



THE

FRONT SIGHT

OFFICIAL JOURNAL OF THE UNITED STATES PRACTICAL SHOOTING ASSOCIATION/IPSC

November/December 1988

Volume 4 Number 6

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FROM THE EDITOR



The World Shoot is over and by the time you read this, the Nationals will also be history.

It takes a lot of people and a lot of hours to put on a match the size of these two. Those of you that have been in charge of a large match know what I'm talking about. Those of you that haven't, next time you are out shooting, look around.

WHO: Put the labels on the score cards; stuffed the shooters bags; ordered porta-potties; put water at the stage; made the props; solicited for prizes; drew the course of fire, etc.?

Take the time to thank these people. Remember, we are a volunteer organization. For some of the workers all they get is YOUR thanks! Do you want to keep on shooting . . . how about volunteering yourself sometime? It is rewarding to see a job well done and to hear "Thanks" now and then.

USPSA membership is continuing to climb. September 1987 we had 4963 members. September 1988 we have 6587 members. This means we had a NET GROWTH on the average of 135.3 NEW members each month.

We are getting more and more inquiry from other regions and in the last month our Foreign membership has started increasing. The United States is truly the Mecca for Practical Shooting. We/you are running over 200 practical shooting contests EACH MONTH. That is saying something. No other country in the world can approach that figure.

I thank you. And those not yet



in the sport thank you for your support. With your help and contributions both in time and finances, your organization will continue to grow and prosper. Without it, we would wither and die.

Mark

**WELCOME! #A-10000
Russell J. Dobransky
Coconut Creek, FL**

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FROM OUR READERS



Dear Sir:

I am writing in response to the letter in your September/October issue titled **Joe Average**.

I am a fairly new member in IPSC shooting and shoot with MAPSA in the Twin Cities. I joined IPSC to have fun and do not aspire to the nationals. I have neither the time nor money to practice as much as would be needed. So I decided to shoot my Desert Eagle .357 instead of getting a Colt or Colt copy.

I have customized it with millet sights, enlarged safety and slide release, and had it Magna-Ported. I shoot 159 SWC GC at a 193 power factor. I have had excellent technical help from Magnum Research and cannot commend the company highly enough.

I just wanted to say that as a low "D" class shooter, it would be nice to get a trophy sometime, but there is something far more important to me. The people who I have met in IPSC have been genuinely nice people and made me feel welcome. I do not get the "elite" group type of feeling associated with many of organizations.

Even top "A" shooters have been very friendly and helpful to me taking time to answer my very beginnerish questions. At a recent sectional meet I felt in over my head, but everyone there was so friendly and able to laugh at problems. It was more a shooters against the course feeling than a top shooters above all the rest of the world.

Page 2

This is what will bring in new members, and keep them. It is the people.

Thank you.

Robert Lifton A 9392

Dear Ken

Now that the dust has settled from another successful Miller Invitational match, I wanted to take the opportunity to thank you for coming in and holding an NROI class for ROs.

The students, with whom I have spoken to, advise me that they feel much more comfortable while on the line with a shooter, after having attended your school. I could see the difference in some of the students that finished your class and then helped out with the Miller match.

People such as yourself, are a credit to this sport. We all know what sacrifice is, and I thank you for making our sport safer by sacrificing your personal time to go around the country teaching us. Teaching not only the rules, but the safety aspect as well.

I hope that we extended our hospitality to make your stay as enjoyable as possible while you were away from home.

It was fun having you here, (even though we only got two hours sleep Friday night). I hope next year you can return as a Competitor to enjoy the Millers.

Sincerely

John Amidon, S.C.

Dear Dave,

I have just completed a level 1 RO school held August 20 & 21 here at the Oil Capital Practical Shooters Facility taught by Mr. Harold Cox.

The class was very informative and interesting and I wish to compliment Harold on his knowledge of the sport and the manner in which he conducted the class. I feel it was a worthwhile 2 days spent.

It was readily apparent that USPSA/NROI has spent considerable effort in developing this program and its teachers and your efforts are appreciated.

Sincerely,
Greg Lenhart

Dear Sir:

I am writing in response to the letter in your September/October issue titled **Joe Average**.

I am a fairly new member in IPSC shooting and shoot with MAPSA in the Twin Cities. I joined IPSC to have fun and do not aspire to the nationals. I have neither the time nor money to practice as much as would be needed. So I decided to shoot my Desert Eagle .357 instead of getting a Colt or Colt copy.

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Continued Page 46

Front Sight

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INSIDE IPSC



BOARD OF DIRECTORS MEETING JUNE 4, 1988 DALLAS TEXAS

Board members in attendance: Ken Slack, Marc Halcon, Roy Wright, Tommy Weston, John Sayle, Mike Braun and Walt Rauch.
Not attending: Bill Rogers and Steve Herberth

MOTION; Roy Wright moved the minutes of the previous meeting be approved as published. 2nd. passed unanimously

Sec-Treas.Report: As of May 1st, approx.\$42,000.00 in the regular account and approx. \$22,000.00 in the champ. account. \$70,000 was taken from the regular account, \$50,000 put into a C.D., and \$20,000 put into savings as guarantee against loan.

AREA CHAMPIONSHIP REPORTS

Area 1 - Ken Slack - Match will be held July 4th weekend at Marysville, WA. There are 143 competitors that have pre-registered.

Area 2 - Marc Halcon - Match was held at Black Canyon range April 30, May 1 by Cactus League with 139 competitors. Brian Enos came in 1st place, Rob Leatham 2nd place. He felt that before long we will be seeing 3 day Area Championships with a combination of several clubs hosting.

Area 3 - Roy Wright - Match will be held June 18th at Chapman Academy in Missouri. Courses of fire are approved. The problem currently is lack of insurance with no parent club at the academy. Roy Wright mentioned that each of his clubs that assist in running the Area Championships will get a portion of the reported mission count. His report to headquarters will show the correct breakdown.

Area 4 - Tommy Weston - To be held July 30-31 at Dallas Rifle & Pistol Club. The biggest problem they have is the \$1500 required up front for the range fee to the Dallas club. Entry fee is \$75. He agreed to send ad copy for insertion in Front Sight before the June 7th deadline.

Area 5 - John Sayle - To be held June 25 & 26th. He felt Front Sight was a good advertising medium. Their ad appeared early and he started getting calls first part of this year.

Area 6 - John Sayle reported for Bill Rogers-Competitors taped and assisted in running the match. CRO was the administrator. Shooters were squadded and each squad determined shooting order. It worked well and took pressure off the CRO and match staff.

Area 7 - Mike Braun - No championships to be held due to lack of club interest.

Area 8 - Walt Rauch - The championship was the Spring Thaw upgraded. 140 shooters with Rick Castelow winning.

U.S. NATIONALS -Dave Stanford reported that additional CRO staff was still needed to work the Nationals. Dave asked the board for assistance in finding some experienced help. CRO staff will have their room & board taken care of for the week. They will be required to be in Barry from Friday September 30 through Sunday October 9th. The schedule is as follows: Ladies match, Saturday, Oct.1, handled by the PASA club; Saturday afternoon & Sunday, range set-up; Monday AM, Range officers shoot; Shooters meeting Sunday evening; Shooting begins Monday afternoon through Friday; BBQ & dance Friday at 4 pm; Shoot-off Saturday AM; Banquet Saturday evening. Discussion followed on ways to recruit qualified CRO's & RO's for the Nationals and other major matches. Tommy Weston suggested that each Area provide RO's for one stage. Dave Stanford agreed that it may be something to look at. This year a minimum of 25 Certified Range Officers will be required. Each Area Director would line up the CRO and all staff for one stage. Walt Rauch said he would not do it in his area.

John Sayle reported on a discussion he had with Dick Metcalf. Dick told him that if the Nationals were moved to July it would not be a problem for him or the range. He also told John the town of Hannibal would be interested in hosting it and boy scouts would be available as tapers, etc. John felt the U.S. Nationals should be held at the same time every year during the week that is closest to July 4th weekend, beginning in 1989. He reminded the Board a motion was

made and passed in 1985 to do just that.

Dave requested comments from each Board member:

Roy Wright - If Nationals are held in July that leaves May or June for Area Championships and preparation time could be a problem. Also, July is very humid, traditionally October is the best time of the year in that part of the country.

Tommy Weston - agreed with Roy. He felt the mission count structure would have to be changed. He also didn't like the Barry/Quincy area because of lack of outside things to do.

Walt Rauch - He felt the Nationals should be held in July. There is a problem with the current mission count year. There would be a gap of 6 months during transition period but agreed the board had already voted to have Nationals in July.

Mike Braun - feels summer is best time to hold the Nationals. If the administrative problems can be worked out summer is best.

Marc Halcon - Agreed the date should be locked in, July would be fine. The mission count will have to be changed to a fiscal year. He is opposed to having it in the same location every year.

Ken Slack - Felt it should be given a date and left there but does not want it locked in to one location. He felt cost is a factor and if it is moved the same people wouldn't be attending each year.

Dave Stanford - If the Board of Directors agrees to move the Nationals, the time to start working on it is now. He agreed the mission count year would have to be changed. Moving the Nationals will have a major effect on the Area Championships. He felt each Area Director would have to get out and discuss it with their members. Also, moving the Nationals but keeping it in July would have a drastic effect on what locations would be available during that time. He stated he had contacted individuals in Hannibal about moving the Nationals but was not very well received. The biggest contribution that Quincy makes is the discount on rooms and Quincy dollars provided to the Range



R.D.

By Dave Stanford



SOUTH AFRICAN'S BARRED FROM COMPETITION WS VIII!

It was a sad day for I.P.S.C. at the World Shoot in Caracas last month. The Venezuelan Government barred all South Africans entry to participate in the match. Not only did they bar contestants entry but they would not even permit Range Officers to come in; NOR did they permit delegates to the World Assembly to enter.

Geoff Boniface and his wife Tilly, the South African Regional Director and delegate to the convention was turned away at the Caracas airport. Steve Culp, a friend stood in for him at the world meeting.

This unfortunate development came about quite suddenly, only a couple days before the event and left 38 South Africans stranded in New York City. This created a definite financial hardship on these innocent sportsmen.

The costs expended by these 38 individuals is in the neighborhood of \$80,000 for airfare and prepaid lodging. Not to mention the extra expense of remaining in New York City awaiting developments and trying to gain visa's.

It behooves the World Body of I.P.S.C. to attempt to find a neutral ground where all true sportsmen can come to compete together without being made pawns of by various political maneuvers of national governments.

While the sanction of the World Championships was not withdrawn, it truly was not a true test of all the best shooters in the World.

South Africans have always been the competition to and for the United States shooters. Most other Nations are in development stages and their shooters need more time to develop in order to seriously challenge the United States in this sport.

South Africa is on a par with the U.S. and is the real competition with us. Would there have been a different World Champion if South Africa had been permitted to compete? I don't know, but I will bet that there would have been many S.A. names in the top 16 men and top ladies.

In an attempt to assure competition with South Africa the World Assembly voted to try to hold a major championship every year, and a World Championships every three years. Here is how it will work. 1989 European Champs, 1990 World Champs Australia, 1991 South African Invitational, 1992 Euro Champs, 1993 World Champs. etc. This would mean that a World Championships would be hosted every three years instead of every two.

South Africa is planning on holding a major championships for MASTER and A class shooters just prior to the European championships in

August 1989. They hope to attract top U.S. and other nations shooters so that they can have a major competition against the world best sooner than 1991.

They even plan on making arrangements for hunting and touring for those that are interested.

You Master and A class shooters drop me a line and I will start a file and let you know more as planning is finalized. **But Start YOUR PLANNING NOW! BELIEVE ME YOU WILL HAVE A TRIP OF A LIFETIME!**

NOTES ON THE WORLD MEETING

The world meeting went about as expected, with some positive surprises also included. The U.S. Proposals to add Roberts Rules, and establish a Policy Committee within the I.P.S.C. constitution went down to smashing defeat when J.P. Denis voted 8 European proxies negative on both issues. However all was not lost.

They did establish a committee to submit suggested operating rules to the body rather than adopt Roberts Rules. The U.S. and Canada are on the committee chaired by the U.S.

J.P. Did appoint me head of a Policy committee to make recommendations to the assembly. Duties of the policy committee are as specified in our proposal. He left it open as to the constitution of the committee.

Continued Page 36



N.R.O.I.

by Steve Herberth, Dir.



As I write this the best practical shooters in the world are gathering in Caracas Venezuela for the World Championships of Practical Shooting, Better known as World Shoot VIII.

When Freddy Boulton, the Venezuelan R.D. said he would host the next World Shoot he started a very difficult task that is culminating Sept. 8-18th. A big job yes, but Freddy was not alone. He had help from many quarters. Not the least of which was the full support of the government of Venezuela. The numerous ranges at Fuerte Tiuna put at his disposal is just a small example of the total support from the Ministry of Defense.

When Freddy approached me in Orlando two years ago and asked for my help I too did not realize the scope of what was facing us. Following the suggestion to include RO's from around the world on the staff we invited highly qualified RO's from around the world to Caracas.

Following my second trip to Caracas in January we sent out the invitations and we received quite a good response which resulted in a truly International Range Officer Staff with representatives from 9 Regions participating.

This trip also resulted in the drafts of our proposed Course of fire. We were ambitious and submitted more stages than we thought would be approved. Our proposal received formal sanction on May 4th. All stages submitted were approved by



Mr. Denis with a few minor changes.

Next step was to figure out where to put them on the 14 available ranges at Fuerte Tiuna, and at MAGNUM Indoor range. We finalized that task in early June and a match description containing general information was completed for release to the Regional Directors.

Planned courses and RO staff are:

Stage 1, Field, Lorne Rowe, Guyh Deloye, Gary Wright.

Stage 2, Field, Seth Nadel, Mark Soulier, Don English.

Stage 3 & 4, Speed, Barbara Sumrall, Rosie Rosel, Kevin Winters.

Stage 5 & 6, Speed, Ray Simar, David Burke, Linda Gilbertson.

Stage 7 Egil Smestad, Franco Russo, Doug Smith.

Stage 8-10-11-12, Speed Delores Preston, Lorrie Paxon.

Stage 13, Field, Charles Wieder, Sharon Wieder, Bob Thomson.

Stage 14-15, Speed Chris Wessles, Graham Lewis, Librado Vicente.

Stage 16, Speed Jose Vales, Ramon Coral, Hector Escobar.

Stage 17-18-19-20, Speed, Freddy Becker, Ramon Domaoal, Don Broomfield.

Stage 21, Field, Rich Strahs, Roman Lash, Rick Stone.

Stage 22-23, Speed Chris Edwards, Mark Studer, Ron Bingham.

Stage 24, Mike Hargraves, Denver Coleman, Dave Gould, Mike Hargraves jr. Cal Barnlund, James Ingram, John Daskalos.

Stage 25, Standard, Manuel Suarez, Douglass Chemello, Jim Welsh, Alicia Rincon, Craig and Cheryl Hulings, Matthew Fox.



(Stanford photo)

Dave Arnold & Lloyd Harper "On Duty."

The rest of the WS VIII Range Staff was: Dave Arnold, Lloyd Harper, Pete McCuskey, Doug Yanak, T.M. Gardner, acting as "Problem solvers". Enrique DeMajo of Venezuela served as special assistant to the Range Master.

Editors Note: A number of changes to stage numbers and staffing were required at actual running of the match due to South African RO's not being allowed into Venezuela to participate.

Front Sight

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Geoffrey Steer, *Guns & Ammo Magazine*

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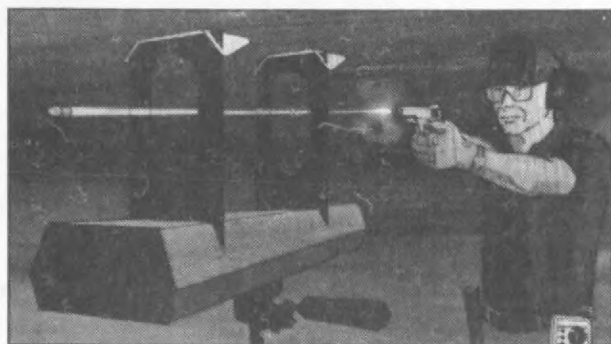
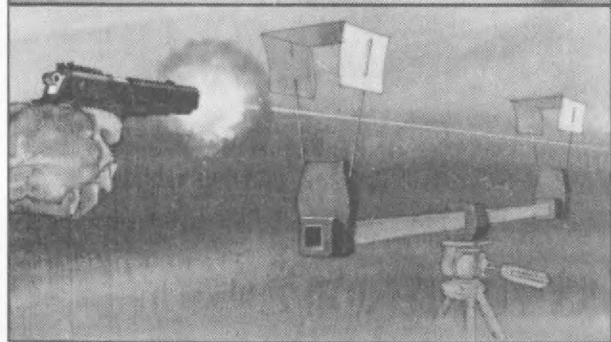
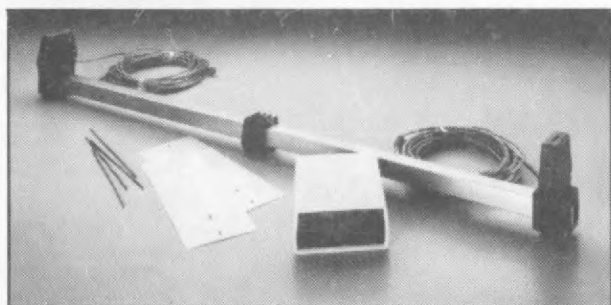
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Rick Jamison, *Shooting Times Magazine*

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U. S. SHOOTERS SWEEP WORLD CHAMPIONSHIPS

ROB LEATHAM AGAIN WORLD CHAMPION

DEBBIE JAMES, FIRST U.S. LADIES WORLD CHAMPION

The United States contingent swept to a formidable victory both in individual honors and in the Men and Ladies Team positions at the World Championships of Practical Shooting.

The championships, held in Caracas Venezuela Sept. 12th. thru 17th. 1988, were hosted by the Liga Nacional De Tiro de Combate (Venezuela National Shooting League) with a great deal of assistance from the Venezuelan government both in the form of financial support and in manpower at the stages. There were at least 4 Auxiliary Range Officers from the Venezuelan Military at each stage of competition.

Most of "The Match" was held at the Fort Tiuna military range. This facility is the finest I have ever seen; with about every imaginable convenience you could wish for. There was bank after bank of turning targets set up for bullseye and Olympic style competition that was easily adapted to our targets.

There was an indoor stage held in low light conditions at the MAGNUM indoor range, owned by Freddy Boulton. This facility is the LARGEST and best equipped indoor facility I have ever had the pleasure of competing in. All facilities were very well done and in good taste.



