary, Alberta	CAN	16.4222
1931	Bill Post; Juneau, AK	USA	16.4028
1932	Doug Mann; El Cajon, CA	USA	16.3854
1933	Howard Jones; Southampton	GBR	16.3735
1934	Raul Perez; Tucson, AZ	USA	16.3137
1935	John Cieplinski; W Palm Beach, FL	USA	16.2535
1936	Joe Crossley; Brampton Ont	CAN	16.1287
1937	Lloyd Blackham; Ottawa, Ont	CAN	16.0591
1938	James Lygouris; Cranbourne	AUS	16.0543
1939	Miguel Contreras; La Paz	BOL	16.0332
1940	Douglas Davis; Abilene, TX	USA	16.0006
1941	Tom Dohbow; Prescott, AZ	USA	15.9330
1942	Serge Cotteresaia; Ra'Anan	ISR	15.9019
1943	Dan Sabourin; Ottawa, Ont	CAN	15.8410
1944	Kim Christensen; Nyborg	DEN	15.8406
1945	Nick Weigel; Havelock, NC	USA	15.7116
1946	Ronald Cunningham; W Palm Beach, FL	USA	15.5589
1947	Grant Blain; Courtenay, BC	CAN	15.4767
1948	Michael Azuola; Houston, TX	USA	15.4399
1949	Rick Jackson; Mesa, AZ	USA	15.4176

When **SAM COLT** invented this gun, little did he know it would become the favorite of **GENERALS GRANT & LEE**. And he, for sure, didn't know the "shoot-'em-ups" with it by a guy named **HICKOK** would be so crazy, he'd come to be known as... **"WILD BILL."**



Sam Colt



Gen. Grant



Gen. Lee



"Wild Bill" Hickok

Do you know how Hickok got the handle, "Wild Bill"? James Butler Hickok was born in Illinois in 1839. His very first nickname was "Duck-Bill" because of the wierd shape of his nose and upper lip. In early August, 1861, he went to a friend's saloon in Independence, Mo. Inside, he found his friend surrounded by a crowd of "no-goodniks" who were going to kill him. He pulled out his two revolvers and challenged the entire crowd to a gunfight! (Hey, I never said he was bright). Because of his reputation as a lightning-quick deadeye, and his most recent nickname "Prince of Pistoleers," the entire crowd backed down...and he ran 'em out of town. A woman among the grateful citizens called him "WILD BILL"...and it stuck forever more. "Wild Bill" was shot in the back and killed by Jack McCall in a saloon in Deadwood, SD in 1870. Anyhow, this new gun's reputation for accuracy, dependability and excellence, spread like wild-fire throughout the land. Besides being the favorite sidearm of Sam Colt and "Wild Bill", Generals Grant and Lee would also adopt one and carry it during the Civil War. And this landmark gun was the first choice of the Westward-Ho sobbusters, cattlemen and the other early American pioneers who didn't relish the thought of having their wagons burned...especially while they were still inside! They wanted the best protection available from hostile Indians and the lawlessness of the wild, wild West. **This 1851 Colt Navy Revolver was it!** (Back then, they couldn't even imagine today's "gentler times" of the Uzi, and the AK47). To commemorate this legendary gun, we commissioned one of the finest Old World

Italian gunmakers to create this special edition, exclusively for us. And just look at the craftsmanship! The cylinder and the octagon rifled steel barrel are nickel plated and meticulously engraved using the latest roll engraving techniques. The solid brass frame and trigger guard assembly has the same artistic engraving on the side plates. The trigger, side plate screws and the checkered hammer, with half and full-cock settings, are also nickel plated. We finish the gun with one piece solid walnut grips. This is a 6-shot .44 Cal. percussion cap black powder revolver with a 7½" barrel. It shoots .454 Dia. lead balls, measures 13½" overall and weighs 2 lbs. 8 ozs. It has a fixed bead front sight with a V-notched rear hammer sight that aligns with the front sight when it's cocked. In stock and ready to ship. **Get your piece of history, today!** (But don't challenge entire crowds to a gunfight, OK?)

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PRODUCT ADVISORY

Smith & Wesson Pistols with Frame Mounted Decocking Levers

Models Affected: 1026, 1076, 4526, 4536, 4576, 5924, 5926, 6924 and 6926. Other model Smith & Wesson pistols are not affected by this advisory.

We have determined that it is possible for a Smith & Wesson Third Generation 9mm, 10mm and .45 ACP pistol with a frame-mounted decocking lever to malfunction so as to make the pistol inoperable.

In order to safeguard our customers from the possibility of such a malfunction, Smith & Wesson will inspect and, if necessary, modify these pistols free of charge. Owners of Smith & Wesson 9mm, 10mm and .45ACP pistols featuring a frame-mounted decocking lever with model numbers listed above, and which do not have two dots stamped on the frame underneath the decocking lever (when the lever is depressed) should send their pistols and accompanying magazines to Smith & Wesson for a no-charge inspection.

Please send your pistol and magazines to: Smith & Wesson, 2100 Roosevelt Avenue, Springfield, MA 01102-2208, Attn: Service Dept-DL. If you have questions regarding this Product Advisory, please call 1-800-331-0852 Extension 211.



While we have your pistol, our armorers will stamp your pistol with two dots as above, give your pistol an ultrasonic cleaning and full lubrication (a \$25.00 value) at no charge.

We apologize for this inconvenience. Smith & Wesson remains committed to building the safest, most reliable and finest-performing firearms possible.



Smith & Wesson®



The Trail of Tears gun club in Jonesboro, Ill., sent in this snapshot of Steve Hunott shooting his Pro-Pointed IPSC pistol on the "tire stage" of the match.