Opening Ceremonies-World Shoot VIII

Stanford photo

The low light stage consisted of a house clearing with five rooms and three doorways and one window to shoot through. Each room had moving targets that either disappeared or were covered by No Shoots VERY shortly after you opened the door.

There was a well marked threshold at every door, raised above the cement floor. A number of shooters who just charged in came away complaining of being caught by "foot faults." I heard a lot more praise than complaints of this stage, and for many it was the highlight of the match.

Of the 26 stages of the match only two were thrown out due to bad weather, and poor design; many of the stages were considerably different than the diagrams provided. In a shoot of this magnitude, with the necessity of printing course diagrams before all the kinks are worked out, changes are to be expected.

Many of the changes to the courses made them into "SUPER" that is high capacity, major caliber contests. Originally designed, the courses did not favor one firearm over

another but last minute changes did not keep this concept in mind. Many competitors felt that dropping a target or two, instead of going for the "most rounds possible" would have made it a better match.

Overall it was a **successful match**. Many problems, including language barriers, rain and wind, lack of coordination at the start, were successfully overcome.

There was a good mix of speed matches and field courses and most were pretty straightforward.

targets through one of several windows, into two rooms, move down a corridor through a door and fire out a window at two moving targets. He then ran to a barrel and engaged a target and popper set into the hillside from behind a barrel.

This stage spelled disaster for Rob Leatham. On the second day of the match while reloading during this stage his slide went forward and the firearm discharged.

He was immediately stopped. His gun was retained for evidence, and



L-R: Doug Evancic, John Sayle, Bill Rogers, John Dixon & Frank Garcia.

Much of the credit for the success of this match goes to the great Range Officer crews from around the world, and their determination to "make it work." "My hat's off to all those who gave of their time and talents to make World Shoot VIII successful.

One of the toughest six round "speed shoots" required a head shot at 25 meters, tucked just over the shoulder of a no shoot. Many a good shooter slowed down on this one.

Another "House clearing" exercise stage 6 had the shooter engaging

on subsequent testing malfunctioned three more times when the slide went forward. This resulted in no score for this stage. Instead of a DQ for the entire event.

No one felt that after zeroing a heavy stage like this that Rob Had a chance of winning, including Rob. Well the Road Warrior again proved everyone wrong. He never quit and went on to shoot to the best of his ability at every remaining stage. When the results were tabulated Rob was again **WORLD PRACTICAL SHOOTING CHAMPION, for the third time!**

TOP TWENTY AT WORLD CHAMPIONSHIPS.

1. **ROB LEATHAM, U.S.**
MATCH WINNER
2. CHIP McCORMICK, U.S.
3. JOHN DIXON, U.S.
4. JERRY BARNHART, U.S.
5. FRANK GARCIA, U.S.
6. GARY HALTMAN, S.A.
7. ARNT MAGNE MYER NORWAY
8. JAKE KEMPTON, U.S.
9. DOUG EVANCIC, U.S.
10. BRIAN ENOS, U.S.
11. M. PLAXCO, U.S.
12. TOM CAMPBELL, U.S.
13. BRIAN KILPATRICK, AUSTRALIA
14. ANGELO SPAGNOLI, U.S.
15. ROLAND BARASITS, AUSTRIA
16. STU MULLINS, U.S.
17. DOUG KOENIG, U.S.
18. RUSS JAMES, U.S.
19. ARMANDO VALDEZ, U.S.
20. BILL ROGERS.

TOP LADIES

1. **DEBBIE JAMES, US.**
LADIES CHAMPION
2. JUDY SMITH, U.S.
3. INEZ BEHRENDT, S.A.
4. CHRISTIE ROGERS, U.S.
5. KERRY LATHWELL, CAN.
6. ROBERTA GEER, U.S.
7. TAMMY MADIGAN, U.S.
8. LORNA PAVLEKA, CAN.

TEAM RESULTS

?(finals unconfirmed)

1. UNITED STATES
2. AUSTRIA
3. BRITIAN
4. PHILIPPINES
5. SWISS
6. BELGIUM
7. VENEZUELA
8. ALEMANIO
9. AUSTRALIA

MENS SHOOTOFF

JERRY BARNHART, U.S.

LADIES SHOOTOFF

INEZ BEHRENDT, S.A.

PIC'S FROM WORLD SHOOT



Roberta Geer, Tammy Madigan,
Cristina Benitez-Ecuador

Stanford photo



Relaxing after the match: Dave Stanford & Rob Leatham

Stanford photo



Kerry Lathwell & Roberta Geer in Shoot-off. Lori Paxon, RO

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Craig & Cheryl Hulings RO's on the
Standards

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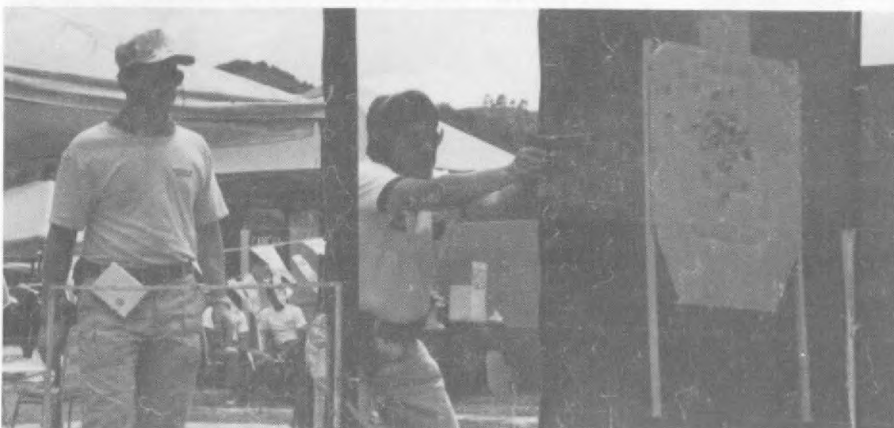
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Bill Rogers on Stage 1. Lorin Rowe & Gary Wright RO's.

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Joey De Los Santos on Stage 10.

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Mark Hargraves, Jr. and member of the Swiss shooting team on Stage 24. Yes, that is mud and Yes, most shot barefoot.

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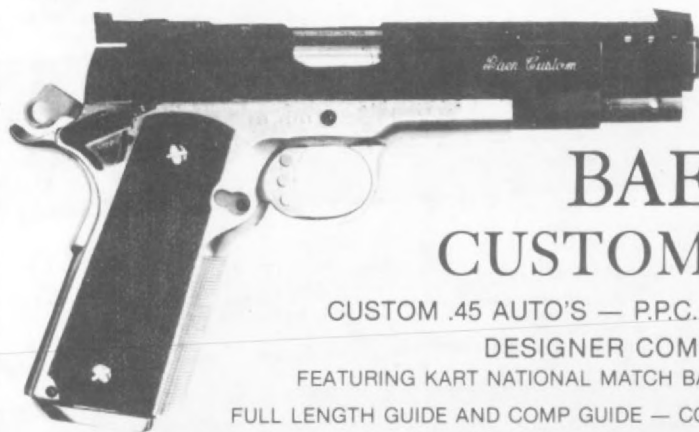
Philippine team at opening ceremonies.

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And then there were the meetings!!!

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Rob Leatham & Tom Campbell "I am NOT standing on Jerry's box!"

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Dave Stanford presenting match director Jesus R. Vargas with memento. Michael Cerda (Future World President?) Acting as interpreter.

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Ronald Bakhulus, Ernie Villarino, Marilyn Stanford, Stanley & Jose Montoya.

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THE MASTERS TOURNAMENT

by Doug Alexander
Grand Cayman BWI

It was a long trip from the Cayman Islands to Barry, Illinois, but it was certainly worthwhile. I had first heard about the Masters Shoot in 1986 at World Shoot VII where I ran into George Hood of Smith and Wesson. He described the then new concept of trying to find an all around champion pistol shooter...one who was equally versed in the various disciplines of action, precision and long range.

I learned more about the match later as I read various accounts of it in different shooting magazines. It sounded like a lot of fun as well as being a terrific challenge and I decided to give it a try someday.

Well 1987 came and went and at the time, business commitments seemed more urgent than a shooting trip, so I only got to read about it again that year. Naturally, I kicked myself for not going and determined that for sure 1988 would be the year that I'd make the Masters.

My resolve received a boost in January when Dick and Denise Metcalf of PASA and Dave and Marilyn Stanford of USPSA visited Cayman. They spoke to our club about IPSC shooting in general and were extremely enthusiastic about the tremendous support the Masters was receiving. I could hardly wait for August.

Several of us started practicing in anticipation of the trip. Not having ready access to the latest in shooting technology, we shot what we had.



Grand Master Ken Tapp

In my case this meant a vintage Ruger MKI .22 belonging to our club, which had digested uncounted thousands of rounds ranging from Mexican and Yugoslavian junk to Remington and Eley target loads, a 14 year old .45 with a reasonably new Clark top end and a 7 1/2 inch Ruger Super Blackhawk in .44 magnum.

I put a Clark rear sight and trigger in the .22 and bolted a Leupold 4X scope on the .44 mag. I worked up a load of 23.5 grains of 296 behind a 240 cast SWC from Phelps bullets of Orlando for the .44, and loaded 5.7 grains of 231 with a 180 cast Phelps bullet for the .45. The .22 got to shoot Remington target loads, because that's what we had in stock.

August finally arrived and two of us made the trip, myself and Sergeant Leslie Franklin of the Royal Cayman Islands Police. Les was shooting a borrowed Ruger MKII worked over by Clark, his .45 IPSC gun from Continental Gun in Miami, and a borrowed Remington XP in 7mm BR with a 2-6X Simmons scope that had arrived only six days before our departure.

The trip was un-

eventful, if long and we got to see more than we wanted to of Miami International and St. Louis airports. Finally catching a small puddle jumper from St. Louis to Quincy, Illinois, we arrived tired and too late to attend the welcome party at about 11 pm. Despite all the delays enroute, all of our guns and gear arrived safely on the same plane we did. A big thank you to Cayman Airways and TWA for that.

The next day saw us making first of many 30 mile treks south to Barry and the PASA range. Southern Illinois was still in the midst of a long dry spell and the corn and soybeans looked a bit wilted. It stayed in the high nineties and clear just about the whole trip. Coming from the West Indies, we felt quite at home, though I guess some of the other competitors from colder areas didn't really appreciate the heat.

Upon driving into the PASA area the first flag we saw at the entrance was that of the Cayman Islands. Nice touch Dick. The range has been described as a shooting park. That's like calling Disney World an amusement park. What tremendous facilities. In addition to the various match areas, the one we most appreciated was a hot practice range. It gives a certain feeling of comfort to be able to check your sights after two thousand or so miles of airline baggage handling. In our case, it was a definite necessity.

All of the guns we had brought including a scoped Ruger Mini 14 for the rifle match, were in need of some sight

Continued page 16 Front Sight

America's two hottest shooters see eye to eye on only one thing:

THEY BOTH SHOOT SPRINGFIELDS

Rob Leatham and Jerry Barnhart are as different as two winners can be. For instance: ■ Jerry's not a big guy, but he used a Springfield .45 ACP to win the '87 Steel Challenge, and to smoke the field at the '87 USPSA Nationals. Although Rob's big and burly, he used a smaller caliber Springfield .38 Super to blaze his way to victory in the shootoffs at the '87 Steel Challenge, the '87 Bianchi Cup and the '87 USPSA Nationals. ■ Rob's a veteran, with four USPSA National Championships, two IPSC World Championships, and a Triple Crown win to his credit. Jerry's a relative newcomer to the pro circuit, but he's already become one of America's pre-eminent pistoleros. ■ On the firing line, Rob is cool as a cucumber. Jerry is the picture of intensity as he psyches himself into his shooting stance.

Differences aside, there's one thing on which Rob and Jerry do agree: To be the best, a shooter must use the best. That's why they're both shooting Springfield 1911-A1 pistols again in 1988.

They're not alone in their choice. In 1988 as in 1987, perennial winners like Brian Enos, Mike Plaxco, Chip McCormick, Wayne Bowker and Ken Tapp will be using Springfield pistols as members of Team Springfield's "A" team. And, America's most prominent master pistolsmiths are now building more custom Springfields than any other major brand.

Just how well did Springfield pistols perform in '87? Great! But this year, we'll do even better. Watch the results of America's most hotly contested competitions. You'll see more and more champions winning with Springfield pistols, and fewer and fewer shooting the has-beens and never-weres. Let's face it: You can't argue with success. That's a fact on which we all agree.



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Masters continued

adjustment. If we hadn't had this opportunity to check zeros we would have been seriously embarrassed subsequently.

My second Important Lesson occurred the next day when I found that a single action .44 magnum revolver sighted at 100 meters (the maximum available range at home) is not the ideal gun for the long range event at the Masters. On the two hundred meter targets I felt like I was shooting mortar!

Les was somewhat better equipped with his borrowed XP. Next year I think I'll use his gun.

The action match was a lot of fun and I only missed one plate. You think you can't miss one of those huge plates at twelve meters, but I'm

here to tell you, Important Lesson number three...Front Sight! I thought I'd done pretty well till I watched guys like Enos, Leatham, Plaxco and Barnhart hose them down. The great thing about the sport though is that anybody can become good with enough determination, practice and ammunition.

Precision went pretty well, but those little 1.7 inch targets at 50 meters are tough to hit, at least all mine were. I was happy with my Ruger and its iron sights in this match, but was painfully aware that to give Alan Fulford a run for his record of 27, I'd have to practice with it a lot more.

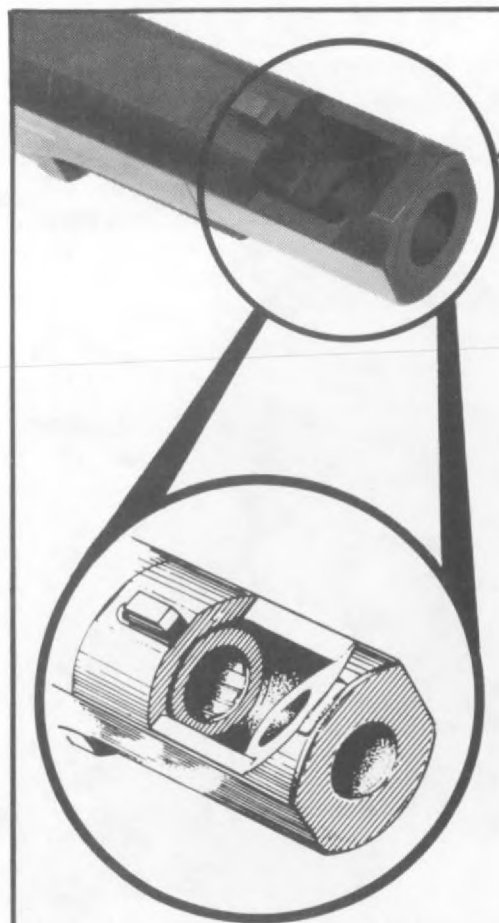
The rifle and shotgun matches were great fun and I was amazed at some of the equipment I

saw. We felt adequately equipped with our borrowed Mini 14 and 870 riot gun. I got a real kick out of watching one fellow demolish the plates on the rifle range with an iron sighted GI carbine.

A word is in order about the people who organized and ran the match. They were absolutely super. From the R.O.'s at each stage who were calmly professional and helpful to the folks who cooked those delicious pork chop sandwiches I ate every day for lunch, everybody was wonderful. There must have been five or six hundred "support" personnel involved.

A big round of thanks is due to all the scouts and their leaders who set targets too.

Continued next page



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Those guys ran their tails off in the hot sun and kept every thing on schedule. It's not too tough to just show up and shoot a match, but to organize something this size that well is a tremendous undertaking. Well Done!

A part of the match that I particularly enjoyed was meeting shooters from other places. We got to know Dave Wood from New Zealand and Mauricio Freir and Ricardo Fayet from Brazil.

I also particularly enjoyed meeting and talking with John Pride who is a real gentleman as well as a first class shot, Bert Geer, who shoots as nice as she looks, Jerry Barnhart, Mike Plaxco and Robbie Leatham. I also got to know Robbie's mom Carol,

who is pretty neat and Frank and Jody Glenn from Arizona as well as Chris Englert and Chuck Copeland from Texas and Tom Soucek from Alaska. I guess I could sum it up and say I didn't meet a shooter I didn't like.

One of the great strengths of this sport is



High International at Masters: USPSA member Doug Alexander

the camaraderie shared by its participants. It transcends national and political boundaries and is one of the main reasons I'll be back next year.



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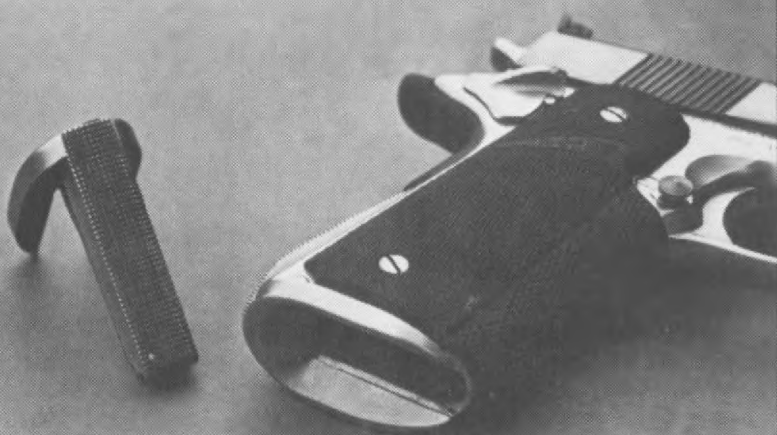
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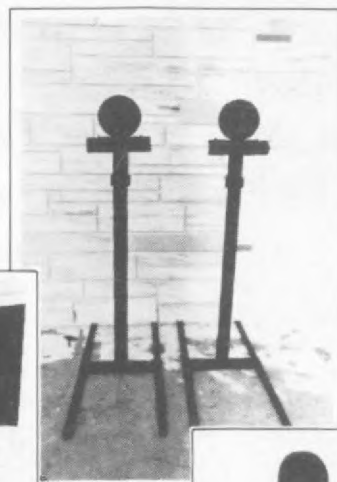
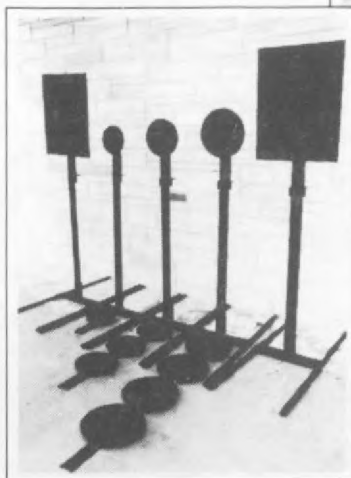
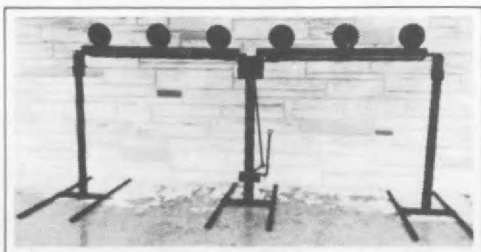
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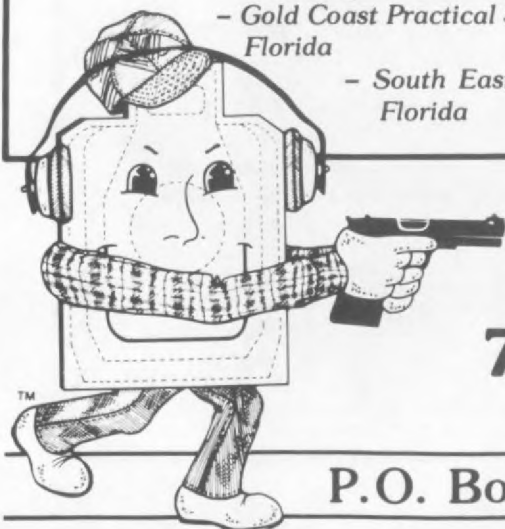


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HOW HEAVY IS MY BULLET?

by Douglass M. Renfrow
A-2405 Sherwood, Oregon

Once upon a time there was a Practical Pistol shooter who I will call "Joe"; at a large Practical Pistol match, at a range which will remain nameless; in a state, which shall also remain nameless, because of the knowing of them would contribute nothing to this article.

Anyway, where was I? Ah, yes, Joe. Well, it came time for Joe to have his loads chronographed. His velocity seemed fine, but then the range officials pulled a bullet from a round and weighed it. Joe was claiming a 200 grain bullet, but the scale showed a weight of 193 grains, which I may add here, put him down to minor power.

Thankfully, I am not Joe, but Joe is my friend, and I can tell you now that he is of honest fabric. Well, Joe was fit to be tied, but the true sportsman that he is, he maintained his composure.

He discussed with the officials the fact that he had purchased 200 grain bullets from a manufacture - who shall also remain nameless, and many thoughts and ideas were tossed around.

The officials, fair chaps all, decided to weigh the last available round in the bag. Alas, it weighed only 196 grains, which left Joe two feet per second short of major power. Although Joe didn't like it, he accepted it in true sportsman-like fashion, but he was still upset.

Now, some of you might say that Joe should

have put in more powder for insurance, or that he should have weighed his bullets. Well, he was sure he had enough powder, he always had before; and, he had no reason to weigh his bullets since he had no problems up till now. At any rate, he trusted what he had used a hundred times before, but this time they failed him.

Anyway, back to me. I had a lot of questions wanting answers, and a few theories wanting questions. You see, as I knew Joe to be honest, and the match officials to be fair, still something wasn't fair.

What is the reason for pulling a bullet? Is it to catch the cheaters? Is it to find the exact bullet weight?

If it is to catch cheaters, who makes a .45 ACP 193 grain bullet mold? You could make one I suppose, but why? If on

the other hand it is to find the exact bullet weight, why? Because fairness was the object, and fairness was satisfied. At least at this match.

Well, if some of you have had a problem like this, or if you know someone who has had a problem similar, read on, I just might have an answer.

Let's go back to Joe. He has purchased 200 grain bullets that actually were from 193 to 200 grains. Joe found out later that because of the demand for harder bullets, this particular manufacturer had added more alloy to his lead. It made the bullets harder alright, but it also makes them lighter -- too light.

Now you might say that all you have to do is weigh all your bullets and













Continued page 21

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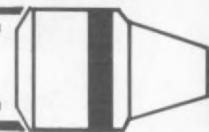
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Heavy Bullet Continued

adjust your powder charge to compensate, or use a 210 grain bullet and claim 200 grains. But why? For me, if I buy a 200 grain bullet, I expect a 200 grain bullet. After all, that's what I'm paying for. It makes no difference what calibre you use, or what weight bullet you use. You could have the same problem one day that Joe had. Poor Joe, unknowing and unsuspecting was he, and it cost him the match, or at least a part of it.

Yes and now I am sure that I have kept you long enough from the answer that you are indeed curious. Good!

We could go back to the softer bullets, except that we now have hard cast bullets favored by most shooters because they did not like cleaning lead out of their guns. It is a time-consuming job for the shooter on the go, I'll admit; and, let us not forget that many believe that the hard cast bullets are more accurate.

I am satisfied with my bullet maker, because while his bullets are hard cast, they have not yet weighed less than 199.9 grains. After a thousand rounds or so, I fire a 2 or 3 JHP rounds through my gun to clean out what lead there is.

The main answer is to this weighty problem is, in my opinion, to insure that the bullet makers not only put out hard cast bullets, but also bullets that do not weigh less than the proclaimed weight. How to do this you ask? Simple, stop buying bullets that don't measure up in both weight and hardness.

It is a simple matter to either hone out



the base end of the bullet mold one thousandth of an inch, or buy new bullet molds that measure up to making the bullets that the shooters want. Believe me when I say that it is a world of supply and demand. What we demand, they supply, or we buy elsewhere. There will always be someone who will make what we, the shooters demand.

So there you have it. Simply demand the hardness and weight you want, or take your bullets back to him and buy elsewhere.

It is not the rule in the rule book to attack, nor is the range officials. Both are trying to provide fairness. For, without fairness, we have no sport. Therefore, it is now incumbent upon the bullet makers to supply

what we want, or we buy elsewhere. Sorry to put the **WEIGHT** on your shoulders fellas, but something must be done, and I say that with no malice intended.

For those shooters who must use what they have for now, I suggest you weigh a bunch of bullets and make your powder charge for the lightest of these. Good luck, and good shooting.

And, good night Joe, where ever you are. DVC

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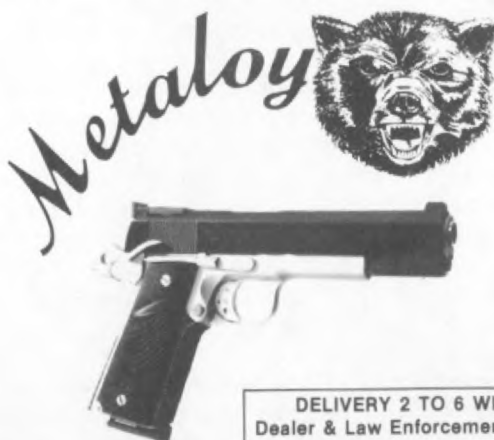
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NULINE GUNS P.A.S.S. SUPER X-1 CONVERSION

by Wayne Berquist, L-180

Practical Shotgunning is a growing sport and as it grows we begin to look for the "RIGHT" shotgun and a good gunsmith to customize it so that it meets our needs. Such was my search recently.

I wanted a dependable shotgun that would perform any practical shooting task I asked. I didn't know where to begin. In need of expert advice, a call went out to world competitor, champion and friend, J. Michael Plaxco. I knew Mike's requirements in a shotgun would parallel mine.

My question to him was, "Mike, what do you shoot for a competition and defense shotgun?" With no hesitation in his voice his reply was "A Winchester Super X-1 12 ga. built by Nu-Line Guns of Harvester, MO.

My first reaction to this was, why would a top world competitor shoot a discontinued shotgun?

Mike went on to explain that the Win. Super X-1 is made of all steel machined parts. "They'll give a lot less wear and tear with heavy loads and continuous heavy recoil over a longer period of time than a gun with cast and stamped parts." It will hold up where most other shotguns fail, and reliably handles most any ammo you put through it. Also, the Super X is, by design, a lighter recoiling gun.

With these factors in mind and the expert talents of Nu-Line Guns, it's a winning combination no matter your intended use of the Super-X. It's

also being used by World Champion Robbie Leatham, National Champion Jerry Barnhardt, Brian Enos, Mike Dalton and many other well-known competitors.

Too good to be true? A gun that will hold up to a lot of use, lighter felt recoil and will shoot most any ammo without fail, and someone who knows how to customize it. I have seen a lot of home gunsmithing jobs on shotguns with their "bolt on" accessories. Some work, some don't. Generally there is a high percentage of parts breakage and malfunctions with these guns.

Since my conversation with Mike about a year and a half ago, Nu-Line has built 2 Win Super X's for me, and are presently working on a third one. They know what they're doing with the Win Super X. The third one will be in my hands forever. The other two are in the hands of two shooters that needed a good shotgun.

The first Super X built at Nu-Line was by their service manager, Gary Robison in 1983. Without his help the information in this article wouldn't be as complete.

Gary's experience in hunting, trap, and skeet convinced him that the Super-X was an ideal basis for the all purpose shotgun. So it became the basis of the Nu-Line, P.A.S.S. shotgun. (Practical All Purpose Shotgunning System.)

Nu-Line is first of all a full service custom shop, so, the P.A.S.S. built on your Super-X will be built with what you want done, you can have



Porting system & clean line of choke installation. Bergquist photo

the whole package or just pick and choose.

When your gun arrives, they take it completely down and all parts are checked for wear and that they meet factory specifications. Then they start work.

The shell stop is altered to insure proper functioning with an extended magazine tube. This will also keep the gun from having a rare double feed. The hammer spring and the action spring that closes the bolt are replaced.

The action spring follower is about the only wear part in the Super X-1. It is made of an aluminum alloy and has a life expectancy of approximately 10,000 rounds, in many cases it also is replaced.

The operating handle on the bolt, like the Remington 1100 and others is held in place by a ball retaining pin. Once in a while a shooter has gone to open the bolt only to find it no longer there.

It does happen and a problem no shooter needs. The operating hand is fitted at the factory in most cases so that it can be removed with a pull from your fingers. Nu-Line modifies it so that you'll need a good set of pliers to remove it.

Continued page 24

Front Sight

Great Plains Sectional Championship

by Earley Smith A-5959

On August 20, 1988 the first annual "Great Plains Sectional Championship" was held. The match was hosted and ran by the Mid West Combat Pistol League (MWCPL), believed to be the second oldest combat pistol club in the U.S., near Omaha, Nebraska.

The courses of fire were challenging and interesting to say the least, including CM88-7 Close Quarters Standards from the latest classifier courses. The Match Director/Designer Emery Emond, did a fantastic job on designing and coordinating the entire match. Thanks to Emery, the match ran smooth with no problems.

Course #2 "Backyard Blast" started out with the shooter seated at your picnic table sipping lemonade (weapon on table) when a group of thugs invades your backyard. You immediately engaged two targets directly in front of you, then you had to go prone to engage a target hiding under your car. From there you had to run a little down hill to the mail box for three more targets. Then back up hill to your car for cover, and engage five more targets hiding in the garden and in and around the garage. This course required agility with speed to get to all the positions.

Course #3 "Swabbies Great Escape II" was a challenging course that made the shooter really think about what was coming up in addition to what was going on. You started out standing at a bar with a sodapop in your strong hand.

November/December 1988



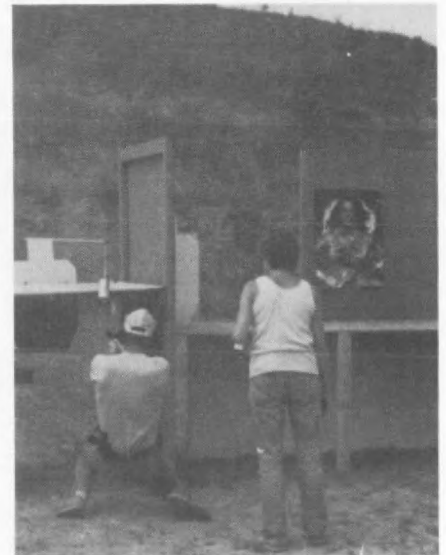
Gary Spahn & Jim Kauzlarich

M.L. Young photo

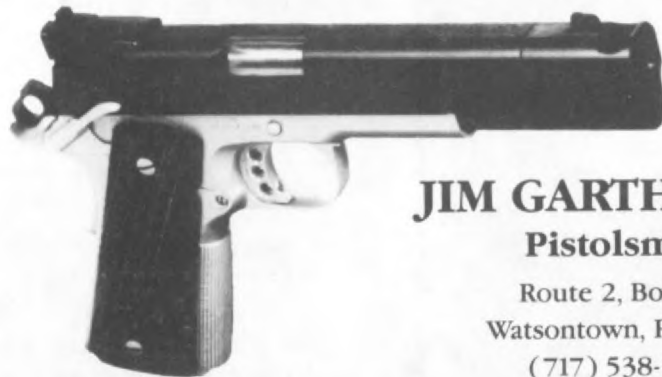
At the start you had to draw and engage two more targets, one above in the booth and one through a low, low port hole. Then to open a door with two more targets, one stationary and the other swinging with the mover only visible half of the time and then partially hidden by a noshoot. Around the corner were three pepper poppers and three more targets. Down the hall to a window where there was a target and a plate, then further down the hall to one last target and the stop plate.

If all this wasn't enough, there were lots of no-shoots that could really get in the way if you weren't thinking about what you were doing.

The match saw Rick Byfield of Kansas City with the Overall win and top Master. In Second Place was Rick Harper from Glenwood, Iowa and member of MWCPL, followed by Dwight Stearns of Winterset, Iowa and Mike Easton of Kansas City. All the scores were very close and nobody really knew who was the Champion until they were announced at the awards ceremony.



Early Smith on Swabbies Revenge. CRO is Shari Freer. Freer photo



JIM GARTHWAITE
Pistolsmith

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NuLine Guns continued

Gases that go through the short stroke gas system of the Super-X have a very high temperature with every shot leaving a residue.

Over a period of time this residue will build up and corrode the gas system. Nu-Line goes in and gives it a thorough cleaning. They replace the mag tube with a stainless tube of their manufacture. The rest of the metal gas system parts are treated with a rust resistant finish, applied in their shop. Too much oil on the gas system parts can get you into trouble. The trick with the gun is oil only enough to keep the rust away.

In the gas system there is a saddle that is spot welded on to the operating piston sleeve. It contains the piston rod that strikes the bolt and knocks it open. These light 8 spot welds have been known to break and in some cases all 8 welds break loose leaving you with an inoperative shotgun. Nu-Line corrects this by completely welding the saddle to the piston sleeve.

The shell carrier is then modified for speed loading. The rear edge of the carrier is beveled so that the rim of the shell won't hook or hang up on the rear of the carrier during critical loading. The carrier is shortened so that it can be depressed without having to cam over the shell in the tube. This can save time and ease reloading under pressure. You don't have to push down hard on the carrier to insert a round into the tube.

Over the years of production the Super-X has had three trigger systems;

the last being the best. The early types had adjustments for forward and rearward free travel.

These adjustment screws can work loose and lock up the trigger. Nu-Line has found it best to install the more recent third trigger parts when doing a trigger job. They hone and polish the parts, install a trigger stop to come up with one of the best 3 1/2# triggers I have ever felt,, clean and crisp.

The recoil of a stock Winchester Super -X is the mildest I have ever fired. Nu-Line reduces the felt recoil even further by matching their Bridge Porting into the barrel. The ports are in a single row, on each side of the barrel with a rearward cant to push the muzzle down and forward.

The ports are longer than other types of porting, giving a longer thrust time of the gases through the ports, resulting in less felt recoil and helping keep the muzzle down on target.

Nu-Line, once again goes that extra step in order to cut down on felt recoil, with the installation of a C&H Mercury Recoil Suppressor.

These suppressors are known in the trap and skeet fields, and very effective. Mercury, being one of the heaviest elements, provides 6oz. of movable weight, to counteract recoil. The mercury is permanently sealed in a tube, made of steel bar stock, installed in the butt stock. The butt of the stock is then cut to your length of pull or spacers added to



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CONGRATULATIONS TO THE FOLLOWING SHOOTERS and THANK YOU for your continued input and use of Nu-Line built guns:

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---	--	---

ASK Mike Dalton—Mickey Fowler—Gary Robison—Jerry Barnhart

WHO'S GOING TO BUILD YOUR NEXT GUN?

lengthen it, and a recoil pad of your choice is installed.

Proper fit of the stock is an important fact to face when dealing with recoil and one not to be taken lightly.

The Super-X, by design, is a light recoiling shotgun. With the porting machined in, the C&H mercury tube, stock cut to the right length, and a good recoil pad installed, the recoil is so mild that even slugs are fun to shoot. I don't mean just 5 or 6 shots. When was the last time you went out and shot 50 slugs in 30 min., with the Nu-Line Super-X you'll most likely run out of slugs before your shoulder gives out.

Nu-Line has 8 and 10 shot mag tubes standard with their system, but will make them length the shooter wants. Yes, they make their own extended tubes. They also offer a weighted extended tube for those that would like the extra weight to further reduce felt recoil.

Nu-Line is at the top in the field in chokes also. They have come up with their own choke tube system that is as good if not better than most. A lot of research and development went into it's design. The choke system installation tooling is in use in over 45 gunsmith shops around the country.

The barrel is threaded on the inside to accept the 2" long choke tubes, no special tools are necessary to install the tubes into the barrel. I have found that a quarter works just fine to screw the tube in that last 1/4" and get it tight.