1950 Ramiro Vila; La Paz	BOL	15.3759	1996 Emil Wertheimer; Ra'Anan	ISR	13.6278
1951 Marion Shaffer; Port Byron, IL	USA	15.3503	1997 Manuel Contramaestre; Lourdes E. Cortijos	VEN	13.4411
1952 Michael Bowen-Colthurst; Terrace BC	CAN	15.2830	1998 Geoff Morris; Southampton	GBR	13.4231
1953 Chris Gartner; Mt. Gambier, South	AUS	15.1440	1999 Manuel Zambrana; La Paz	BOL	13.3818
1954 John Hitchins; Cranbourne	AUS	15.1152	2000 Ira John Larivers; Oakville, Ont	ZIM	13.3756
1955 Sue Newman; St Ives NSW	AUS	15.1044	2001 Paul Bilkey; Brampton Ont	CAN	13.3444
1956 Rick Ervin; St John, New Brunswick	CAN	15.0299	2002 Hermann Baerheim; Stavanger	NOR	13.3384
1957 Ken Echols; Houston, TX	USA	15.0156	2003 Zeev Yogev; Ra'Anan	ISR	13.3378
1958 Joe Vering; Fossil, OR	USA	14.8498	2004 Gary Reighard; Harrisburg, PA	USA	13.2896
1959 Daniel Oreadi; Lourdes Edif Cortijos	VEN	14.8132	2005 Nissim Pereg; Ra'Anan	ISR	13.2169
1960 Sean Goecke; Las Cruces, NM	USA	14.8051	2006 Seth Weinstein; Havelock, NC	USA	13.2099
1961 Wayne Converse; Farmington, NM	USA	14.7778	2007 Rene Jimeno; Papua	PNG	13.1962
1962 Bard Engebretsen; Oslo	NOR	14.6971	2008 David Scott; Farmington, NM	USA	13.0842
1963 Bjoern Engebretsen; Oslo	NOR	14.6454	2009 Larry Donham; Houston, TX	USA	12.9783
1964 Miguel Angel Guzman; La Paz	BOL	14.6296	2010 Bill Blundell; Southampton	GBR	12.9774
1965 Jill Eames; Darwin NT	AUS	14.5884	2011 Medha Russell; Ottawa, Ont	CAN	12.9714
1966 Ed Bugliarelli; Mesa, AZ	USA	14.5485	2012 Brenda Pierce; W Palm Beach, FL	USA	12.9237
1967 Ritchie Day; Courtenay, BC	CAN	14.4921	2013 Phil Lloyd; Southampton	GBR	12.9091
1968 Michelle Holmes; St Ives NSW	AUS	14.4600	2014 Ed Grabus; Havelock, NC	USA	12.7796
1969 Paul Fitzgerald; RTON Mail Centre	AUS	14.3827	2015 Glen Oliver; Terrace BC	CAN	12.7084
1970 Len Hollands; Brampton Ont	CAN	14.3022	2016 Lisa Siskin; W Palm Beach, FL	USA	12.6958
1971 Mike Man; Liverpool	GBR	14.2736	2017 David Shelton; Port Byron, IL	USA	12.6700
1972 Darren Kayrooz; Woodridge, QLD	AUS	14.2003	2018 Bryan Johnston; Albuquerque, NM	USA	12.5051
1973 Robert Shubert; Blytheville, AR	USA	14.1861	2019 Robert McClain; Honolulu, HI	USA	12.4348
1974 Bruce Hawkins; Honolulu, HI	USA	14.1753	2020 Oscar Tauno; Kailua-Kona, HI	USA	12.4198
1975 Jimmy Potter; Arab, AL	USA	14.1441	2021 Sten-Ake Sundkvist; Katrineholm	SWE	12.3353
1976 Anne Lene Sira; Stavanger	NOR	14.0881	2022 Ben Howlett; Tampa, FL	USA	12.2818
1977 Francois Duperron; Quebec	CAN	14.0193	2023 Ari Suomalainen; Mt. Gambier, South	AUS	12.2788
1978 Jerry Kuglar; Corpus Christi, TX	USA	14.0155	2024 Terry Little; Aberfoyle PR	AUS	12.2070
1979 Norman Mitchamore; Houston, TX	USA	14.0027	2025 Amos Raviv; Ra'Anan	ISR	11.9638
1980 Julian Lindenauer; La Paz	BOL	13.9763	2026 Chris Davis; Abilene, TX	USA	11.9592
1981 Julio Sierra; Bogota	COL	13.8151	2027 Louise Folmer; Terrace BC	CAN	11.9389
1982 Luis Mattos Jr; Rio De Janeiro, RJ	BRA	13.8087	2028 Derek Hill; Southampton	GBR	11.9381
1983 Mark Wilson; Millington, TN	USA	13.7865	2029 Errol Senn; Darwin NT	AUS	11.9165
1984 Danny Snellen; Louisville, KY	USA	13.7608	2030 Kurt Reincke; Nyborg	DEN	11.9068
1985 Tom Hoey; Kailua-Kona, HI	USA	13.7562	2031 Jean Visser; New South Wales	AUS	11.9052
1986 Jann Pattison; Darwin NT	AUS	13.7523	2032 Oscar Ayala; La Paz	BOL	11.8755
1987 Carlos E. Sanchez; Lourdes Edif Cortijos	VEN	13.7464	2033 Ricardo Sarmiento; La Paz	BOL	11.3943
1988 Simon Langridge; Southampton	GBR	13.7425	2034 Geoff Humphries; Mt. Gambier, South	AUS	11.3843
1989 Jason Koop; Mt. Gambier, South	AUS	13.7407	2035 Arnold Kokkin; Darwin NT	AUS	11.3659
1990 Bill Watts; Calgary, Alberta	CAN	13.7292	2036 Larry Cipriani; West Worth, OH	USA	11.3652
1991 William Schaaf; Havelock, NC	USA	13.6972	2037 Yony Almagor; Ra'Anan	ISR	11.3293
1992 Debbie Monath; Darwin NT	AUS	13.6937	2038 John Boyce; Fossil, OR	USA	11.3146
1993 David Berman; Ra'Anan	ISR	13.6805	2039 Eugene K Linney III; Evansville, IN	USA	11.2979
1994 Mark Warren; Grandforks AFB, ND	CAN	13.6672	2040 Erwin Lutz; Papua	PNG	11.2900
1995 John McClain; West Worth, OH	USA	13.6325	2041 David Linnie; Cranbourne	AUS	11.2570