The Hunter Series

Continued next page

November/December 1988

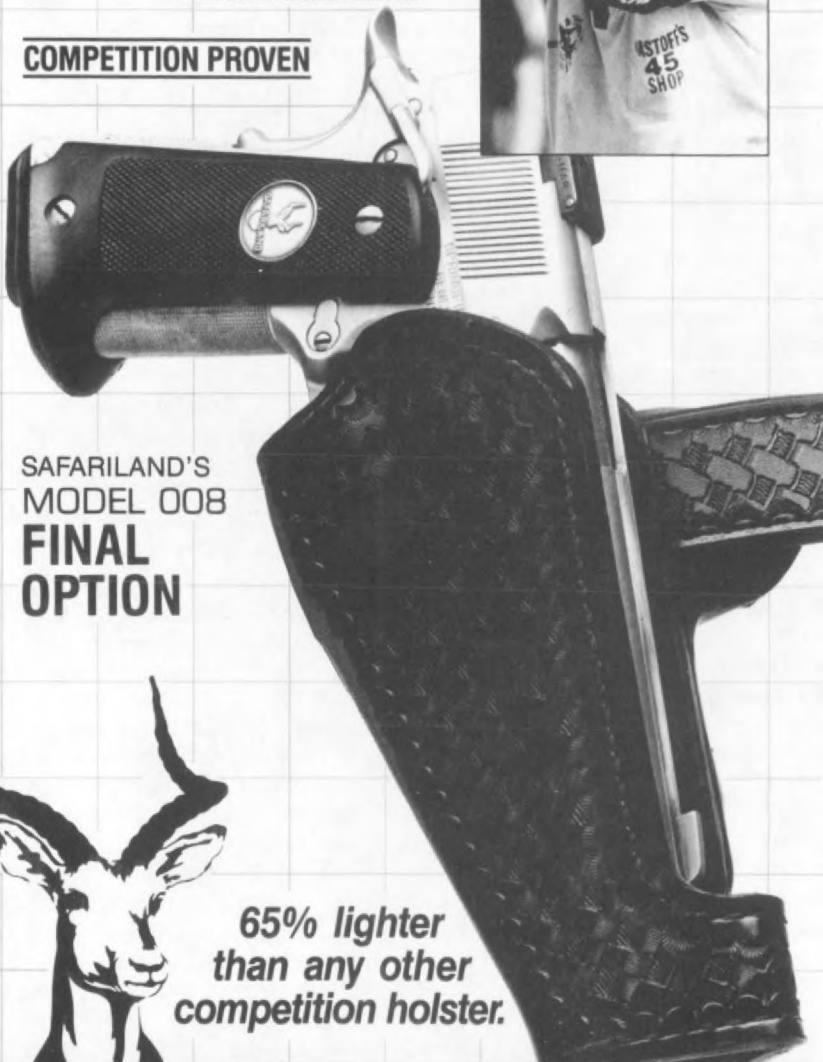
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NuLine Guns continued

Choke Tubes come in 11 different choke sizes, cylinder to XX full, enough choices to suit anyones needs.

For those of you that have other manufacture choke tubes on hand, such as the Win-chokes, Nu-Line can attach an adaptor sleeve to your barrel so that you can use the tubes you already have, on both guns.

Sights on a shotgun, some like them some don't. Nu-Line prefers to install the Williams ghost ring receiver sight to their P.A.S.S. shotguns. The debate goes on but, I have found that I can pick up the target just as fast with the ghost ring if no faster, than with out it.

The real advantage is when you start shooting buck shot and slugs. It's fast and gives very good accuracy. Nu-Line will install Remington slug sights on plain barrels if you wish or mounts for scopes and other optic sights.

Nu-Line offer a couple of other options that you may find to be helpful in some shooting situations. Such as their over-sized carrier release button. The 1/4 X 1/2 X 1-1/2" button is attached by drilling and taping the factory button and installing the new over-sized button with a screw. It can be a time saver during speed loading.

Nu-Line also has a safety lever that replaces the safety button. It works basically the same as the safeties on the M-14, M-1-A, Ruger Mini-14 and others.

To take the safety off, all you do is pull the lever rearward with the trigger finger. Most



Lack of muzzle climb.

Bergquist photo

of the shooters who have this type of safety on their rifles, really like it on the P.A.S.S. Super-X. For those of you that prefer the standard push safety, but want a larger button, Nu-Line has that.

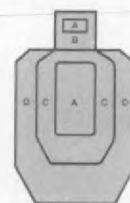
Shooting the Win. Super-X with the P.A.S.S. conversion from Nu-Line is one of the most pleasurable experiences you can have. Yes, I feel I have found the best all round shotgun I can get. The superb design qualities of the Super-X and the know-how of the folks at Nu-Line Guns, make it a shotgun that is hard to beat. It shoots any type of ammo I put in it and the recoil is so light I hate to put it down. The cycle rate of the action is faster than all the other shotguns I have fired, except the Benelli 121.

To give you an idea of some of the cost, the Hunter choke system retails at \$75. Extra tubes run \$24.95, Bridge-A-Port \$60. Stainless magazine tube installed \$34.95. A basic, functional conversion on your gun will run in the neighborhood or \$400. Write or call the folks at Nu-Lines, they are one of the most accommodating shops I have ever dealt with.

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Eastern Lakes Section Championship Pistol Match July 8th, 9th & 10th, 1988

By: Kevin Mussack
Photos by: Randy Tagg

The sound of gunfire was heard for three days this July as 89 shooters from the United States and Canada competed for the title Eastern Lakes Section Pistol Champion.

The 1988 ELS Championship was hosted by the Geneva Practical Shooter (GPS) July 8th, 9th, and 10th at North Seneca Sportsman's Club in Phelps, New York.

Geneva Practical Shooters (GPS) is one of four shooting clubs in the Eastern Lakes Section of USPSA/IPSC.

Five demanding stages of fire combined with temperatures approaching 100 degrees in the shade made this a match to remember.

Stage one, REACH OUT, required the shooters to low crawl to each firing position and fire from the prone at targets as far away as 57 yards. What proved to one of the less popular stages saw almost half of the shooters zero out. But, Tim Brown, an A class shooter from Pathfinder Practical Shooters, raced under the knock-off bars and fired a score which placed him 23% ahead of the next closest shooter.

Rumor has it Tim was firing laser guided .38 Super projectiles developed expressly for this stage.

Stage two, THE STANDARDS, required the shooter to engage three partial targets using freestyle, strong hand only and weak hand only supplied by Down Range

Dynamics of Phelps, NY.

The target system functioned flawlessly and greatly enhanced the stage. Visiting pistolsmith, Frank Behlert, set the pace by scoring 86 of a possible 90 points on this stage.

Stage three, POP & FLOP, involved five steel Pepper-Poppers and numerous shoot and no-shoot targets. When some of the Pepper-Poppers were engaged a shot target would rise from a hidden position for just a moment then disappear again. Other Pepper-Poppers would cause no-shot targets to rise up and partially cover stationary shoot targets.



Joe Salazar double tapping the one yard target at the start of Stage 5, the Combat Camp-out.
Randy Tagg photo

No order of engagement was required and the shooter was left to solve this problem his own way. Nick Alexakos, gracefully executed his plan in near perfect fashion leaving the rest of the field far behind.

Stage four, HOUSE CLEARING, was an exciting close range field course involving numerous walls,

doorways and a 2:1 ration of no-shoot targets to shoot targets. Here the shooter had to take his time, quickly. Frank Behlert added this stage to his list of wins by doing just that with a hit factor of 4.76.

Stage five, COMBAT CAMP-OUT, proved to be just plain fun. The shooter started on his hands and knees in front of a pup tent and on the signal came up shooting at targets from one to three yards away. Sprinting to a barricade most shooters reloaded in preparation for the barricade. Finally the shooter would run to and jump in a latrine pit, complete with toilet paper, and engage all remaining targets from behind a pile of sand. Nick Alexakos won this stage.

The final overall results were kept secret until the Awards Banquet Sunday night at the Waterloo Holiday Inn when the obvious was announced. Nick Alexakos was the Match Winner. Second overall and 1988 Eastern Lakes Champion was Joe Mitchell.

Nick Alexakos
Continued next page

resides in Oakville, Ontario, Canada and has been involved in practical shooting since it's inception, with many titles to his credit.

Joe Mitchell, a Canadian has won the title of ELS Champion a number of times before and resides in West Hill Ontario. Joe is a member of the Western New York Practical Pistol League and regularly competes at their matches held at the Tonowandas Sportsmans Club near Buffalo, NY.

Other clubs in the Eastern Lakes Section are the Finger Lakes Practical Pistol Club near Rochester, NY and Pathfinder Practical Pistol Club in Fulton, NY.

Eight thousand shots were fired during this match with not one fired

in anger or by accident. People from different nations and walks of life came together for three days to enjoy themselves through the sporting use of handguns. Shooters left this event saying in English, French, Spanish and Chinese, "This was a good match".

1988 E.L. SECTION CHAMPIONSHIPS

Top 20

1. Nick Alexakos
2. Joe Mitchell
3. Mario DiPaolo
4. Tim Brown
5. John Kearney
6. A. Luis Felipe
7. Alan DeWever
8. Frank Behlert
9. Andy Klenka
10. Mike Chalson
11. Al Desiderio
12. Jose Villanueva
13. Mike Johnson



It was hot enough to fry an egg on a Pepper-popper.

Randy Tagg photo

14. Pat Egger
15. Jim Fishbaugh
16. Doug James
17. Mike Lao
18. Ed Hoffman
19. Max Ball
20. John Scott

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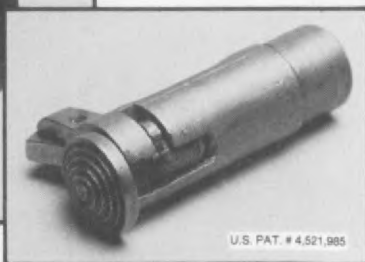
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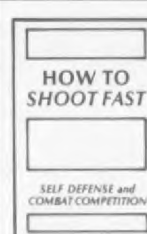
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NEW HAMMER AND SEAR FROM CHIP MCCORMICK

By: Rob Longnecker, A-2031

Sight picture and trigger control--the essential elements of all the shooting sports. The front sight flashes into place and the mind drops t h e h a m m e r .

Unfortunately, you must transmit the impulse from the mind through the trigger finger, trigger, disconnector, sear and hammer. A superb trigger job provides a clean, swift connection between the shooter's brain and primer ignition.

Outstanding trigger jobs are relatively rare, underlining the difficulty of producing one on demand.

T h e i d e a l competition trigger job will be safe, light, crisp, reliable, predictable and durable. Meeting all these requirements simultaneously is a challenge facing the 1911-style custom gun builder.

If you make your living trying to please competition shooters you may find that some trigger jobs seem to come together

like magic in a few minutes; others can require endless fiddling, parts matching, and experimentation.

Often the inconsistent dimensions found in the available sears and hammers require painstaking alterations. Sears and hammers that are made to fit with a minimum of fine tuning will put money in your pocket and smiles on the faces of demanding shooters.

New precision hammers and sears from Chip McCormick can help turn this art into a science.

The Chip McCormick Company (CMC) is making newly designed and manufactured hammers and sears that are electron discharge machined (EMD) from A-6 tool steel to exact, repeatable tolerances. The features outlined below are the result of experience, careful design and modern manufacturing techniques.

Chip reports that many pistolsmiths have been frustrated by the variation between most available sears. CMC sears, however, have consistent dimensions, sear to sear, lot to lot;

a .001 profile tolerance--the best available! If a gunsmith were to use only CMC sears, he would find that sear jig adjustments, once set, would become very small indeed.

CMC sears come in two forms, prepared and unprepared, priced differently. All CMC sears have perfect parallelism between the pivot holes and the sear tip, a relief area for half cock, the correct length, gunsmithing pads to adjust "take up" and .001 profile tolerance. Modern CAD/CAM (computer aided design/ computer aided manufacture) and the EDM process allow for tolerances many times more p r e c i s e t h a t casting/machining techniques use for traditional hammers and sears.

The prepared sear has the primary and secondary angles stoned and polished. It measures .350" to .352" from top edge of the pivot hole to the tip of the sear. This compares to the usual .345 to .347" length encountered with most sears. Shorter lengths make sub 2-3/b lb.

Continued next page

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competition triggers more difficult.

The unprepared CMC sears measure .356" -- long enough that the hammer won't cock without stoning the sear first. The extra length allows for the material you remove when you stone in primary and secondary angles. You are left, then, with an adequate length to allow for light, crisp trigger jobs.

Virgil Tripp of Tripp Manufacturing, who produces these parts, reports that the CMC hammers are designed to give a crisp, superior trigger pull with reduced over-travel.

The full cock notch is correctly located, polished and absolutely parallel with the pivot hole. The depth of engagement is .022". the edge is broken .002" for an effective .020" engagement. The top end of the prepped hammer has been narrowed from .304" to .275" to easily clear both sides of the rear of the slide and the cocking pad clears low mount Bo-Mar sights. The hammer strut hole is offset like the Gold Cup hammer. This reduces the way the force of the main spring is applied to the sear tip and hammer notches.

There are five hammer styles; four in addition to the "Nastoff" style: "Spur", "Delta", "McCormick" and Commander. All come fully prepared except for the commander style. It is less expensive and is similar to the Colt Commander hammer but with full cock notch being precisely parallel to the pivot hole. The half cock notch is unmodified; and there is no .275" clearance grind of the top end of the hammer. (Con't. next page)

November/December 1988

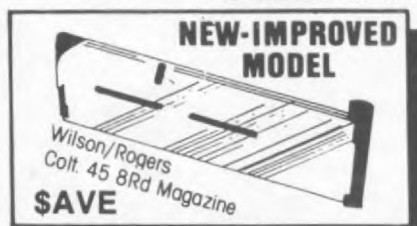
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At the heart of a great trigger job is the relationship of the tip of



New precision E.D.M. Hammer and Sear by CMC Company

the sear to the hammer full cock notches. The tip of the sear must contact the two notches equally. If contact is not equal there is a tendency for the hammer to follow.

The CMC sears and hammers have engagement surfaces that are perfectly parallel to the pivot holes and to each other. Unless there is a problem with the pistol frame, the use of these precision parts will result in outstanding alignment, performance and durability. The prepped hammers and sears are matched to give a neutral angle between the primary sear tip angle and the full cock notches.

The hammer and sear that I received from CMC were prepped and the engagement angles matched during manufacturing.

(Chip McCormick and Virgil Tripp wish to emphasize that CMC does not claim to sell a drop-in trigger job, rather that well matched, precision parts will provide the kind of good beginning not available up until now.)

I installed the matched parts in my Caspian-framed .38 Super to judge the result. The thumb safety required fitting. I had to choose whether to remove metal from the thumb safety or the part of the sear which engages the safety. (CMC provides extra metal in this area.) I stroked some metal off my thumb safety to fit where it engages the sear inside the pistol, and then tested to confirm safe operation.

The resulting trigger job was incredible--without my touching the sear or hammer with a stone.



Contoured and lightened CMC hammer installed.

I was to set the sear spring in a manner that would safely operate the disconnecter and trigger return while applying adequate spring tension to the sear itself. (As you know, simply lightening the action of the sear spring can lead to malfunction and will not, by itself, give you a good trigger job.)

The let-off was under three pounds and a crisp surprise break. There was no tendency to disengage and the hammer would not follow even if the slide was dropped with out holding back the trigger (12 pound recoil spring). I set the over-travel screw in the trigger so that the half cock notch completely cleared the sear when the trigger was held fully rearward, and I was extremely pleased with everything about these outstanding new products. I have fired approximately 500 rounds since fitting this parts and the trigger job remains safe, crisp and light.

CMC recommends that these parts be installed by a competent gunsmith. The thumb safety must be fitted; the disconnecter must be checked for safe function; the take-up must be adequate to insure full engagement of the half-cock and full-cock notches. The over-travel must be set; and, the center leaf of the sear spring must be checked to see that the hammer strut does not press on it at full-cock. The leaves of the spring may need adjustment also. Safety and reliability require that even the highest quality parts must be fitted by a knowledgeable professional.

The outstanding quality and consistent excellence of these parts demands a price that reflects the painstaking design and execution that turns magic into repeatable science. The retail price for the fully prepped CMC sear is \$22.95; the unprepped standard sear is \$16.95. The fully prepped CMC hammers are \$76.00 and the

Continued page 34

Front Sight

PRACTICAL SHOOTING IN ECUADOR

by Roberto Gilbert,
USPSA L-445

Ecuador, a country of 10 million inhabitants was the second country in South America to become involved in Practical Shooting (TIRO PRACTICO). There are currently 6 clubs involved in Practical Shooting in Ecuador.

Guayaquil (my city) with 2 million people has three Private Clubs with ranges for Practical Shooters. Cuenca another city in the mountains has one club. Quito the capital of Ecuador started this year and now has 2 clubs.

Practical Shooting in Ecuador started some 8 to 10 years ago in Guayaquil City. Our initial steps were with (pistola mexicana) which is still done in Mexico. Most shooting was done with stock firearms (autos) like Brownings and Colts.

I was the first person to bring a Bowling Pin gun into Ecuador. From that our panorama of modified autos and revolvers started and has never stopped. We are think it will never stop due to the logarithmic growth of the sport.

There are about 150 persons in the country that continuously participate in the sport. The largest club is in Guayaquil and is the Club Guayas. This club is a multi-service club with about 300 members that participate in many shooting disciplines.

It is the second oldest club in Ecuador (seventy years) and was founded by General Eloy Alfaro, a former President of Ecuador.

November/December 1988



President of Ecuador at Club Guayas Range. Note USPSA hat.

Club Guayas started Practical Shooting by making contact with US personalities in the sport. In 1984 we invited to our first big match Mr. John Shaw from U.S.A., capita Armando Guerra (Former Champion in Pistola Mexicana) from Mexico City, and Mr. Freddy Boulton from Caracas, Venezuela and Mr. Frank Garcia from Florida, U.S.A. We had a nice time and we learned a lot from our guests.

A year later we had as guests Mr. Michael Plaxco and Tom (Mr. Muli) Campbell and kept on learning. We decided to learn more and went to World Shoot VII, in the U.S.A. That was something!. All our shooters were very impressed and we found out what Practical Shooting was really like.

Practical shooting in our country is growing



Dr. Roberto Gilbert on way to winning Club Guayas Match.

very fast especially with stock weapons. We have a lot of military people involved in the sport. Let me tell you gentlemen this has been a great help in placing our sport on the "APPROVED" list. Before we were called (locos) crazy people.

At the present time 1988, we put together matches with military pistols, as well as with unlimited pistols. We have fun no matter if it is with a five hundred dollar gun or a two thousand plus \$ gun. A friend of mine says the difference between a child and an adult is just the price of the toys.

We are planning in the future to host the first South American Championship and run it in Guayaquil, Ecuador.

Last July we opened our new Club Guayas Range on five acres of land we purchased.



Two of the President's Men.

We have constructed many multi-purpose shooting bays, that are ideal for Practical Shooting.

For the opening of our new Range we invited Leon Febres Corrdero President of Ecuador who attended the opening ceremony, and shot some of the courses. This was a great honor for our Club. We also invited Mr. Steve Herberth, U.S.P.S.A. Vice

Continued next page

Ecuador continued

President who taught a Range Officer Class, and my friend Dave Stanford, U.S. R.D., Eddie Ramirez a U.S. competitor, and Freddy Boulton Venezuela R.D. also Mr. Roberto Hung of Venezuela. We had a nice week and we learned a great deal. Club Guayas and the members thank all our friends for their visit. We hope we can repeat it in the near future.

On behalf of my Club I really appreciate the opportunity that Dave gave me to say hello to the Practical Shooters of the United States of America and the world in this magazine.

Roberto Gilbert, President Club Guayas

(If you would like to tell our readers about shooting in your country please contact the editor.)

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Hammer & Sear continued

unprepped commander style hammer is \$52.00. They are certainly priced to value. One personal experience with these fine sears and hammers will overcome the initial "sticker shock." Chip is getting reorders already.