2042	David Stefanye; Allen, MD	USA	11.1164
2043	Benito Angel Ecuverria Sordollia; Bruxelles	ESP	11.0210
2044	Avraham Teomim; Ra'Anan	ISR	11.0189
2045	Craig Anell; Port Byron, IL	USA	11.0000
2046	Kenny Wooten; Las Cruces, NM	USA	10.7818
2047	David Ingorsen; Oslo	NOR	10.7583
2048	Ric Ablao; San Jose, CA	USA	10.7187
2049	Tonny Soby; Nyborg	DEN	10.7076
2050	James Altmeyer; Evansville, IN	USA	10.6876
2051	Eliane Laporte Riou; St Orens	FRA	10.6391
2052	Gene Barlow; Craig, CO	USA	10.6307
2053	Gene Richardson; St. John, New Brunswick	CAN	10.6248
2054	Roland Delvento; Lenzburg	SUI	10.4860
2055	Jose Richarte; St Orens	FRA	10.4683
2056	Beni Nissim; Ra'Anan	ISR	10.3529
2057	Frank Pronovich; Ontario	CAN	10.2806
2058	Dave Hart; Anaheim, CA	USA	10.2302
2059	Paul Fierro; Las Cruces, NM	USA	10.1380
2060	Robert Lyons; Vadenberg AFB, CA	USA	10.0628
2061	Michael Folske; Albuquerque, NM	USA	10.0273
2062	Roy Boyd; Los Alamos, NM	USA	9.9455
2063	Jack Lancaster; Havelock, NC	USA	9.9450
2064	Jorge M. Liska; Lourdes Edif Cortijos	VEN	9.9375
2065	John Shannon; Arab, AL	USA	9.9337
2066	Brian Lindgren; Vadenberg AFB, CA	USA	9.9003
2067	Lars Jonsson; Ostersund	SWE	9.8390
2068	Dave Willis; Liverpool	GBR	9.8377
2069	Henning Wallgren; Oslo	NOR	9.8189
2070	Richard Daley; W Palm Beach, FL	USA	9.7021
2071	Carlos Cabrera; Bogota	COL	9.6757
2072	Trenie Hebrard; St Orens	FRA	9.6461
2073	Brian Cooney; Allen, MD	USA	9.5618
2074	Otto Carlos Della Maddalena; Phoenix, AZ	USA	9.4263
2075	Mike Quillopo; San Jose, CA	USA	9.3953
2076	Eddy Paravicini; La Paz	BOL	9.2445
2077	Patricia Geer; Toronto, Ont	CAN	9.1909
2078	Sandra Smith; Ottawa, Ont	CAN	9.1408
2079	Jean Felloni; Nice	FRA	9.0225
2080	Heuri de Rabaudy; St Orens	FRA	8.8874
2081	Roger Movica; Papua	PNG	8.7952
2082	John H Babelpour; Ra'Anan	ISR	8.7473
2083	Randy Merta; Evansville, IN	USA	8.6174
2084	Christine Cressler; Harrisburg, PA	USA	8.5068
2085	Ricky Mahfood; Kingston	JAM	8.4880
2086	Pamela Lind; Boise, ID	USA	8.4683
2087	Rune Christensen; Oslo	NOR	8.3753
2088	Kent Lind; Boise, ID	USA	8.3125
2089	Steve Murphy; Liverpool	GBR	8.2554
2090	Ben Krebbek; Darwin NT	AUS	8.2508
2091	Kurt Moll; Lenzburg	SUI	8.1158
2092	Hans Fogelstrom; Katrineholm	SWE	8.0014
2093	Marilyn Kalina; Roy, MT	USA	7.9420
2094	Jaime Moscoso; Guayaquil	ECU	7.8987
2095	Ramon D. Parra; Lourdes Edif Cortijos	VEN	7.8969
2096	Oswaldo Unda; Guayaquil	ECU	7.8948
2097	Herb Smyth; Juneau, AK	USA	7.8913
2098	Tony Penalta; Papua	PNG	7.8815
2099	Trygve Toenneberg; Oslo	NOR	7.5721
2100	Ramiro Herrera; La Paz	BOL	7.2798
2101	Jhonny Salas; La Paz	BOL	7.1905
2102	Virgil Scarbrough; Tampa, FL	USA	7.1280
2103	Lucia Straw; Terrace BC	CAN	6.9201
2104	Jershy Bercovitch; Ra'Anan	ISR	6.9198
2105	Mario Daza; La Paz	BOL	6.8536
2106	Thor Andersen; Oslo	NOR	6.8153
2107	Alvaro Clopatopski; Bogota	COL	6.8038
2108	Kieth Clarkson; Liverpool	GBR	6.7397
2109	Adrian Coca; La Paz	BOL	6.6457
2110	Eva Monsen; Toronto, Ont	CAN	6.6168
2111	David Smith; Juneau, AK	USA	6.5608
2112	Rich Stark; Albuquerque, NM	USA	6.4768
2113	Rolando L. Fonseca; Lourdes E. Cortijos	VEN	6.4103
2114	David Kitterman; Albuquerque, NM	USA	6.4075
2115	Robert Stacy Williams; Prescott, AZ	USA	6.3280
2116	Peter Walpole; Brampton Ont	CAN	6.2575
2117	John Chambers; Christchurch	NZL	6.0038
2118	Fernando Vargas; La Paz	BOL	5.7575
2119	Fernando Gutierrez; La Paz	BOL	5.7058
2120	Rudigor Rensch; Bruxelles	GER	5.7020
2121	Jay Davis; Juneau, AK	USA	5.5311
2122	Bill Atkin; Cranbourne	AUS	5.5295
2123	Garetn Biddle; Southampton	GBR	5.3828
2124	Jim Hanna; Kailua-Kona, HI	USA	5.3592
2125	Brent Wasson; Evansville, IN	USA	5.1132
2126	Trevor McCrimmon; Cranbourne	AUS	5.0948
2127	Nfn Souleres; St Orens	FRA	5.0852
2128	Ben McLeod; Prescott, AZ	USA	5.0833
2129	Nicholas Zervos; Christchurch	NZL	4.9805
2130	Fred Hudson; Brampton Ont	CAN	4.9248
2131	Jennifer Holmes; Fort Worth, TX	USA	4.9020