You can find them in the current Brownell's catalog or order them direct from CMC. Dealer pricing is available. Other innovative new products from CMC are in the works.

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SILHOUETTE ARMS MODIFIES DISCOUNT PROGRAM

Dear Dave,

This letter is being sent to you in regards to my participation in the Discount Program. Due to the recent increase in the cost of materials I have raised the price of my Custom 45 Comp Gun to \$1495.00. Members will still receive a 100.00 discount on the purchase of this gun.

Also since my last letter I have received pressure from several manufacturers to change my policy on the sale of accessories. Due to these pressures I have changed my policy on accessories to giving members a 10% discount off the retail price, instead of 10% over cost. This is due to these manufacturers Dealer Protection Program which states that no dealer will sell or advertise their products at discount prices.

I apologize to you & all the members for these changes.

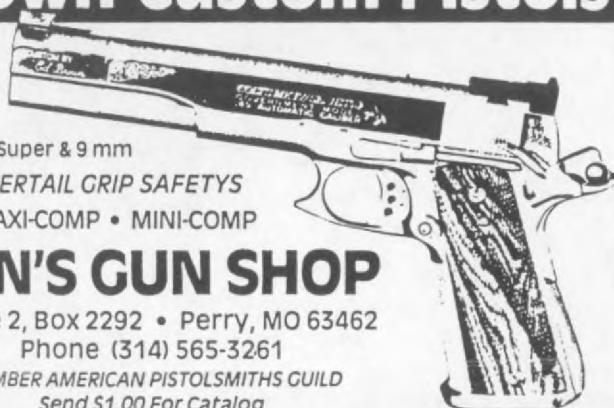
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February 24-26	FIPT	Dee Isley	\$130	(407)365-8160
March 18-19	Kansas Indoor		\$90-\$100	(913)841-4514

CLASSIFICATION MATCHES

Alpha by Section

AL	Tri-States Gun Club	Arni Hopkins	(205)677-7098
AZ	Arizona Section	Jake Kempton	(602)263-0272
CN	Richmond R&G Club	Stu Mullins	(707)762-8317
ECO	Pikes Peak P.S.	Roger Oakey	(719)488-9375
EL	Geneva Practical Shooters	Kevin Mussack	(716)526-6641
EL	Pathfinder Practical Shooters	John Amidon	(315)699-8582
GA	Flint River SSA	Dan Musselman	(912)924-1354
IL	Midwest P.S.A.	Bill Machinkowski	(219)931-4478
IN	Warsaw Rifle and Pistol Club	Scott Coffin	(219)834-7223
KY	Kentucky Association P.S.	Ken Skeeters	(502)366-7771
MT	Big Sky Practical Shooters	Dennis Sparrow	(406)728-2080
NE	Northeast Section	Charlie Funk	(617)658-9595
OH	Tusco PPL	Dave Blackwell	(216)364-1257
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OH	Miamisburg S.C.	Mike Benedict	(513)866-5571
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SC	Mid Carolina Rifle Club	C. Hulings	(803)732-1876
TN	Oakridge IPSC Club	Dwight Warren	(615)483-6984
TRI	Ft. Harmar Rifle Club	Curt Howell	(304)295-6284
VA	On Target, Inc.	Darrell Cooper	(703)563-8194
WCO	Bears Ears Sportsman Club	Paul Finch	(303)824-5992
WCO	Routt County	Joe Pokay	(303)879-1232
WI	Rockford Pine Tree	Rob Arntzen	(815)964-9413
WT	Concho Gun Club	Joe Yackley	(915)655-3202
IPSC	Long Island Practical	Greg Parmerton	(516)587-3534

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CLUB MATCHES

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KS	Wichita PPC	Todd Middleton	(316)682-2058	Friday Eves.
LA	Caddo R&P Club	Bob Gill	(318)925-0836	2nd Saturday
	LaFayette Indoor Range	Bob Adams	(318)234-4753	2nd Sunday
MO	Pike Adams S.A.	George Metcalf	(217)335-2251	3rd Sunday
MS	Magnolia R&P Club	Dan Miller	(601)956-7607	2nd Sunday
NE	Western NYPPL	Mike Braun	(716)627-3762	7/31
NW	NWPPA	John Wells	(206)644-9875	2nd Sunday
	Northwest Section	Mike Davis	(216)255-9722	Any Weekend
TRI	Fort Harmar Rifle Club	Curt Howell	(304)295-6284	8/14 & 9/11
VA	MCDEC	James Fort	(301)353-0128	2nd Sunday

INTERNATIONAL MATCHES

Contact U.S. RD for information (206)855-2245

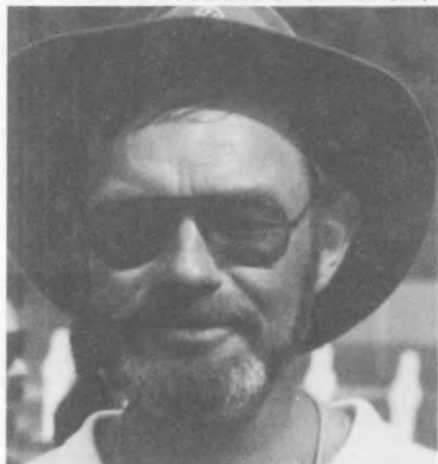
Germany	Elfel Combat Pistol Team	Leslie Cable	06506-8120
France	Paris Int'l. Championships	March 25-27	
Switzerland		April 29-30	
France	European Championships	August 21	
So. Africa		August	

November/December 1988

RD Column continued

After review and amendments to a plan to establish an International Range Officers Association, with guidelines for them to operate under the U.S. withdrew its motion to strike IRMI from the constitution. The association will be funded by an ADDITIONAL dollar from each region added to each regions per capita fees. A limit of an additional \$1,000 was placed on the additional fees.

Nick Alexakos was appointed head of the new IROA with Steve Herberth as Vice President of IROA.



Egil Smestad new IPSC V.P.

Stanford photo

J.P. Denis appointed a new Vice President at the conclusion of World Shoot VIII. The new V.P. is EGIL SMESTED of Norway. Congratulations Egil. I am sure you will be fair and do a good job.

The World Body did pass a resolution deploring the politics interfering with our sport due to the S.A. situation and I will quote it as soon as I have a copy of the minutes.

Nick Alexakos as chairman of the rules committee submitted some proposed rule changes at the meeting. Both the U.S.

and Australia are on the committee however neither had seen the proposal prior to the meeting, as had none of the delegates. As rule changes were not on the agenda these would not have been able to be adopted until the next meeting. However Belgium moved to modify the agenda to consider these rule changes.

I pointed out that no one other than Mr. Alexakos had seen these proposed changes prior to the meeting. That the motion to amend the agenda was simply to get around restrictions in our I.P.S.C. constitution, so that rules could be adopted at this session

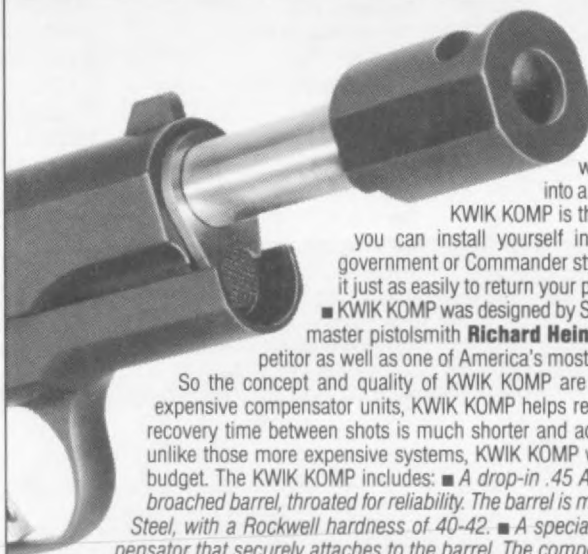
Continued page 39

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BOD Minutes continued

Officer staff brought in.

Additional comments from Area Directors:

Marc Halcon - Feels we should lock in a date and place. Marc didn't feel it necessary to discuss it with club presidents. He felt the Board was running the organization, and they have the right to. He agreed for the first year things would be messed up, but by locking it in it will be for the eventual betterment of the sport.

Ken Slack - Felt something should be figured out soon and get a date locked in.

John Sayle - For the transition year, use mission count that is already turned in. In other words, use mission count twice. He feels a central location is the best solution and the best consideration is our own place. The tax consideration is you have a for profit-holding company which owns the facility and a Not-for-Profit arm which is USPSA. It's possible to structure it from a tax standpoint so we could have our own place and build it up. Weather is a consideration, but he felt we should chose a month and location and get on with it.

Roy Wright - During summers, Hannibal and Quincy are pretty much booked and not as willing to work with USPSA. It is a heavy tourist area. The idea of owning our own range is appealing but it is not without its problems. It needs an organization that is behind it 100%.

Tommy Weston - Mission count will have to be moved up. Give them credit for 6 months from previous year. The ultimate goal of the organization would be to own their own range. Illinois in July is not much different than Texas, hot and humid. There will be problems if we keep holding it in the fall. Lack of manpower, unpredictable weather and vacation time.

Walt Rauch - Asked if the July match date vote was ever officially changed and was informed that the Board concurred to using the October date. He felt there would be an economic burden if mission count year was changed and there would not be enough funds to handle the Nationals. There could be an economic burden.

Mike Braun - Should have a set time not necessarily date but month. Set place or owning our own home would be nice. He felt planning for the future is the job of the Board. They need to come up with a plan even if it

takes a year or two but the future does need to be planned for. If a place is locked into could we get a multi-year arrangement with local hotels?

Dave Stanford commented that it is much easier to work with the same people year after year. If the Nationals were moved to July, regardless of where held, the cost to USPSA would be an approximate \$16,000 increase in costs in addition to loss of mission count revenues the first year.

Nationals discussion was tabled to allow individuals from Texas to give testimony regarding a membership denial request.

MOTION: John Sayle moved that whereas Greg Steffen has repeatedly exhibited gross unsportsmanlike conduct at USPSA sanctioned matches in violation of Rule 12.03 and whereas it has been established that he has shown a disregard for the official safety and competition rules as set forth in the USPSA rule book, and whereas it is believed that he could bring excessive and unreasonable controversy to our sport and organization and could hold our sport and organization up to ridicule and whereas Greg Steffen has had the opportunity to be present and defend himself at a duly called hearing regarding his conduct and whereas he has received notice of a place and time of said hearing, now therefore in conformity with Section 4.10 of Article 0.4 of the by laws of USPSA/IPSC, Inc., Greg Steffens membership is hereby permanently revoked. Seconded - Passed unanimously--Tommy Weston abstained.

Returned to earlier Nationals discussion. Dave Stanford requested that if the Board agrees to move the Nationals to July, they give him the longest lead time possible. He reminded them that in addition to hotel rooms we also need meeting rooms and banquet facilities.

MOTION: John Sayle moved that whereas the Board of Directors of USPSA has previously moved the Nationals Championships be held in the month of July and whereas it is the feeling of the current Board that the U.S. Nationals be held in the month of July, now therefore, it is moved that the USPSA National Championships be moved to the month of July, starting in 1989 if at all feasible and that the mission count cut-off date be moved to December 31 of each year with

credit for the calendar year 1988 given for the 1989 Nationals.

Seconded - discussion - John Sayle and Marc Halcon will do research to see if it is feasible.

Passed 6-for 1-against

CORRECTION TO 88 HANDBOOK -

All changes and typos will be printed on an errata sheet, mailed to all members and included in future rule book mail outs. They are: 6.03 completed paragraph, 7.13 complied with World Rules, 9.03 Target scoring values, 12.02 compiled with World Rules, 13.10 additional clarification.

INTERNATIONAL 3 GUN MATCH REPORT

- The Tri County Gun Club in Oregon has agreed to host an International 3 Gun match. The dates they chose were July 4, 1989. Board agreed if the Nationals are going to be held in July those dates will have to be changed. The minutes from 9/87, a previous meeting were read to the Board to refresh their memories on past discussions on the 3 Gun match.

MID YEAR REPORT - Dave Stanford reported as of 6-1-88 our membership is at 5618. With renewals at 75%. Clubs affiliated for 1988 as of 6-1-88 are 239. As of December 1987 there were 2136 classified members and 137 clubs were planning on holding second quarter classifiers.

Shooter introduction course is being compiled and should be ready for club distribution before the end of 1988.

The Club program manual is being updated. One module is complete and Dave requested any changes be presented immediately.

NROI hosted the first NROI Instructor seminar on May 28 and 29 in Seattle. Mike Braun presented a teaching seminar the first day with the second day being devoted to discussion of NROI courses and rules.

Affinity cards - a Silver Mastercard application will be sent to all USPSA members. There is no sign up fee and the card will carry the USPSA logo.

Dave Sanford read to the Board a letter received from Steve Herberth regarding I.R.M.I. that was mailed to all Regional Directors. Discussion followed.

The IPSC world constitution parliamentary procedures were then discussed in regard to the powers that the World President

Continued next page

Front Sight

BOD Minutes continued

has over the World Assembly. Lengthy discussion. John Sayle recommended the Board of Directors submit a letter with some positive suggestions for changing the procedures at World meetings. The Board members made suggestions as to how they would like to see the letter written. John Sayle will draft it and send the draft to Dave Sanford to be mailed in the name of the U.S. Board of Directors.

U.S. NATIONAL TEAM - The team manager for the men's team is Walt Rauch. The Gold Team and Ladies Team will receive 6 white shirts each with logo printed on the back. The Silver Team will each receive 6 blue USPSA shirts. **MOTION:** John Sayle moved USPSA fund hats, shirts, and blazer or jogging suit for men's team, ladies' team and team manager.

Second passed unanimously

It was agreed the Gold Team and Ladies would wear the U.S. emblem team hat and golf shirts. The 5 men that attend beyond the Gold Team will be designated as the Silver team and will be provided USPSA hats and golf shirts. The logo that John Sayle has access to from the European Champs will be modified for the World Shoot.

NEW BUSINESS - Marc Halcon brought up the subject of the Eagle Magazines. Dave informed him it would take a rule change by the World Assembly to accept them. He reminded him they are not a factory standard with any weapon and they are not legal because they use a hollowed out "bumper" and do not comply with what the rule book states.

Roy Wright requested discussion on the Area Directors responsibilities, such as when matches are not run according to the IPSC guidelines. It was agreed they should bring any discrepancies to the match directors and suggest changes. If the match director refuses to cooperate, the Area Director can recommend the matches sanction be pulled and mission count will not be accepted.

DISTRIBUTION OF NATIONAL SLOTS: 66% of all slots go to clubs and the remainder is divided in the following manner: 12 for International shooters, 16 shootoff winners, 88 to the 8 Area Championship matches, 12 for the Presidents use and 5 for the ladies match.



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MOTION: John Sayle moved if a slot is won at an Area Championship and the winner of that slot already has earned one, that slot is returned to National headquarter for redistribution through the mission count system. Seconded - passed unanimously.

Meeting adjourned 4:20 PM.



Competition Electronics, Inc.

RD Column continued

and not after careful consideration. That this is what had precluded the hard feelings and editorials in Front Sight and other magazines previously and was a direct slap in the face of every Regional Director attending. To his credit J.P. Denis agreed and Belgium withdrew their motion.

Where is the World Assembly headed from here? I don't know but we will do our best to help bring professionalism to our sport.



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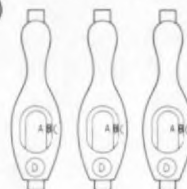


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RESULTS OF NATIONALS SURVEY QUESTION

#1

1. Have attended Nationals 298
2. Not attended 636
3. Would attend 836
4. Would not attend 35

#2

1. Shoot or RO in.
- July 338 Sept/Oct 564

#3

1. Best time to attend.
- July 345 Sept/Oct 554
2. Why? School 139, Hunting 30, Work 320, Vacation 306

#4

1. Importance of Team selection just prior to World Shoot.
- Very 279, moderate 396, Little 232

#5

1. Importance for particular month for Championships
- Very 441, Moderate 383, Little 86

#6

- Prefer Champs be held:
1. Sept. except for W/S years then in Oct. 272,
 2. 1st Week Oct. each year 232,
 3. July every year 305
 4. other 82.

#7

- Would you be willing to assist by RO'ing at Nationals
1. Yes 605
 2. No 170.
- RESPONSE 934 OUT OF 5,000
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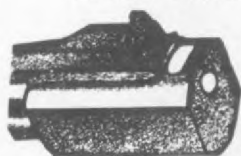
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FLYIN' BRIAN SOARS IN DURANGO COORS/SPRINGFIELD ARMORY CHALLENGE CUP

By: Jake Kempton AZ S.C.,
A-1013

Durango, Colorado, a little slice of heaven in the summertime for a boy from Phoenix, Az. A scenic tourist town as well as a mecca for fishermen, hunters, and wintertime skiers. In 1984, the Durango Gun Club obtained a sponsorship from the local Coors distributor and began hosting an annual match appropriately named the "Coors Challenge".

I have had the extreme pleasure of attending every one of these contests over the last four years and I have watched this match grow and develop by leaps and bounds. The combination of a beautiful setting, tremendous people, and a great match makes this an event that goes on my calendar each year. By the second year, this match was filling and having to turn applicants away.

The good people at Springfield Armory know a good thing when they see it, so they decided to throw in with the "good ole boys" in Durango. As a result, on July 23 & 24th, 112 competitors participated in the 5th Annual "Coors/Springfield Armory Challenge Cup".

Shooters attended from several neighboring states and one pistolero from England got a taste of "Yankee" sportsmanship and hospitality. The match is appropriately named in that the six courses of fire were extremely challenging.



Doug Boykin & Brian Enos in Shoot-off.

S. Stouffer photo

Lots of hard cover, no-shoots, and high disaster factor made the standards, two speed events, and three field courses a real test.

Brian Enos has been shooting very well this season and he won this match very decisively with a 79 match point margin between himself and second place. "Flyin Brian" also went on to win the top sixteen shootoff on Sunday afternoon. Of the 15 lady competitors, top honors went to Diane Lamb, of Tucson, AZ. Diane is well known, especially in the Southwest, as a fierce competitor and a wonderful person. She received a special trophy and a necklace as well as her turn at the prize table for her 53rd overall finish.

Durango also ran their traditional three-man team event. This event consists of teams where one member uses a handgun another member utilizing a shotgun, and the third member shooting a rifle.

The team which can complete the "mission" in the shortest time, of course, wins. After the regular match pistol stages are completed on Saturday afternoon, this contest is held. It becomes quite a spectator

event. On Saturday, 23 teams competed and the top five shot in the final event on Sunday for the purse.