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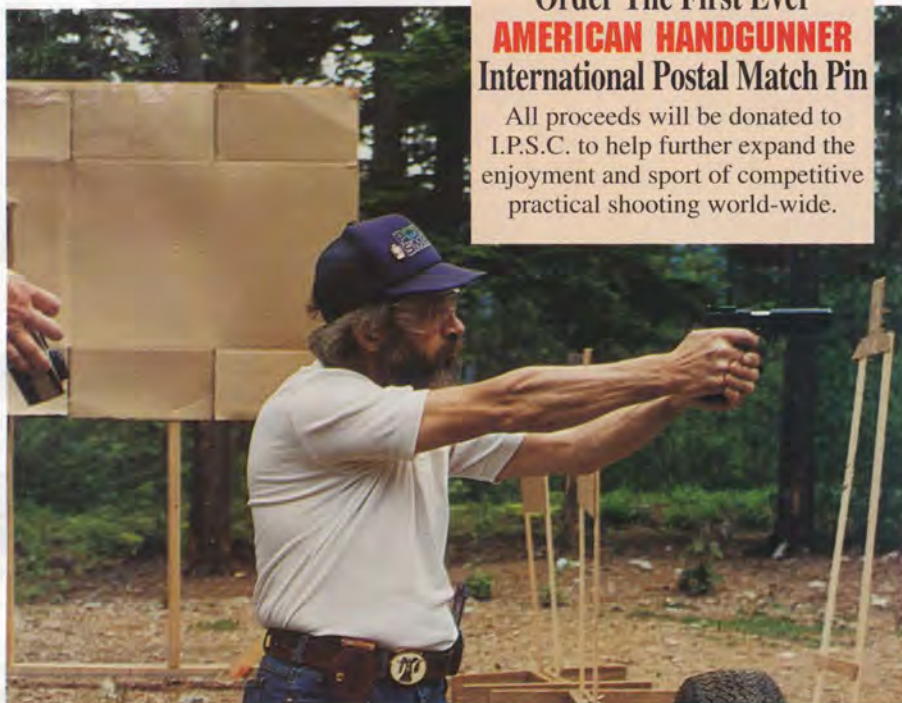
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| 2132 Kelly Benson; Darwin NT | AUS | 4.8853 | 2140 Norm Rogers; Darwin NT | AUS | 4.2319 |
| 2133 Gerald Breville; St Louis, MO | USA | 4.8309 | 2141 Curtis Taylor; Havelock, NC | USA | 4.0688 |
| 2134 Gary Marsh; Southampton | GBR | 4.7604 | 2142 Roger Holyoake; Southampton | GBR | 4.0468 |
| 2135 T J Tame; W Palm Beach, FL | USA | 4.7505 | 2143 Alex Wersonig; Brampton Ont | CAN | 4.0408 |
| 2136 Yvonne Rogers; Darwin NT | AUS | 4.7048 | 2144 Guillermo Jimenez; Guayaquil | ECU | 4.0323 |
| 2137 Sue Campos; Fort Wayne, IN | USA | 4.6383 | 2145 Phyllis Mattson; Wenatchee, WA | USA | 3.8241 |
| 2138 Spencer Gent; Southampton | GBR | 4.5203 | 2146 Jeff Baethke; Phoenix, AZ | USA | 3.7985 |
| 2139 Jerry Fox; Rocky Ford, CO | USA | 4.4183 | 2147 John Zervos; Christchurch | NZL | 3.7407 |
| | | | 2148 Bill Newman; St Ives NSW | AUS | 3.5042 |
| | | | 2149 Michael Ho Sue; Kingston | JAM | 3.4651 |
| | | | 2150 Juan Jose Galarza Aldave; Bruxelles | ESP | 3.4563 |
| | | | 2151 Joel Ramsey; Vadenberg AFB, CA | USA | 3.4483 |
| | | | 2152 Susan Harbison; Havelock, NC | USA | 3.1767 |
| | | | 2153 Franklin Michel; La Paz | BOL | 3.0816 |
| | | | 2154 Rey Bejerano; Papua | PNG | 3.0613 |
| | | | 2155 Fred Butler; St Louis, MO | USA | 2.9803 |
| | | | 2156 Oscar Arze; La Paz | BOL | 2.9498 |
| | | | 2157 Jeff Leonard; Fossil, OR | USA | 2.8445 |
| | | | 2158 Dick Sarah; Papua | PNG | 2.8006 |
| | | | 2159 Robert Yearley; Las Cruces, NM | USA | 2.5640 |
| | | | 2160 Steve Woods; Liverpool | GBR | 2.2529 |
| | | | 2161 Dawn Thomlinson; Courtenay, BC | CAN | 2.0572 |
| | | | 2162 Patti Mac Kinnon; Hanmer Ontario | CAN | 2.0435 |
| | | | 2163 Jim Hatzi; Cranbourne | AUS | 1.9975 |
| | | | 2164 Rick Laritz; Boise, ID | USA | 1.9430 |
| | | | 2165 Jim Cowling; Courtenay, BC | CAN | 1.9305 |
| | | | 2166 Leonard Scammell; Southampton | GBR | 1.8833 |
| | | | 2167 Monica Williams; Kingston | JAM | 1.5365 |
| | | | 2168 Mario Guardiola; Bogota | COL | 1.4033 |
| | | | 2169 Teresa Folske; Albuquerque, NM | USA | 1.3065 |
| | | | 2170 Eddy Gatdula; Papua | PNG | 1.2838 |
| | | | 2171 Jimmy Medina; Bogota | COL | 1.2543 |
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| | | | 2173 James Williams; Houston, TX | USA | .0000 |
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| | | | 2175 Steve Wyton; Southampton | GBR | .0000 |
| | | | 2176 Todd Moore; Las Cruces, NM | USA | .0000 |
| | | | 2177 Tony Arnold; Darwin NT | AUS | .0000 |
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CERTIFIED CZECH

By Stanley Crist

In the realm of double-action pistols the CZ-83 is without equal. However, few shooters are even aware of the existence of this Czech masterpiece. A couple of years ago, when Bauska Arms Corporation managed to import hundreds of the black-painted CZ-75s, they also quietly brought in a handful of the new gun.

The CZ-83 is a commercial copy of the Czech service pistol, the vz 82. The only apparent difference is in the calibers that are available. Whereas the military version is chambered for a special, high velocity loading of the 9mm Makarov (a



The CZ-83 is a top quality .380 Auto with superb workmanship that comes complete with the best combat features. That's the good news. The bad news is that you can't buy one except by importing it from Canada.



The CZ-83 is fairly tricky to detail strip, but basic disassembly is easy.

69 grain bullet at over 1300 fps), the civilian model is offered in .380 ACP and .32 ACP.