The winning team consisted of: Floyd Wine (pistol), Larry Rowe (shotgun), and Charlie "Smokin" Stull (rifle). 2nd place team: Larry Spain (pistol), John Malarsie (shotgun), Greg Offutt (rifle).

So, what else can you give to the match that has everything?



Klippi Boykin on Daily Double.

S. Stouffer photo

It already had a great crowd of people, good course of fire, lots of shooting, and flawless organization. I know, how about a mammoth prize table. Well, the "good ole boys" in Durango were well ahead of me on that one.

They must have had a 30 foot long table covered with firearms, cash, reloading equipment, leather, timers, gift

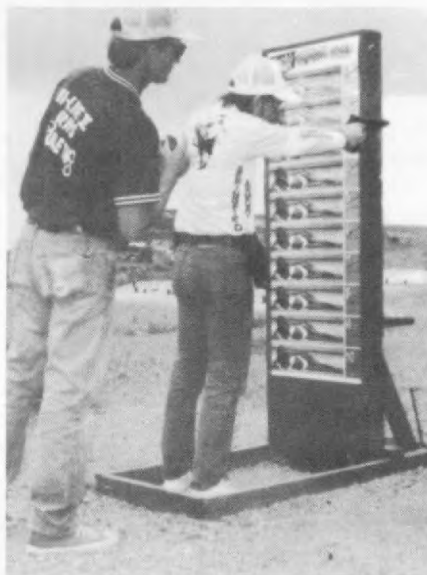
Continued next page

Coors Challenge continued

certificates, gun and shooting accessories, etc., etc.. No one went home empty handed.

Of course, this sort of prize table is not possible without the generous support received from the match sponsors and contributors to whom we are all very grateful. With special mention for MATCH sponsors COORS and SPRINGFIELD; Stage Sponsors Guns & Ammo Magazine, Davis Leather, Ernie Hill Leather, Safariland/Rogers, Dillon Precision, and Browns Guncraft.

Hats off to the guys in Durango. Good friends and good times.



Ian Martin on "Which Side Now?"
J. Kempton photo

COORS/SPRINGFIELD TOP 10

1. BRIAN ENOS
2. EDDIE RHODES
3. BOB RYCKMAN
4. PAUL MILLER



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OREGON STATE RIFLE & SHOTGUN CHAMPIONSHIPS

By: Joe DeSimone A-4229

September 4th found me at the Oregon State Practical Rifle & Shotgun Championships. There were two rifle and two shotgun stages and the shooters switched off shooting both stages on the same range, side by side.

Stage 1 had 4 IPSC targets at 20 yds., with hard cover on each, which you had to engage offhand. Then 7, 8" black, steel, round plates at 100 yds. and with 2 steel bottle targets which you had to shoot either kneeling or sitting. 200 yds. 8, and 12" black, steel knockdown plates that were shot freestyle.

Stage 2 involved all steel, 12" round black plates. There were 5 at 75 yds, and 20, in groups of 4, at 200 yds. You started seated at a bench, rifle unloaded, bolt closed, hammer down, and a loaded mag next to it.

On the signal, you could load the gun, flip out your bi-pod and knock down one of the 75 yd. plates and one group of the 200 yd. plates, then repeat with a 75 yd. plate and group of 200 yd. plates, move laterally to the next position and repeat, run down range 20 yds and knock down the last 75 yd. plate and last group of 200 yd. plates.

The Match Director, Ron "Ronbo" Filinger, won the rifle match with consistent performances in both stages. Ron is a member of "The Killer Whales" who shoot HK rifles and pistols. Ron used a HK 93. 2nd overall was Paul Basaraba with an AR15, 1st B was Carl Sogge and 1st C was Russell Grosse.

Shotgun Stage 1 started you out by kneeling on a carpet, an entrenching tool in both hands, your shotgun with a limit of 5 slugs was laying next to you. On signal, you tossed the shovel and went prone to knock down 3 steel bottle targets at 30, 65 and 100 yds. You could shoot as long as necessary but of course you were wasting time. When all were down, you proceeded to the next box and engage 3 steel KD's through a 55 gal. drum. No reloading while moving was allowed or if not behind cover unless the targets in front of you were already down.

Before proceeding further, another steel KD and 4 steel KD's through a picket fence. The next box was a platform from which 3 more plates were KD'd; reload behind cover and on to the next box, an old pickup truck. KD 4 steel targets from behind the door and proceed downrange to a barricade where you had to kd 3 plates through a tall narrow port.

Winning time on this was 81.26 seconds performed by Alan Boruck. Wow, what a run. Those shotgun speed loaders sure are slick, four rounds in about 2 seconds.

Stage 2 was one of those CONFUSING, two sets of target affairs. You started sitting at a "poker" table with a poker hand in your weak hand and your strong hand on a double deck of cards, ready to turn one over.

The deck had red and blue cards and matched the red and blue targets. Your shotgun was fully loaded and laying on the table with 2 slugs up first.

There were 4 IPSC targets at 3 yds across from you and when you turned over the first card, it told you what team color you were. You had to shoot the OTHER color targets. Two targets, 3yds away with two slugs. Then you engaged 3 of 6 pepper poppers at 11 yds with shot.

Then you could leave the table and move downrange to uncover another pair of these plates. Through a set of swinging doors and into a cubicle you opened a window and shot 8 bowling pins and another set of 4 IPSC targets at 40 yds.

You had to remember which color to shoot and slugs had to be used. John Kostelic won this one with a fast 32.71. (Editors note: It was probably the least well received of the courses. It couldn't qualify as an USPSA/IPSC match either.)

Shotgun match winner was John Kostelic; 2nd Overall was Paul Basaraba; and 3rd overall was Alan Boruck.



OFF Balance Blast!!!

NO SMOKE, NO LEADING, GREAT ACCURACY AND LESS HEALTH HAZARD

by Dave Stanford

What is it? A new bullet of course. One that has all the properties of a fully jacketed round and more.

The bullet is a H&G Style .45 200 gr. (actual weight of test lot 199.5). It has a bevel base for ease of loading into cases or through automatic loading machines. The bullet is FULLY jacketed. This means there is NO open area anywhere that is not fully enclosed in copper.

The advantages of this are obvious, especially if you are an operator of an indoor range or shoot indoors much. Most conventional pistol bullets have lead exposed to the hot powder gases on the base. Upon firing this causes some of the lead base to be burned off and vaporized right at the muzzle. Directly in the face of the shooter; and at the firing line where other shooters are standing.

Most indoor ranges were designed with slow fire bullseye shooting in mind when their air exchangers were specified. Anyone who has shot a Practical Shooting match indoors knows most air exchangers are not able to keep up with the rapid firing in this type of contest. The less smoke and foul gases we create the better.

Exclusive use of this bullet will SIGNIFICANTLY reduce air fouling.

This bullet is a vast improvement over the Hornady CT bullet. Both in design and performance.

Conventional jackets bounced off.



Plated bullets fragmented on hitting metal.

With this projectile the gases never reach the lead it is protected by a heavy copper plating.

There is no lubricant to burn and contaminate the air, or to run in heat and fowl your powder for erratic performance. There is no smoke cloud to peer through to see if the target is still there.

The bullet has another advantage. The copper plating is two to four thousandths thick. This is thick enough and tough enough to withstand travel through the bore and lands. But when it strikes metal it breaks up and fractures like a conventional lead bullet.

Jacketed rounds of conventional manufacture either hold together too much and you may have a full diameter round deflecting off a plate; or the jacket separates from the core and you have a jagged piece of copper tubing that flies in ALL directions. A very dangerous piece of metal eh?

Sure, there have been copper plated, better referred to as "copper washed" bullets on the market for years. I am sure most of you have tried them. The plating is little more than paint. Just a selling gimmick which does little or no good.

I tried them many times. My bore still leaded up, the smoke from the lubricant and the lead burning off the base of the bullet was still there. I had to clean my gun and COMPENSATOR just as frequently as ever.

While the method of applying is similar the results are quite different.

A large manufacturer has a proprietary technology they have developed and refined over several years of commercial production.

Their technology makes it possible to plate a really heavy, effective copper jacket onto precision cast cores.

This manufacturer makes specialized munitions on contract. Most of their bullets are not suitable for reloading into brass cases. However they do have three CONVENTIONAL bullet configurations that may interest our competitors.

The bullet that is the subject of this article here was developed by special request for I.P.S.C. Belgium is anticipating importing the bullet in large quantities. It is the 200gr H&G style BB in .45 caliber (.4515 dia). The others are 230 gr .45 RN and 125 gr 9mm.

Continued page 46

Front Sight

SPECIAL SPECIAL, SPECIAL, SPECIAL JACKETED BULLETS FOR USPSA/IPSC SHOOTERS.

**NEW 200GR. FULLY JACKETED
H&G 68 STYLE Semi-Wadcutter WITH BEVEL BASE.**

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230gr .45 RN \$69 per thousand
125GR. 9MM RN \$55 per thousand

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These bullets are of excellent quality and feed very reliably. No smoke from lead base or lubricant. (There is no lubricant). These jacketed rounds are what others have tried to do without success. **GREAT FOR INDOOR RANGES!**

Try 1,000 pp bullets. If you are not satisfied return the unused portion P.P. for a refund on the balance.

Jacketed bullets are the choice of champions. These .45ACP (.4515) bullets are ideal for competition and practice. In cooperation with I.P.S.C. they have been developed by a large manufacturer to satisfy the demand of Practical Shooters.

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No Smoke continued

I received 2,000 rounds of the new 200 gr H&G .45 BB shortly before the World Shoot and loaded up 1,000 rounds with various powder charges. I took some samples of the unloaded bullet and gave them to J.P. Denis and each regional director.

I tested these new bullets in two competition firearms, and one stock Colt. All rounds fed reliably and I have yet to have one malfunction with any of the firearms. (Remember the stock Colt has not been throated). I obtained 3" and 2" groups from a Ransom Rest at 50 yards with two of the guns and a group that measured 1.7" in a tight fit competition gun.

I tried two O/A lengths of 1.24 and 1.20," both fed reliably in all three guns. The 1.20 seating gave about 30 fps more velocity WITH THE SAME POWDER CHARGE as the 1.24" O/A length.

I finally settled on 1.22 as a good compromise seating depth.

The shoulder of the bullet was just barely forward of the case mouth. I obtained the best accuracy with a depth of 1.22" O/A. Powder charge was 6.1 grs of AA #2 for 950 fps. A charge of 5.8 grs of AA #2 dropped the velocity to barely 875fps which was too low to reliably make major.

I know of only one super squad competitor that does not use jacketed bullets in matches. Many use them exclusively.

Jacketed bullets are nothing new and top shooters have always known them to be more reliable with less shot to shot variation than conventional lead bullets. Up to now most shooters have opted for the lead bullet because of price. However we now have a reliable, accurate jacketed bullet available at about 2/3's of the conventional jacketed bullet price.

I can see many shooters using them in matches, and possibly as a full time round. I like the idea of little or no cleaning of barrel and compensator.

While the manufacturer will not sell direct to the public we have made arrangements for D.J. SPORTS to obtain them and sell to USPSA members. Look for their ad in FRONT SIGHT. Companies, indoor ranges and the like that are interested in purchasing in lots of 100,000 and higher give me a call but first try a batch. I am sure that you will be pleased.

From Our Readers continued

Research and cannot commend the company highly enough.

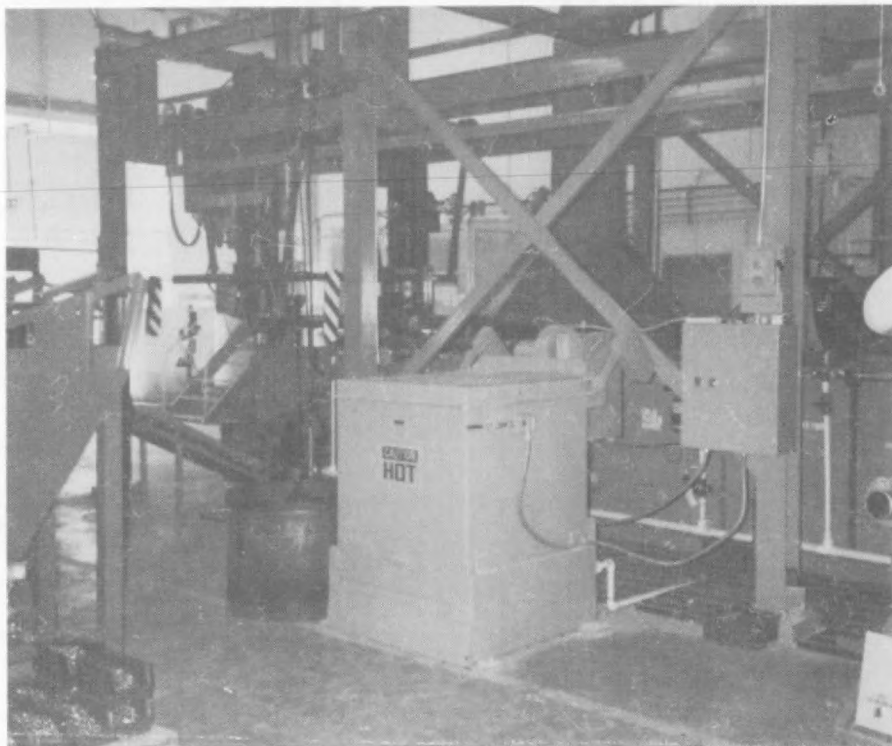
I just wanted to say that as a low "D" class shooter, it would be nice to get a trophy sometime, but there is something far more important to me. The people who I have met in IPSC have been genuinely nice people and made me feel welcome. I do not get the "elite" group type of feeling associated with many of organizations.

Even top "A" shooters have been very friendly and helpful to me taking time to answer my very beginnerish questions. At a recent sectional meet I felt in over my head, but everyone there was so friendly and able to laugh at problems. It was more a shooters against the course feeling than a top shooters above all the rest of the world. This is what will bring in new members, and keep them. It is the people.

Thank you.

Robert Lifton A 9392

Front Sight



Plating and bullet handling machinery

Jerry Barnhart Miller Invitational winner!

Mark Mazzotta wins Three Gun Championship!

by Nick Marsella

Justifiably, the Miller Invitational has become one of North America's top IPSC tournaments. Two hundred and seventy-eight competitors from the United States and Canada strapped on their leather and tested their skills during the 1988 edition of the Miller. In addition to the diversified eight stage, 132 round pistol championship, Colt sponsored a 223 Rifle Challenge match and LaRocca Gun Works sponsored a Practical Shotgun Challenge match. The top three gun aggregate winner would also be crowned! Slots to the Miller have become as coveted as slots to the US Nationals with the tournament being filled three weeks before the August 18-21 match dates. Many would-be competitors were disappointed when they heard the tournament was booked and over 40 additional paid applications were returned.

This tournament has attained this stature in just four short years because of the sponsorship of the Miller Brewing Company and the generous support of the shooting industry. Over \$30,000 in awards and prizes was distributed to the competitors. Pathfinder Fish and Game Club, the home and organization that runs the Miller, has a superb range for practical competition. There are five pistol ranges, 20 to 30 yards wide, and 20 to 60 yards deep. Each range is separated by a 12-foot safety berm. There is a 220 meter rifle range and shotgun competition is held in front of the large clubhouse where six trap and skeet fields are located. All together Pathfinder has a dedicated



Miller winner Jerry Barnhart

Photo by Bob Hancock

1988 Miller Invitational Match Results

Match Percent	Match Points	Power Factor	Competitor # Name	Team	USPSA
1 100.0000	607.1391	-	270 JERRY BARNHART	M	A0634
2 95.3467	578.8872	-	265 ROB LEATHAM	M	A1075
3 94.4781	573.6136	-	220 MARK MAZZOTTA	M	CA212
4 89.0669	540.7601	-	59 FRANK GARCIA	M	L292
5 86.6683	526.1973	-	276 KEN TAPP	M	A1401
6 86.2931	523.9190	-	126 RON YURCZAK	A	A4455
7 85.7149	520.4086	-	209 STEVE NASTOFF	M	CA255
8 85.6822	520.2101	-	226 TODD JARRETT	A	A4792
9 84.9364	515.6822	-	194 MARK VANDERBROEK	M	L291
10 84.9292	515.6384	-	267 TOM CAMPBELL	M	CL005
11 84.3558	512.1570	-	5 TIM BROWN	A	A4609
12 84.2941	511.7822	-	13 PAT EGGER	A	A4348
13 83.6958	508.1499	-	151 RANDY SHELLY	A	A3760
14 82.8670	503.1180	-	41 IAN MARTIN	M	A6104
15 82.5641	501.2788	-	164 IGOR MORIN	A	
16 82.5283	501.0616	-	146 MIKE MOY	M	CA79
17 82.4635	500.6679	-	10 NICK ALEXAKOS	A	CL256
18 81.9222	497.3816	-	143 JACK WEIGAND	A	A3431
19 81.7570	496.3786	-	189 DAVID CLARK	A	A6252
20 81.5569	495.1637	-	162 BRUCE PIATT	B	A1529
21 81.4899	494.7570	-	237 MARVIN FAIR JR.	M	A4179
22 81.2621	493.3741	-	233 RICK CASTELOW	M	CL108
23 80.9372	491.4013	-	168 DOUG KOENIG	M	A5804
24 80.8616	490.9425	-	196 MIKE JAYE	A	CL126
25 80.6578	489.7051	-	161 TOM CALANDRA	A	A2643
26 80.5786	489.2240	-	225 DEB JAMES	B L	A1685
27 80.2895	487.4691	-	31 LARRY STEUERWALD	B	A4689
28 79.3216	481.5924	-	277 BOBBY CARVER	A	A1396
29 79.0613	480.0118	-	202 BRIAN WARDELL	A	L0388
30 78.1238	474.3201	-	147 CHRIS CAMPBELL	A	A3665
31 78.0623	473.9469	-	91 KEN RUEFFERT	A	A0598
32 77.9282	473.1324	-	274 BOB LONGO	B	A4059
33 77.9092	473.0175	-	174 DOUG DUNCAN	B	A0422
34 77.8491	472.6523	-	76 DAVID KLEBER	A	A3648
35 77.8073	472.3983	-	52 DANIEL SMITH	A	CA240
36 77.7107	471.8121	-	215 BRYAN MARINO	M	A4730
37 77.6841	471.6507	-	216 MIKE DIGENNARO	B	A4510
38 77.3764	469.7826	-	232 RUSS JAMES	A	A1684
39 76.8853	466.8009	-	263 MIKE NENNI	B	A3327
40 76.5386	464.6956	-	212 TIM CHAFFIN	B	L271
41 75.9568	461.1634	-	98 RICK DOIRON	B	A1596
42 75.9026	460.8344	-	268 AL DESIDERIO	A	A1037
43 75.7331	459.8051	-	26 FRANK BEHLERT	B	CA146
44 75.5835	458.8968	-	256 DRAKE LASBURY	B	A2939
45 75.4575	458.1322	-	241 JOHN BENTON	A	A5700
46 75.3441	457.4433	-	115 MEL HOCKWITT	A	A1366
47 75.3052	457.2073	-	240 MARK KOHOUT	B	A5227
48 75.0307	455.5408	-	1 MARIO DI PAOLO	A	A8303
49 74.8214	454.2700	-	133 DAVE DEATON	B	A3436
50 74.2989	451.0977	-	123 LARRY WEBER	A	A5210



Mark Mazzotta, Miller 3-Gun Champion and Top Rifle winner.

and responsible membership. John Amidon, Pathfinder Practical Shooters' president and Eastern Lakes Section Coordinator, is an outstanding organizer for IPSC competition and the Miller. A big "thank you" goes to the Miller Brewing Co. and Pathfinder membership for a great week-end of fun and competition.

The tournament registration fee was very affordable with the Pistol fee set at \$65, and the Pistol and Three gun tournament fee \$95. When a pre-registered competitor arrived at Pathfinder's clubhouse, he/she was signed in by Donna Russell and her crew of Jean Hoffman, Mary Croyer and Maggie Amidon. Each competitor received a pair of Dillon shooting glasses, Miller hat pin, mug and custom shirt, engraved name tag, Sierra key chain, bottle of Shooter Choice bore cleaner and several other items that gave their shooter's bag

a value in excess of \$45. No competitor would go home empty-handed.

As were previous Miller tournaments, the prize table was large and deep with prizes distributed evenly 26 deep in A, B, C and D class. Master class awarded six places. Tournament winner would take home the prestigious Miller Cup as well as a **Springfield Armory Omega** in his choice of calibre and a **PACT** timer/chrono. First in each class would win an Omega, second a PACT timer/chrono, third a Colt SS King Cobra, fourth a Dillon 550RLB reloaded, fifth a **Charter Arms** 38 revolver, sixth an **Ernie Hill** full competition rig and seventh a **Springfield Armory** 1911-1A and High revolver a Charter 38 revolver. The larger group of competitors combined with the great prizes and a super course of fire set the stage for a weekend of competition.

Once the competitor signed-in, he attended a shooters' orientation where he received his/her shooter's scoresheet file, Pathfinder and USPSA



Debbie James Hi-Lady 1988 Miller Invitational - US National Champion photo by Todd Russell

safety rules were reiterated, tournament format was reviewed and all questions were answered. Competitors were then taken to the five ranges for the start of the match. At each stage the CRO would take a color-coded scoresheet and two rounds that would be chronographed on PACT chronos after the tournament. The color-coded

scoresheets helped the statistition keep track of the many stages and the 278 competitors. The weather could not have been more cooperative with the temperatures in the 70-80 degree range

twisters that appeared and disappeared in .5 to .75 of a second) and four pepperpoppers.

The IPSC targets were scored best 2 hits and the steel had to be downed. Targets were partly



Rick Castelow, '87 Miller winner, on "Traveler's Nightmare."

Photo by Bob Hance

under sunny skies. Now the fun was to begin. The competitors were on the line and ready to shoot!

Stage One: "Shoot Straight and Fast," sponsored by **Miller High Life**, was a 7-string, 36-round, timed fire match with ranges from 10 to 50 yards. U.S. Gold Team Captain **Tommy Campbell** set the pace, scoring 172 of a possible 180 points. Canadian **Igor Morin** and **Rick Castelow** tied for second with 169 points. **Rob Leatham** and **Jerry Barnhart** scored 164 and 163 to place 7th and 8th. The match was fired on three banks of turning targets. This stage ran flawlessly and ahead of schedule during the entire tournament.

Stage Two: "Escape from Rosa's Cantina," sponsored by **Dillon Precision**, was a fast 24-round action match comstock scored with ranged from 2 to 20 yards. The match scenario pitted the competitor again 10 full or partial targets (two were

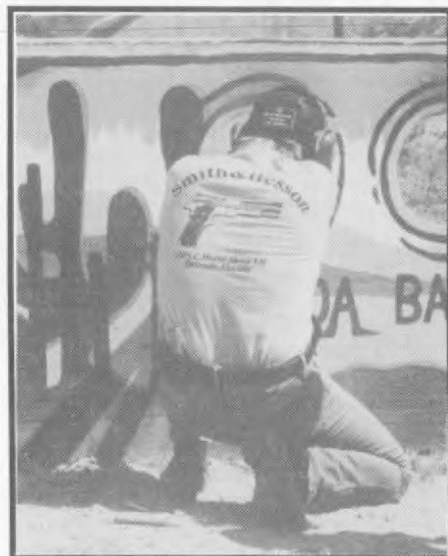
hidden behind walls, cars, barrels and, of course, no-shoots. To solve the scenario you had to shoot your way out of Rosa's Cantina and escape to your car. **Rob Leatham** flew through this stage with 115 points in a blazing 15.20 seconds. **Jerry Barnhart** had his afterburners on, posting a time of 15.44, but dropped a hit to score 94 points. **Jerry** placed 18th. **Mark Mazzotta** placed second and 17-year-old Master class competitor **Doug Koenig** placed third.

Stage Three: "All Hands on Deck," sponsored by **Ernie Hill Speed Leather**, was an 18-round comstock scored action stage with ranges of 13 to 20 yards. The scenario placed you on a becalmed sailboat where you had to defend yourself against pirates attempting to board. You faced 9 partial targets (two which were visible for .3 seconds), 2 poppers and a stop shark plate.

On the sound, you engaged a lookout from your boat deck, then proceeded to engage 6 of the

1988 Miller Invitational - Shotgun

	Pts	Time	Hit Factor	Stage Points	Stage Percent	Competitor # Name
1	171	53.17	3.2161	175.0000	100.00	65 BRYAN MARINO
2	157	49.72	3.1577	171.0222	98.18	111 MARK MAZZOTTA
3	140	45.78	3.0581	166.4026	93.09	33 HOWARD LEVINE
4	165	55.27	2.9853	162.4413	92.02	91 DAVE CLARK
5	172	61.20	2.8105	152.9298	87.39	16 JOHN LAWLER
6	168	60.47	2.7782	151.1722	86.38	62 RICHARD MILLER
7	125	45.17	2.7673	150.5791	86.05	103 KEN TAPP
8	140	50.69	2.7619	150.2053	85.82	31 DOUG DUCAN
9	173	63.66	2.7176	147.8748	84.50	43 MEL HOCKWITT
10	150	55.22	2.7164	147.8093	84.46	82 STEVE POLLACK
11	167	61.74	2.7049	147.1837	84.10	36 DRAKE LABURY
12	123	46.45	2.6480	144.0876	82.34	110 BOBBY CARVER
13	137	52.32	2.6185	142.4924	81.42	108 JERRY BARNHART
14	152	58.60	2.5939	141.1438	80.65	60 ROB LEATHAM
15	173	68.62	2.5211	137.1825	78.39	106 RICK CASTELOW
16	165	66.02	2.4992	135.9909	77.71	66 PAUL BARRETTE
17	163	65.29	2.4966	135.0493	77.63	28 BRUCE PIATT
18	171	69.46	2.4618	133.9557	76.55	87 MIKE LAHEY
19	160	66.13	2.4195	131.6540	75.23	89 DAN SIERPINA
20	151	62.46	2.4175	131.5452	75.17	44 PAUL REED



'86 Miller winner Tom Campbell shooting "All Hands On Deck."

Photo by Bob Hance

taking part in the Saturday Chicken Bar-B-Q. Shooters and their guests feasted and enjoyed a few cold **Miller** beers. The party lasted well into the night.

The awards banquet was a success, as close to 200 competitors and friends went to **Beaver Meadow Country Club** to have a filling buffet

Firearms Industry recognizes worker and ROs

Colt donated an AR15-HBAR, S&W donated a 745, Springfield Armory added a 1911-1A 45 Auto and the Complete Sportsman and Ernie Hill donated close to \$1000 of leather to be awarded by drawing to the men and women working the Miller

name entered in the drawing for each 5 hour shift he worked. A match of this size requires close to 2,000 man hours to keep it running smoothly. This includes the kitchen help as well as the range workers. **Bob Wassum** of Kentucky won the top prize. Bob had only two tickets in the drawing. Pathfinder would like to thank everyone who helped make this match the success it achieved.

Miller HIGH LIFE

Mark Mazzotta, one of the country's best practical rifle and shotgun wizards, put on quite a show to win the **Miller 3-Gun Championship**. Mark won the rifle and placed second in the shotgun match. His third place finish in the pistol tournament sealed the victory for the Rhode Island master class competitor. Over 100 shooters tested their 3-gun shooting skills. The score was determined by the following weighted system. The pistol score weighted 40% and the rifle and shotgun 30% each. At the awards banquet, Mark received the prestigious **Miller Cup** and an **Eagle Bow**, the fastest shooting bow made, donated by **Oneida Eagle**.

Congratulations to the first **Miller 3-Gun Champion**.

Beast of the East

Once again **SC Charlie Funk** orchestrated the Northeast Section to the title of Beast of the East. **Walt Rauch** of the Mid-Atlantic Section couldn't believe the results and demanded a recount!



Rob Leatham shows his stage winning form on "Escape from Rosie's Cantina."

Photo by Bob Hance

dinner and receive their awards.

It was a super tournament with few, if any, hitches.

Pathfinder would like to extend thanks to the competitors, workers and ROs who helped make this tournament a success. Pathfinder would also like to thank the **Miller Brewing Company** for their generous sponsorship. Together with industry donations and discounts, we were able to eclipse last year's record-setting awards table.

Remember these companies, because they made this tournament possible: **Miller Brewing Co.**, **Activate Arms**, **Auto-Ordnance**, **B-Square**, **Bar-Sto Precision**, **BoMar**, **Caspian Arms**, **Charter Arms**, **Clark Custom Guns**, **Colt**, **Complete Sportsman**, **DeSantis**, **Dick's Dillon Precision**, **Drakes Plates**, **Ernie Hill Leather**, **Garthwaite**, **Harris Engineering**, **Haun Welding**, **Hornady**, **LaRocca Gun Works**, **Mag-Na-Port**, **Metal Form**, **Metaloy Industries**, **National Bullet**, **Oneida Labs**, **PACT**, **Ram Line**, **Redding**, **Sarfariland**, **Sierra**, **Smith and Alexander**, **Smith and Wesson**, **Speer**, **Solvay Home and Outdoor Center**, **Springfield Armory**, **Thompson/Center Arms**, **Venco**, **Jack Weigand Gunsmith**, **Wilson Combat** and **Winchester**.

Earthmover Russ Hunkins

Pathfinder Fish and Game, the hosting club for the **Miller Invitational** has made extensive improvements to its range in order to handle the large number of shooters. Pathfinder range engineer **Russell Hunkins**, with help from many members, has moved over 20,000 yards of dirt during the last 4 years to develop the range into one of the country's best **IPSC** shooting facilities. A special thanks goes to **Local 545** of the **Operating Engineers** for their time and the use of their equipment.

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IPSC targets with 2 rounds and 3 targets with 1 round each. Two poppers had to be engaged through portholes located below the platform. The sharkplate stopped the clock.

Russ James from Bristol, Connecticut won this stage with 81 points in a quick 12.01 seconds. **Jerry Barnhart** again showed his mercuric style with a lightning run of 11.06 and a score of 73 points to place second. **Suzan Cooper** of Virginia scored 87 points in 14.58 to place 6th. **Doug Koenig**, the young superstar from Pennsylvania, ran amuck as he had ammo problems causing a DNF.

Stage Four: "Paper and Poppers," sponsored by **Smith and Alexander**, was a 12-round speed match scored comstock. Four IPSC targets were angled to the left from 8 to 18 yards and 4 poppers angled to the right from 13 to 18 yards. Score best 2 hits paper and down steel.

The top shooters turned it on here as **Jerry Barnhart** received an ovation from the several hundred spectators when he cut nearly a second off the best time with a blazing run of 5.10 seconds. It almost appeared that Jerry went full auto as he hit all four poppers before the first popper ever hit the ground. **Frank Garcia**, Master class shooter from Florida, scored well with a second place run of 6.06 seconds.

Stage Five: "Barrel of Fun," sponsored by **Springfield Armory**, was a 12-round action stage with ranges of 12 to 18 yards fired on all steel targets. This was a rough stage, with competitors having to go prone and sit or squat in order to see the plates and poppers through the barrels. The barrels were 2.5 feet across and were from 5 to 15 feet long.

Jerry Barnhart flew through this stage over 2 seconds faster than the nearest competitor with a time of 16.14 seconds. **Todd Jarrett**, an A-class shooter from Virginia, placed second with a time of 18.23 seconds. **Rob Leatham** placed third with a run of 18.79 seconds. The medium time for this stage was 32 seconds.

Stage Six: "Too Close for Comfort," sponsored by **Gaylord**, was a 12-round speed stage with ranges of 3 to 7 yards. Three targets partially covered by infamous no-shoots, had to be engaged twice freestyle, mandatory reload, then again twice stronghand only.

Mark Mazzotta, Master class shooter from Rhode Island, scored 60 points in a remarkable 5.13 seconds. **Jerry Barnhart** came in a close second with 58 points in 5.20 seconds. This stage proved to be the undoing of several top competitors. **Rob Leatham's** gun jammed. He quickly cleared the jam, but still had a 7.29 second run to place him 52nd. **Tom Campbell** threw a miss and dropped to 132nd.

Stage Seven: "Travelers Nightmare," sponsored by **Solvay Home and Outdoor Center**, was a 12-round comstock stage with ranges of 8 to 12 yards. The scenario placed you at the trunk of your car, retrieving a jack to change a tire, when you were accosted by 6 bad guys (3 on each side of your car). **Al Desiderio**, one of Central New York's top shooters, put it all together as he topped Master class shooter **Steve Nastoff** to win the stage. **Rob Leatham** placed third.

Stage Eight: "Mozambique the Geek," was a 6-round body armor drill from 3 to 4 yards. The competitor had to start in the driver's seat of a car and mozambique two targets partially covered by a no-shoot. **Mike Nenni** and **Todd Jarrett** both had runs of 2.84 seconds, but Mike won the stage



Rob Leatham speed reloads on Colt Rifle Match.

Photo by Bob Hance

OUTSTANDING.

with a perfect 30 points, while Todd placed third because of 2 dropped points.

After 40,000 rounds and three days of competition, **Jerry Barnhart**, the 1987 National Champion from Berkey, Michigan, emerged the best at the 1988 Miller Invitational. **Rob Leatham** placed second and **Mark Mazzotta** third. **Debbie James**, 1987 Lady's National Champion, took home her second **Miller Invitational** title with her 26th overall finish. **Suzan Cooper** of Virginia and **Judy Smith** of Florida, took second and third lady. **Mark Doneburg** of the Onondaga County Sheriff's Department, won his third consecutive **Miller Invitations Hi-Revolver Trophy** and **George Christy** placed second with his revolver.

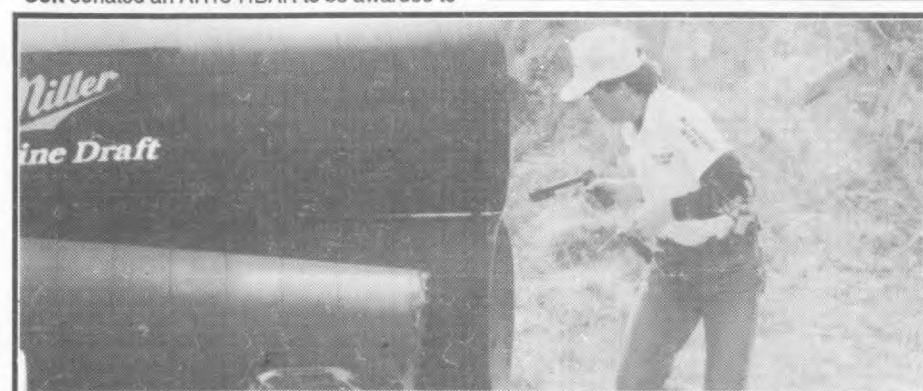
The date of the August 17-20 has been set for the 1989 Miller Invitational. If you want to enjoy practical shooting at its best, plan on the Miller. For more information call John Amidon at (315) 699-8582.

Colt 223 Practical Rifle Challenge Match

Colt donated an AR15-HBAR to be awarded to

1988 Miller Invitational - Rifle

	Pts	Time	Hit Factor	Stage Points	Stage Percent	Competitor # Name
1	200	73.08	2.7367	250.0000	100.00	02 MARK MAZZOTTA
2	227	85.90	2.6426	241.4039	96.56	57 BRYAN MARINO
3	178	76.40	2.3298	212.8293	85.13	92 DANIEL SMITH
4	174	78.48	2.2171	202.5341	81.01	97 DOUG KOENIG
5	196	98.92	2.1557	196.9251	78.77	52 DRAKE LASBURY
6	158	73.94	2.1369	195.2077	78.08	103 JERRY BARNHART
7	191	89.90	2.1246	194.0841	77.63	93 DOUG CROSSMAN
8	155	73.01	2.1230	193.7300	77.58	96 KEN TAPP
9	170	80.84	2.1029	192.1010	76.84	95 BOBBY CARVER
10	225	107.78	2.0876	190.7041	76.28	26 ED STRAIT
11	209	101.33	2.0626	188.4204	75.37	58 RICHARD MILLER
12	209	103.88	2.0119	183.7089	73.52	50 JOHN LAWLER
13	219	109.34	2.0029	182.9667	73.19	116 DAVE CLARK
14	155	80.91	1.9157	175.0009	70.00	84 ALAN ZITTA
15	201	106.35	1.8900	172.6532	69.06	87 RANDY SHELLEY
16	181	96.79	1.8700	170.8262	68.33	32 BRUCE PIATT
17	220	120.45	1.8265	166.8524	66.74	62 RICK CASTELOW
18	210	119.74	1.7538	160.2112	64.08	75 ROB LEATHAM
19	197	118.71	1.6595	151.5938	60.64	94 DAVID BURNS
20	183	111.56	1.6404	149.8528	59.94	29 PAUL REED



Jerry Barnhart reloads on the move in "Barrel of Fun."

Photo by Bob Hance

gets at a range of 35 to 45 yards.

Howard Lavine set the early pace with a combined time of 45.78 and 140 points. Once again **Brian Marino** took the lead with 171 points in 53.73 seconds. A **LaRocca** full blown competition shotgun was on the line! **Mark Mazzotta** was hoping to displace **Brian** as he had done in the Rifle Match. **Mark** did his best, but fell short with a score of 157 points in 49.72 seconds. **Brian Marino** won by less than 2 percentage points.