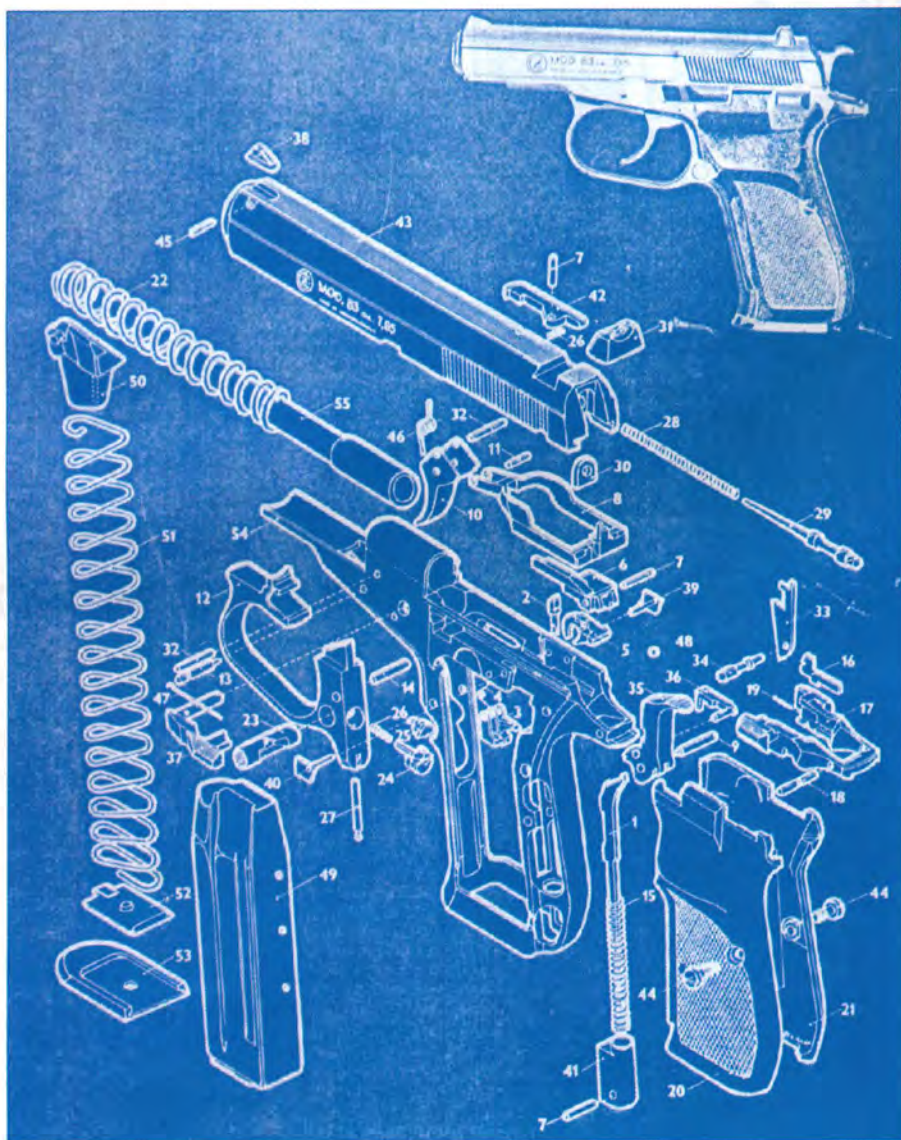
And that is the pistol's only real flaw; it is not built to handle a "serious" cartridge.

Combat Features

It comes from the factory with everything else a combat shooter could possibly want. Three-dot sights. Ambidextrous thumb safety. Ambidextrous magazine release. Capable of Condition One (cocked and locked) carry.

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promised, but seldom have even come close to delivering. Even the much-vaunted CZ-75 cannot compare to its younger sibling in this regard.

If one were to stroke the trigger of a Colt Python, that would give a good simulation of the excellence of the CZ-83's double-action mechanism. The double-action pull weight was a mere nine pounds, but it was so short and smooth that it felt much lighter. It would be very interesting to see if a master pistolsmith could improve it.

Single-action is an equally smooth four pound pull, camming the hammer back slightly prior to release. This camming motion is also typical of the CZ-75 and its clones.

The only CZ I have ever seen without it was the personal weapon of ace gunsmith Tim La France; he had performed an action job that was so labor-intensive that he would have had to charge almost \$400 if it had been for a customer! But the result was fantastic, making a stock CZ-75 trigger pull seem rough and heavy in comparison.

Czech Quality

Workmanship ranges from very good to excellent, with all components apparently machined from either forgings or bar stock. The CZ-83 is made the way handguns were manufactured in this country a half century ago.

Like a pre-Series 70 Colt Government Model, every inch of this gun fairly screams quality! It is a wonder that Agrozet (the manufacturer) can market the gun as cheaply as it does. There is so much machine work required to build a CZ 83, that it must cost them twice as much as they sell them for.

As a matter of fact, at least one gunsmith has referred to the CZ-83 as, "The most complicated .380 ever built!"

Actually, it seems more complex than it really is. It is a very sophisticated design, with groups of interlocking components that must be assembled in a specific order; once the correct assembly procedure is understood, it is unbelievably easy.

Field Stripping

Takedown for routine cleaning is nearly identical to the Walther PPK: Remove the magazine, ensure that the chamber is empty, pull down on the front of the trigger guard until it locks open with an audible "click", pull the slide to the rear.

When the slide is as far back as possible, lift the rear of the slide up about an inch and allow the slide to move forward until it clears the muzzle. Remove the recoil spring from the barrel and the gun is now field stripped.

Reverse the process for reassembly. What could be easier?

Detailed disassembly is, admittedly, somewhat more involved. As instructions do not accompany the pistol, a call was placed to David Campbell of Pragotrade, the Canadian importers of Czechoslovakian firearms.

They, too, had no manual covering detailed assembly/disassembly, but he was kind enough to send an exploded view and a parts listing, without which reassembly would have been an exercise in terminal frustration.

Shooting Test

From a technical standpoint the CZ-83 is sheer elegance, but what really counts is how well a gun shoots. It seemed

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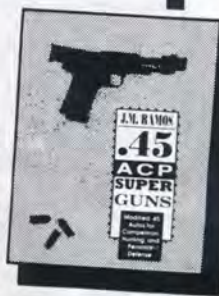
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appropriate that an exotic pistol should be tested with equally exotic ammunition.

Silvertip was chosen, as the best of jacketed hollowpoints, to serve as a baseline round. Also, the MPP (Maximum Pocket Pistol) load—a machined copper hollowpoint with a nylon nose cap to assist feeding—was selected, along with the unusual Omnishock. Of course, such a test would not be complete without including the Glaser Safety Slug.

With the magazine positioning the top round for almost a straight-line entry into the chamber, feeding was flawless. One undesirable trait was discovered during this session; the pistol is definitely incompatible with certain brands of ammo.

Winchester's excellent Silvertip load uses a bullet lube that burns rather dirty, leaving a black, grungy residue that built up rapidly on the breech face and caused numerous extraction/ejection failures.

It should be noted that this seems to be a quirk peculiar to the CZ-83, as I have shot many hundreds of rounds of Silvertips through other makes of handguns without encountering this problem.

The experience with the Omnishock, however, was of a much more inconvenient nature. The Omnishock uses a lead bullet with a steel expander plug in the nose. The bullet itself can best be described as a hollowpoint with four unequally spaced slits in the nose section.