The weekend of shooting offered a lot more than just a forum to show and test your shooting skills. It gave shooters an opportunity to meet one another and see the many vendors and inspect their wares before buying. Everyone had a great time with, over 100 shooters and their friends enjoying the Friday afternoon Pig Roast and over 250

the top practical rifle competitor. This proved to be quite an incentive as 120 tested their skills. The course of fire was an assault match on 25 targets at ranges of 40 to 150 yards. Each target had to have a minimum of two hits. **Bob Russell**, the designer and CRO, put together a superb course of fire, giving the competitor his choice of shooting positions.

Dan Smith set the early pace with a score of 178 points in a quick 76.40 seconds. **Brian Marino**, one of Canada's top all-round shooters, topped his score with 227 points in 85.90 seconds. **Brian's** score fell in the last hour of competition as returning Miller Rifle Champion **Mark Mazzotta** blazed to a 200 point 73.03 second run. **Mark** took home the **Colt AR-15 HBAR** for his effort, while **Brian Marino** took home a **Dillon 550RLB**.

LaRocca Gun Works Practical Shotgun Match

One hundred and sixteen shooters brought their smoothbores to the line in the four string shotgun match sponsored by **LaRocca Gun Works**. The first two strings required the competitors to down 5 plates at 15 yards. The Miller record had been 2.54 seconds, set in 1986 by **Howard Lavine** of Ohio. **Rob Latham** showed his prowess with a shotgun as he destroyed the record with a run of 2.04 seconds. The third stage was a 15-round assault match against blowouts and steel and the fourth string was shooting 10 slugs at IPSC tar-

3 Gun Aggregate Total Points Result

Place	Competitor Name	Pistol Points 40% Weight	Shotgun Points 30% Weight	Rifle Points 30% Weight	Aggregate Total Weighted	Percentage	USPSA #
1	MARK MAZZOTTA	573.6136	171.8222	250.0000	355.9921	100.0000	CA212
2	JERRY BARNHART	607.1391	142.4824	195.2077	344.1627	96.6771	A0634
3	ROB LEATHAM	578.8872	141.1438	160.2112	321.9614	90.4406	A1075
4	KEN TAPP	526.1973	150.5791	193.9380	313.8341	88.1576	A1401
5	BRYAN MARINO	471.8121	175.0000	241.4039	313.6460	88.1048	A4730
6	DAVID CLARK	496.3786	162.4413	182.9667	302.1738	84.8822	A6252
7	BOBBY CARVER	481.5924	144.0876	192.1018	293.4938	82.4439	A1396
8	DANIEL SMITH	472.3983	131.1752	212.8293	292.1607	82.0694	CA240
9	DOUG KOENIG	491.4013	115.4659	202.5341	291.9605	82.0132	A5804
10	BRUCE PIATT	495.1637	135.8493	170.8262	290.0681	81.4816	A1529
11	RANDY SHELLEY	508.1499	116.1189	172.6532	289.8916	81.4320	A3760
12	RICK CASTELOW	493.3741	137.1825	166.8524	288.5601	81.0580	CL108
13	DRAKE LASBURY	458.8968	147.1837	196.9251	286.7914	80.5612	A2939
14	JOHN LAWLER	436.8148	152.9298	183.7889	275.7415	77.4572	A3976
15	MIKE JAYE	490.9425	113.8934	148.2716	275.0265	77.2563	CL126
16	HOWARD LEVINE	445.2429	166.4026	127.8913	266.3853	74.8290	A4617
17	NICK ALEXAKOS	500.6679	108.2942	110.8452	266.0090	74.7233	CL256
18	RICHARD MILLER	401.3433	151.1722	188.4204	262.4151	73.7137	A4186
19	STEVE NASTOFF	520.4086	81.1962	99.0609	262.2406	73.6647	CA255
20	DAVID KLEBER	472.6523	127.7798	112.5991	261.1746	73.3653	A3648
21	RICK DOIRON	461.1634	102.8039	136.8071	256.3487	72.0097	A1596
22	PAUL REED	424.1432	131.5452	149.8920	254.0764	71.3714	A3390
23	STEVE POLLOCK	407.9740	147.8095	146.5542	251.4987	70.6473	A7311
24	MIKE LARROCCA	424.1984	119.7973	139.7486	247.5431	69.5361	A0841
25	ALAN ZITTA	388.5001	129.4775	175.0009	246.7436	69.3115	A3771
26	DAN SIERPINA	434.6459	131.6540	99.1523	243.1002	68.2881	A4466
27	CHARLIE FUNK	435.5828	116.6630	105.6016	240.9125	67.6736	A0423
28	MIKE LAHEY	409.5347	133.9557	112.8458	237.8543	66.8145	A1204
29	ROGER READ	365.6150	126.9908	67.7824	232.6780	65.3604	A6741
30	DAVID BURNS	435.5157	125.3856	151.5968	228.5010	64.1871	A1420
31	STUART SPECTOR	412.0248	121.4460	87.2036	227.4048	63.8792	L391
32	BRUCE LINSKEY	419.0251	126.0222	71.0436	226.7298	63.6896	A9134
33	RICK RONDEAU	432.5583	101.6503	58.0900	220.9454	62.0647	A3767
34	DAVE STREICHERT	397.0876	100.3280	104.8252	220.3810	61.9061	CA099
35	GREG NEWMAN	387.7486	114.3559	81.8047	213.9476	60.0990	A6125
36	ALAN HOUGHTBY	357.1055	115.4387	113.9602	211.6619	59.4569	A1288
37	BRUCE BENWAY	305.0696	108.5445	128.9619	213.2600	54.2877	A6646
38	CJ DRASBA	332.7932	110.4435	82.7365	191.0713	53.6729	A8747
39	DICK COOPER	287.3972	112.8105	73.6288	170.8907	48.0041	

THE MOUNTAINEER CLASSIC

by Dave Stanford

This "Great Little Match" isn't so little anymore. One Hundred Forty Five intrepid souls braved over 100 degree heat at the Hancock County Sportsmen Association range in Weirton, W.V. to compete in this event.

The courses of fire were challenging and straight forward. The highlight of the match was a field course designed and run by Roscoe and Bert Geer.

The unique feature of this course was shooting a popper through a window, which caused a target to swing back and forth across the window. You needed two rounds in the target, and when it quite swinging it was exposed to view so it carried penalties for misses.

The target swung for "a long time." Hence the shooter had to know when he had sufficient hits before he left his shooting position or suffer the penalty.

Another course that had some / many people shaking their heads was "TREES" which had partial targets visible behind "Hard Cover trees" Hits were really hard to see and many a shooter ended up with a miss on this simple stage.

I had to leave the match Sunday during the shoot off and hence did not get a copy of the results until long after most of this issue of FRONT SIGHT was put to bed. Hence the short space for this really great match, run by some great people.



Jerry Barnhart on the way to a win.



Debbie James on the reload

MATCH WINNER JERRY BARNHART

- 2nd Grady Whitelaw
- 3rd Allen Ratliff
- 4th Mike Cundiff
- 5th John Sayle
- 6th Doug Koening

A CLASS

LARRY WEBER

B CLASS

MEL HOCKWITT

C CLASS

DAVID STREICHART

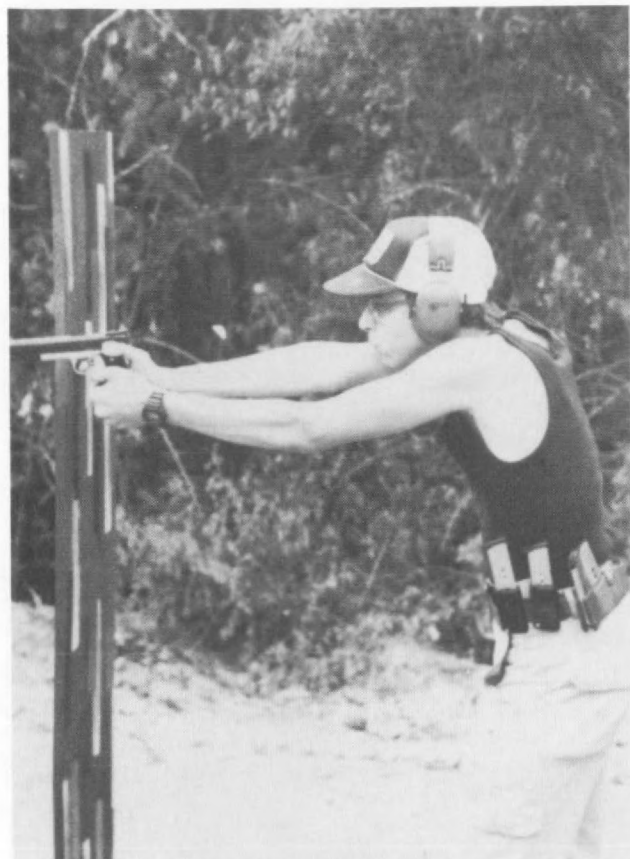
D CLASS

CRAIG SOYSTER

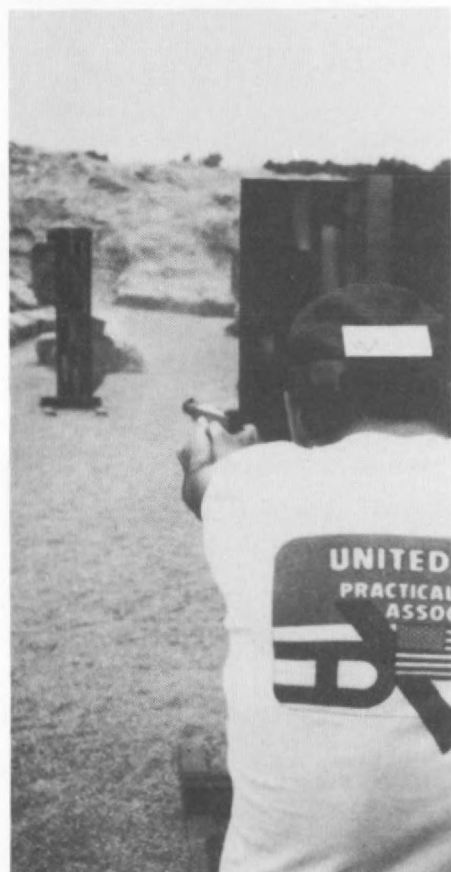
LADIES

DEBBIE JAMES





J.C. Amato shows his concentration.



Trees at the Mountaineer.

November/December 1988



*The United States
Practical Shooting Association/IPSC
NROI*



INDIVIDUAL APPLICATION FOR MEMBERSHIP

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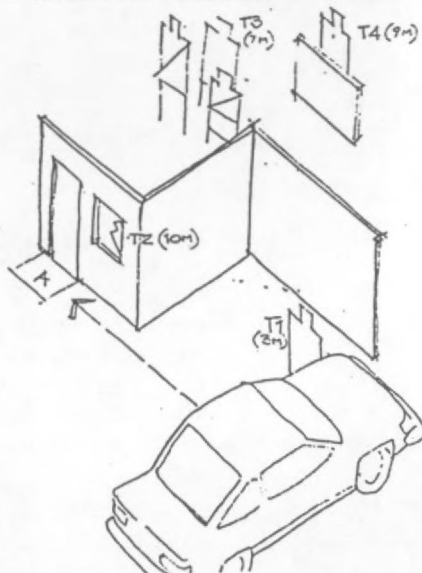


Roscoe Geer RO watches as shooter tackles his course.

VIII MUNDIAL DE TIRO DE COMBATE WORLD SHOOT VIII

CARACAS-VENEZUELA
SEPT. 1988

PRUEBA No.21
STAGE No.21



STAGE DESCRIPTION No.21

TYPE: FIELD
SCORING: COMSTOCK
MINIMUM ROUNDS: 8 MAX. POINTS: 48
TARGETS: 4 IPSC (BEST 2 HITS)
START SIGNAL: AUDIBLE
STOP SIGNAL: LAST SHOT
START POSITION: SHOT SEATED IN THE AUTOMOBILE, BOTH HANDS ON THE STEERING WHEEL

UPON SIGNAL, EXIT THE AUTOMOBILE AND ENGAGE TARGET T1. RETRIEVE YOUR COURIER BAG FROM THE FRONT SEAT AND MOVE TOWARDS THE HOUSE ENGAGING TARGET T2 WHEN YOU CAN SEE IT. MOVING TO THE DOOR ENGAGE TARGETS T3 AND T4 FROM THE DOORWAY. THE THRESHOLD OF THE DOOR IS THE LIMIT LINE.

ALL IPSC TARGETS REQUIRE A MINIMUM OF TWO HITS TO SCORE. ALL STEEL MUST FALL TO SCORE. NO PENALTY FOR MISSES ON MOVING TARGETS.

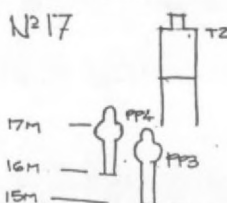
STAGE PENALTIES (AS APPLICABLE)

HITS REQUIRED/NOT MADE (MISS) : -10 POINTS LATE SHOT: -5 POINTS
NO SHOOT HIT: -10 POINTS PROCEDURAL ERROR: -10 POINTS
DNF A STRING: ZERO FOR THE STAGE (SPEED SHOT ONLY)

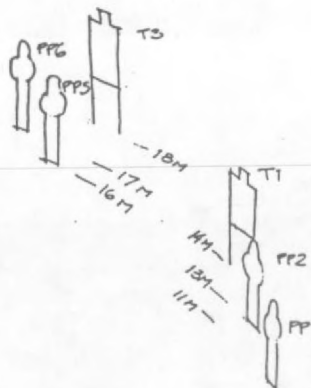
VIII MUNDIAL DE TIRO DE COMBATE WORLD SHOOT VIII

CARACAS-VENEZUELA
SEPT. 1988

PRUEBA No.
STAGE No. 17/18/19



No. 18



No.17/18/19 STAGE DESCRIPTION

TYPE: SPEED
SCORING: COMSTOCK
MINIMUM ROUNDS: 18 (TOTAL) MAX. POINTS: 90
TARGETS: 3 IPSC (BEST 2 HITS)
6 PP (10= 1A)
START SIGNAL: AUDIBLE
STOP SIGNAL: LAST SHOT
START POSITION: (EACH STAGE) STANDING ERECT (RELAYED) IN THE SHOOTING BOX, HANDS AT YOUR SIDES.

STAGE 17 UPON SIGNAL ENGAGE ANY ONE TARGET ARRAY.

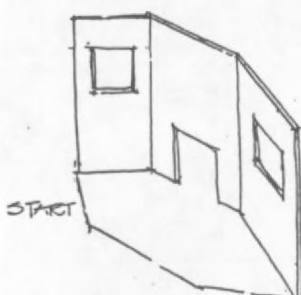
STAGE 18 UPON SIGNAL ENGAGE EITHER OF THE TWO REMAINING TARGET ARRAYS.

STAGE 19: UPON SIGNAL ENGAGE THE REMAINING TARGET ARRAY.

ALL IPSC TARGETS REQUIRE A MINIMUM OF TWO HITS TO SCORE. ALL STEEL MUST FALL TO SCORE.

STAGE PENALTIES (AS APPLICABLE)

HITS REQUIRED/NOT MADE (MISS) : -10 POINTS LATE SHOT: -5 POINTS
NO SHOOT HIT: -10 POINTS PROCEDURAL ERROR: -10 POINTS
DNF A STRING: ZERO FOR THE STAGE (SPEED SHOT ONLY)





DROPPED SHOT



NEW TIE TACK/PIN

Last week we received a neat pistol tie tack and target pin in the mail from J.N.R. Jewelry. Along with the sample pins came an ad for **FRONT SIGHT**.

Marilyn showed me the two pins and I was impressed with the quality immediately, as was she.

The "pistol" is very accurate in detail and even has "pearl" grips.

NEW I.P.S.C. REVOLVER BY SMITH & WESSON

Smith & Wesson unveiled a new I.P.S.C. revolver at the World Shoot in Venezuela. The new revolver will be designated 625-2. It is an improved version of the 25-2 which has been out of

The target pin is an authentic replica of the I.P.S.C. target. It had Marilyn's USPSA number engraved on it. Both pins are in **14K SOLID GOLD!** They are secured by a screw type nut on the back.

The pins are very tastefully done. You would feel proud to wear them to any function, and will make a nice present for that special lady or man in your life.

production for a number of years.

Specifications for the new revolver include: .45 ACP caliber, 5" full lug barrel, Round Butt, Adjustable sights, Smooth trigger, I.P.S.C. logo on side plate in gold.

We were able to test fire the revolver in Venezuela and "I LIKED IT." The revolver will take either the 1/2 moon or full moon clips, it functioned very well indeed; except with a couple full moon clips that had gotten bent. The gun weighs 46 ounces and is made of stainless steel. The accuracy was very good with factory ammo.

We will do an in-depth report on the revolver as soon as we get a chance to test it.



WANT TO SHOOT IN CHINA?

by Dave Stanford.

Well that may just be possible. Plans are underway for a Practical Shooting Tour in the **SHADOW OF THE GREAT WALL**.

A full 10 days in China with tour of Peking the forbidden city, the Great Wall, and many other attractions; as well as a Practical Shooting event for about \$3,000 including Air Fare and Hotel Accommodations.

It is planned to have three matches. One with your competition gun, which you will be allowed to bring into China. One with the Chinese sidearm a P-3 7.62mm pistol, and a team event in which a westerner is paired with his Chinese counterpart and compete against a similar pair in a shoot off.

You will also have the opportunity to fire all sorts of firearms up to and including anti-tank guns and rockets. The support of the **Chinese Government and NORINCO** their arms subsidiary are behind this project.

Let me know **NOW** if you might be interested. It will be in **Late Oct. or Nov. 1989**. All USPSA members and I.P.S.C. members from other Nations are invited to apply. Bring a friend for the vacation of a lifetime. Drop a postcard or letter to USPSA P.O. Box 811, Sedro Woolley, Wa. 98284. More information will be forthcoming.

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SIZE

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14K GOLD

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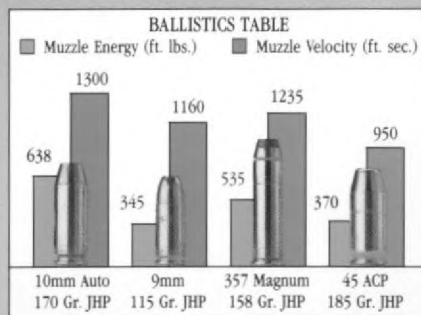
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