Rather than expanding to a typical mushroom shape, the sectioned nose is intended to open like the petals of a flower. The expander plug serves the dual purpose of aiding penetration of hard objects and assisting expansion in soft targets. Unfortunately, circumstances did not permit the manufacturer's claims to be substantiated.

The Omnishock bullet is long and heavy; it simply would not stabilize out of the CZ. Tumbling was so severe, it was necessary to place the target at 10 yards just to keep all the holes on the paper. Attempts to check expansion and sheet metal penetration were also fruitless, as the bullets invariably impacted sideways. Consequently, the Omnishock was omitted from the comparison.

Bullets And Meat

Few would disagree that gelatin is the most scientific medium for checking relative effectiveness of ammunition. However, since it is time-consuming and very dependent on both temperature and mixture proportions, a simpler, "quick and dirty" method is to use a large chunk of meat—beef roast, London broil, or whatever. (This method has the advantage of letting you eat what you shoot!)

In this test, Silvertip produced the classic mushroom shape it is justly famous for. The MPP expanded so violently that it broke into a half dozen frag-

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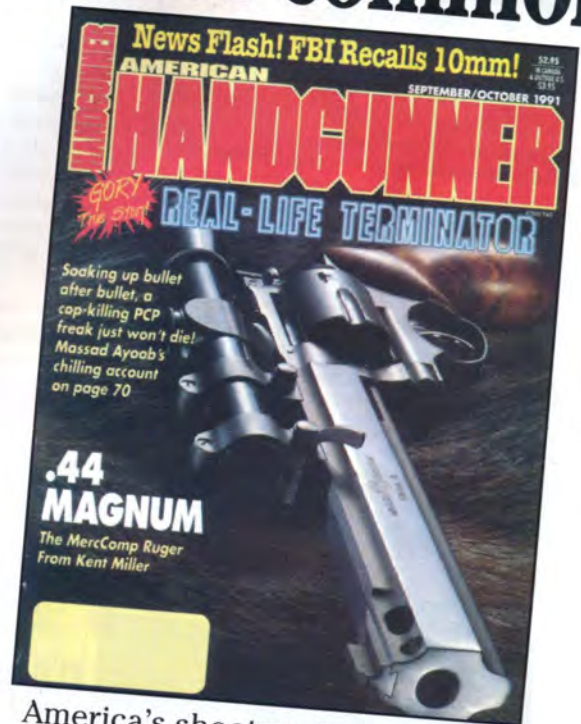
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ments. And the Glaser performed as advertised, spewing its load of shot through the target.

As a demonstration of tactical penetration potential, a baffle of .030" sheet steel was shot with each of the ammo types. The MPP load lived up to its name—it had by far the maximum penetration—drilling its way through five plates.

The other rounds only made it through two layers each. To put it in perspective, the full metal jacket loading in this caliber penetrates four plates.

Accuracy is exceptional, as could be expected from a gun with a fixed barrel. Or perhaps I should say, in steadier hands than mine, it is. I have fired two-inch groups (bench rested) at 25 yards, but the average is three to four inches.

Another shooter was able to hit a 12-inch steel gong at 50 yards—off-hand—with all 12 shots. This would make a good basis for a competition pistol.

If this article has stimulated a desire to own one of these little jewels, it must be realized that the situation is similar to the CZ-75 scarcity of several years ago. Those few CZ 83s that are in this country are commanding premium prices.

A brand new CZ-83 can be imported by an individual via Pragotrade (307 Humberline Drive, Dept. AH, Rexdale, Ontario, M9W 5V1, Canada), using ATF Form 6, but it will still not be cheap.

Perhaps the political reforms taking place in Czechoslovakia will result in a lessening of trade restrictions that will increase the availability of both the CZ-75 and the CZ-83. Until then, the best .380 in this country is destined to remain the rarest.

TECHNICAL SPECIFICATIONS	
Caliber	.380 ACP/.32 ACP
Overall length	6.8 inches
Barrel length	3.8 inches
Height	5.0 inches
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INDEX OF ADVERTISERS

Accurate Arms	108	Combat Corner	50	J.A.F. Gunsmithing	96	Practical Pistol Service	136
Accurate Plating	109	Combat Shop	96	Jarvis gunsmithing	122	Practical Tools Inc	111
Actions by "T"	121	Compassec Inc	134	Kings Gun Works	54	Ranch Products	122
Adventurers Outpost	110	Competition Electronics	11	Kleenbore	12	Real Army Navy	136
Ajax Custom Grips	96	Competition Edge Dynamics	35	Bob Krieger	122	Ringler Custom	119
American Derringer	112/120	Colorado School of Trade	136	Lansky Sharpeners	114	SeeR Inc	134
American Historical	3	Carbon Bullets	98	LaRocca's Gun Works	109	Shooting Accessories	32
American Sales	136	C.P. Bullets	117	L.A.T. Supplies	102	Shooting Chrony	42
Artzen	125	Cylinder & Slide	88	Leather Arsenal	136	Shooters Depot	37
Atwood Arms	91	Discount Ammo Cache	39	Leupold Stevens	8	Shooting Systems	99
Auto Ordnance	110	Danbury Mint	55	Lyman	105	Sierra Bullets	90
Massad Ayoob/Police Bookshelf	33	Davis Industries	132	Magnaport	104	Smith & Wesson	C4/95/128
Bain & Davis	122	DBI	48/49	Mail Order Video	43	Milt Sparks	96
Bar-Sto	134	Denny's Shooters Supply	30/31	Maxi Mount	136	Sportsman's Guide	112/127
L.L. Boston	99	Desantis	6	Chip McCormick	38	Springfield Armory	16/17/14/103
Better Accuracy	92	Dillion	36	Merit Corporation	106	SSK Industries	121
Baumannize Inc.	42	Dynamit Nobel	126	Metaloy	94	Tanks Rifle Shop	121
Beretta	13	Brian Enos	113	Michaels of Oregon	24	Tasco	25/28
Blackhawk Crossbows	122	European American Armory	19	Midway Arms	107	Taurus	C3
Ted Blocker's Custom	106	Franklin Mint	9/15	Millett Sights	102	Ten Ring	92
Bo-Mar	134	Gage Mfg.	94	MSS Maharlika	129	Thompson Center Arms	23
Boonie Packer	108	Galco International	C2	MTM Molded	111	Trijicon	101
CT Brian	136	Gonic Arms	25	Mustra's Custom Guns	98	Tru Square Metals	92
Breakfree	40	Guncraft Inc	119	National Bullet Co.	93	Melvin Tyler	122
BRILEY	113/119/130	Gun Parts	106	New Product Marketing	109	U.S. Cavalry	134
Brother's Custom Guns	94	Guncraft Sports	44/45	Nowlin Custom Guns	107	Venco Industries	121
Ed Brown Products	100	Heine	98	NRA	71-74	Volquartsen Custom	34
Browness & Son	111	HKS Products	118	Oehler	129	Waller & Son	40
B-Square	51	Jim Hoag	121	Oglesby & Oglesby	98	Wayland Precision	134
Maynard Buehler Inc	108	Hogue Grips	54	Pachmayr	124	Weigand Combat Handguns	105
Bull-X	29	Don Hume Leather	120	Pact Inc	5/21	Wichita Arms	129/94
California Grip	120	Hydrosorbent	120	Paladin Press	133	Wilson's Gun Shop	26
Caspian Arms	46	IMR	123	Para Ordnance	41	Wolff Co.	112
Centaur Systems	110	ISI-International Shootist	114	Pewin Bullets	97	Wolfe Publishing	136
Chapman Academy	107	Interarms	114	PMC Eldorado Cartridge	7	World Class Pistols	97
Cincinnati Microwave	47	Irwin Gunsmith	129	Power Custom	132	World of Targets	103

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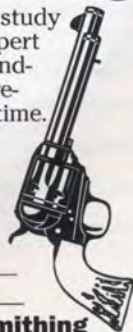
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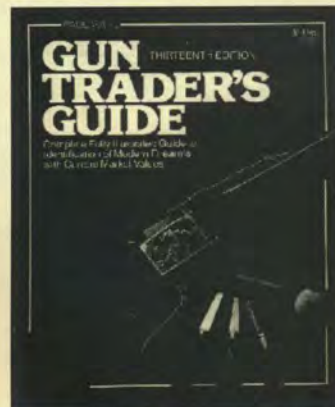
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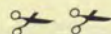
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of the **FBI** recall of the Model 1076, the euphemistically termed "product advisory" from S&W warns owners:

"We have determined that it is possible for a Smith & Wesson Third Generation 9mm, 10mm and .45 ACP pistol with a frame-mounted decocking lever to malfunction so as to make the pistol inoperable."

The recall applies to all 1026, 1076, 4526, 4536, 4576, 5924, 5926, 6924 and 6926 models. For information on how to return your gun for S&W's free repairs, call toll-free 1-800-331-0852 extension 211.

Asked if the commercial recall of all these models is linked to FBI recall of the 1076, Scott said, "We wanted to be absolutely certain that an FBI trigger didn't make it into one of our non-FBI guns. The new FBI guns will have a different colored—black—trigger."

Smith & Wesson has determined that the failures of the FBI's 1076 is due to a faulty trigger design that was specified by the Bureau instead of the standard trigger found in commercial models.

Scott said of the recall, "It's over-kill. It's like the grip recall. There were three cases out of 300,000 guns where a grip broke and rendered the gun inoperable. But unlike some of our competitors out there, if there's a problem we'll face up to it and fix it."

Old friend and shooting companion Gordon Payne of Mexia, Texas, checks in with the news that the Texas Dept. of Public Safety (the Lone Star State's "highway patrol") has just adopted **SIG** P-220 pistols. Gordon is a sergeant with the DPS and a fine practical shooter with his pet Colt Gold Cup. We wish he and the other troopers the very best of luck with their new .45 semi-autos.

Mssrs. Smith and Alexander are no longer **Smith & Alexander**. The gents who patented the mainspring housing mag funnel for 1911 pistols have parted company. Steve Alexander has fired up **Shooting Accessories** to continue capitalizing on the brand-recognition that the "SA" logo and products have established. Look for the same quality products under the new/old label.

The following item is reported from a story in *The National Enquirer*. (Really, I don't read this tabloid, someone just put this clipping in my IN basket.)

Joining Carl Rowen and Ted Kennedy as the newest members of the Guns For Me, None For You Club is Jane Fonda. The aging anti-war protester surprised her fiancée Ted Turner late one night when her private bodyguards mistook him for a burglar and threw down on him.

With the business end of four handguns staring at her beloved, Hanoi Jane

shrieked, "Wait, it's not a burglar—it's Ted!" according to an account in the *National Enquirer*.

"Jane and Ted's Excellent Adventure ended with the hired guns holstering their cannons and speeding away," wrote Mike Walker in the *Enquirer*, "leaving the love birds red-faced in the yard."

In case you haven't seen **Women & Guns**, it's a new magazine about, strangely enough, women and guns. Edited by Sonny Jones, the monthly magazine features articles directed "to serve the growing community of women who have made a decision to own firearms for



security and recreation." For subscription information, call (206) 454-7012.

The largest distributor in the firearms industry, **Outdoor Sports**, is in serious trouble. A group of its creditors led by **Remington Arms** and including **Mossberg** and **Nikon Optics** has petitioned the court to place Outdoor Sports in Chapter 7 of the US Bankruptcy laws which would force the total liquidation of its assets to pay the creditors.

According to industry analyst Hunter Payne of **Bangers Distributing**, a collapse of Outdoor Sports Headquarters, Inc., (OSHI) would be catastrophic for the industry. "If OSHI goes under, it will take at least three or four years for this industry to recover. You have no idea how much support OSHI gives this industry. At least \$100 million of business will just disappear, evaporate."

Payne said that Outdoor Sports in its heyday ran 10 distribution warehouses with over 100 salesmen on the road calling on gun shops nationwide. Payne said they are down to "four or five" distribution centers and most of their sales personnel are looking for work. "Top officials of OSHI have resigned. Currently OSHI is in a state of total confusion. They offered their creditors 20% with an option to renegotiate for the other 80% in one year, but that was turned down. They have 60 days to present an acceptable plan to the courts," Payne said.

Last year Outdoor Sports enjoyed over

\$240 million in sales. Let's hope they regain their prominent position as a full-service distributor—for the sake of the gunshops, the shooters, and the manufacturers.

A barrage of "Desert Storm Commemorative" guns, knives, and other collectibles are hitting the market. Various companies are saluting our service-



men and cashing in on the wave of national pride that followed our spectacular victory.

Springfield Armory has released its "Gulf Victory Series" Model 1911 .45 ACP. **Beretta** has issued its Desert Storm version of the Model 92F complete with, "A special Desert Storm adhesive patch is included, and the G.I. packaging is enhanced by a desert camo sleeve," according to one wholesaler's ad. **American Historical** offers a Desert Storm Commemorative knife.

In this issue you will find an ad from the **NRA** asking "Where were you?" I'd like to think that the ad is falling on deaf ears because surely most all of you *Handgunner* readers are already members and supporters of the NRA.

If not, call the toll-free number and join now! That number is 1-800-922-4672.

If you're already a member, why not give a membership to your shootin' buddy or huntin' companion? Christmas season is just around the corner, and I can't think of a more meaningful gift for a shooter.

So do it now—just as soon as you finish this column, call the NRA!

Congratulations to Doug Koenig, winner of the 1991 Masters International. The young **Team Springfield** shooter adds The Masters trophy to his Bianchi Cup, IPSC World Shoot victories, proving "hosemasters" can also shoot accurately in the precision games.

There were four off-duty policemen in **Accuracy Gun Shop** in San Diego on the day a doper stumbled into the store intent on buying some shells for his new gun. He staggered up to the counter and laid his brand-new, custom-made firearm there for everyone to admire.

It was a home-made zip gun! The off-duty cops called for a squad car and the would-be gun designer was carted off to the pokey. Shop owner Lance Martini laughed, "I think they charged him with Felony Stupid!"



FBI REPLACES S&W PISTOLS WITH SIG P-226— THEN RECALLS SIGS!

Less than a month after replacing their recalled S&W 10mm pistols with SIG 9mms, the FBI recalled the replacement SIGs!

In June, the FBI had returned some 2,500 guns to S&W for repair of a faulty trigger mechanism which S&W identified as the cause of the Model 1076 to unexpectedly seize up, unable to fire.

To replace the Smiths, the FBI purchased 1,000 SIG Model P-226 9mm pistols for agents who returned their Smiths.

According to an FBI press release, "On May 31, 1991, FBI Director William S. Sessions announced the recall of all Smith & Wesson Model 1076 pistols. This action created an urgent need to issue temporary replacement weapons to field Special Agents until issues concerning the reliability of the weapon could be resolved.

"The only viable procurement option for the FBI was to use the specifications written when a quantity of 9mm pistols was purchased in 1988. Solicitations were sent to two top finishers in the 1988 procurement competition.

"An FBI weapons evaluations and selection advisory group recommended the SIG-Sauer P-226 9mm pistol was the weapon best meeting FBI's needs. Accordingly, a contract was signed for the purchase of 1,000 pistols with an option to purchase an additional 1,000 pistols."

Less than a month after this press release was issued, the FBI recalled the SIG pistols!

"On July 3, 1991, FBI Director William S. Sessions announced the purchase of SIG-Sauer P-226 9mm semiautomatic pistols to replace the Smith & Wesson Model 1076 10mm pistols which were being recalled.

"During firearms training with these SIG-Sauer pistols at the FBI Academy, five pistols malfunctioned. In each instance the slide catch lever (slide stop) caused the slide to lock back and would not allow the slide to be released manually.

"This caused each weapon to be incapable of firing. This condition occurred within the first 100 rounds fired, with each weapon in new condition.

"SIG Arms advised that the series SIG-Sauer P-226 pistols with serial numbers 447000-447999 may have been assembled with improperly manufactured slide catch levers. Six hundred

weapons of this series were purchased by the FBI.

"SIG Arms has requested, with FBI concurrence, that these parts be replaced in all of the weapons purchased by the FBI. All P-226 pistols in possession of the FBI will be returned to the FBI Academy to be upgraded with the new part."



"Young Guns" of American Handgunner: advertising salesman Bill Harris reports that his grandson William weighed over 50,000 grains at birth.

"It's never too soon to start firearms safety training and the smell of gun oil is the first step," says proud grandpappy Bill Harris of *American Handgunner's* advertising department. Two-month-old William likes to snuggle with granddad's Colt (unloaded, naturally).

Have you seen the debate between Lee Precision and Speer Bullets that's been appearing in gun magazine ads? Lee ran a "Lee Technical Bulletin" ad in which the virtues of the Lee Factory Crimp Die are extolled.

"Crimping a non-cannelured bullet does not degrade the accuracy of the bullet (except possibly Speer brand). In most cases accuracy will improve," reads the ad which goes on to get in this dig, "Speer recommends Speer bullets not be used with Lee Factory Crimp

Dies. It would please us if no one used Speer bullets."

Speer responded with a parody of the Lee ad called a "Speer Technical Bulletin" advising us that "If you want to ruin your accuracy, start by ruining your bullet." The ad goes on to lambaste the practice of crimping rifle bullets, "If you've been reading reloading ads lately, you know that there are some self-styled 'experts' out there trying to convince you to apply a 'factory-type' crimp to bullets that don't have a crimping groove."

Here's the fly in the ointment—the Lee ad shows a photo of a box of Federal .223 Match ammunition with a pulled bullet next to an empty case. The bullet is clearly damaged with the caption pointing out, "Pulled bullet from factory match ammunition clearly shows crimp in non-cannelured bullet."

The word I get is that the folks at Federal are steaming over Lee's implication that their match-grade ammunition uses deformed bullets. Rumor has that all parties are sharpening their legal swords to take this battle out of the advertising pages and into the courts.

The stars just aren't lined up for Smith & Wesson these days. When S&W's British owners Tompkins PLC trundled over the Atlantic to make their annual white-glove inspection of their gunmaker in the Colonies, an embarrassing \$3 million in inventory was missing.

"There were some discrepancies that arose during the inventory process," acknowledged S&W's Robert L. Scott, vice president of marketing, "I don't think a company exists that comes out with a 100 percent inventory control."

Scott was unable to speculate on the whereabouts of the missing guns and said that was a question for a vice president of administration. However, Scott said the guns really aren't missing, they're just lost in "accounting procedures" somewhere.

(Given an average wholesale price of \$300 per S&W gun, that's some 10,000 guns floating around out there in some sort of CPA's version of limbo.)

While the Brits were in Springfield, S&W president T. Stephen Melvin left. Permanently.

There is much speculation on the reasons for Melvin's departure—the FBI 10mm fiasco, the "Gun Of The Week" policy, the missing \$3 million, two major product recalls. However, the official company line is that Melvin simply left. No reason is given in an S&W press release. The release noted that Anthony J. Reading, a divisional director of Tompkins PLC, has assumed the duties of CEO until a new president can be hired.

Meanwhile, the run of bad luck continues in Springfield. Smith & Wesson just issued the second major recall of the Third Generation pistols, this time for all decocking lever autos. Close on the heels

Continued on page 141



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