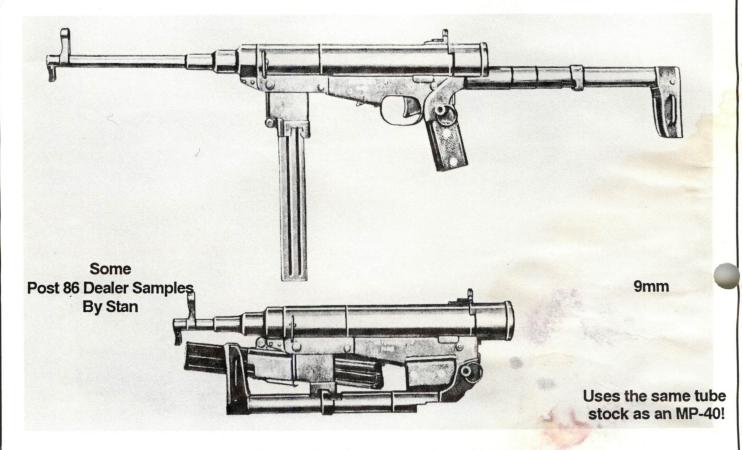


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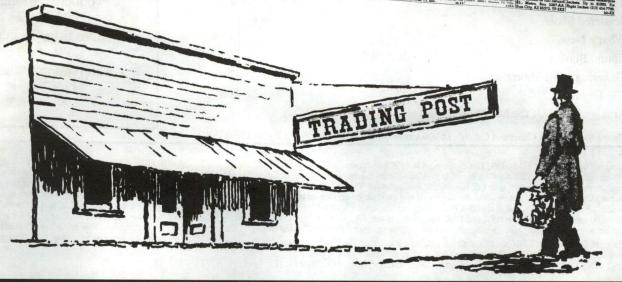
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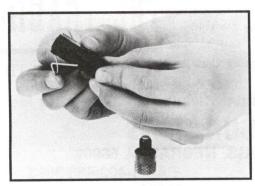


MGN

MAGAZINE FOR FULL-AUTO ENTHUSIASTS

Volume 6 Number 3

August 1992



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On the Cover: Chris Choat and Calico's M-900A submachine gun. Cover Photo Trevor Choat

Machine Gun News is published monthly to serve as a forum for Class III dealers and machine gun enthusiasts. We feel it is important dealers and collectors have a source for new products, news and information involving Title II firearms.

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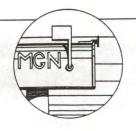


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Incoming





TYPE OF SIGHT?

Thanks for the fine magazine, covering our sport. I read it from cover to cover, then can hardly wait for the next issue to arrive.

I have enclosed a photo you may use in your publication. The MG is a .50 Cal Browning, Aircraft Flex, made by Buffalo Arms, Buffalo N.Y. It is mounted in a U.S. Navy, Mark 6, Mod 3, gun rack, made by Bell Aircraft Corp., dated 1941. Same as mounted in Blister of PBY Cat.

The gun and rack are of the finest machinery and workmanship, and perform flawlessly, when firing. The gun is amnesty registered and was reported to be recovered from a crashed B-24 bomber (front overhead turret), in the Olympic Peninsula, mid 1940's, Washington State.

I acquired the gun, later located the rack, and put the two together, building the base beneath, for both display and shooting platform.

I would like to ask readers, if anyone can tell me what type of sight is mounted in the inverted crankshaft-piston rod looking device, at the right rear gun rack. I have been unable to find any books or information, relating to this.

Thanks Again, Chad Long

P.S. We are shooting the gun at Albany Rifle & Pistol Club Range, in Albany, OR at a special "Public Invited" display shoot in Oct. 1991. We have several shoots a year, that I do not miss!

HANDLOADING FOR THE MP-5

Pursuant to the article, "A Reliable Handload for the H&K MP-5", that ap-

peared in the January, 1992 issue (Vol. 5, No. 8) I would like to offer the following suggestions and comments:

I initially experienced the same problems with reloads for the MP-5 as those mentioned by Steve Parker in his article, "A Reliable Handload for the H&K MP-5" (Vol.5 NO.8 Jan 1992).

Those of you who don't have a machine shop handy to grind down the base of the Sizing Die as Parker recommends can purchase the Lee 9mm Parabellum "Undersize Sizing/Decapping Die". This

die has a relatively flat base, thus accomplishing a more complete resizing of the fired case as Parker suggests. It may not work as well as Parker's solution, but has solved most of my problems.

Also, I check all my MP-5 reloads with the "Midway Arms Max Cartridge Gauge"; once after the initial resizing with the Lee Die, and a second time after the finished reload emerges from my Dillon 550B. Usually I find several rounds that will not fit the gauge each time they are checked. These I dispose of.

For those who are interested, I have been using 5.9 gr. of Unique behind the 124 Gr. TCJ bullet sold by Black Hills Shooters Supply Inc. Winchester Small Pistol Primers have worked fine, and enter the primer pocket easily.

I hope this may be helpful.

Hiram D. Rickert Jr.

References:

Dillon Precision Products, Inc. 7442 Butherus Drive Scottsdale, AZ 85260 (800) 421-7632

Midway Arms, Inc. 5875-L W. Van Horn Tavern Rd. Columbia, Missouri 65203 (800) 243-3220

Black Hills Shooters Supply Inc. P.O. Box 4220 Rapid City, SD 57709 (800) (800) 289-2506

Lee Precision, Inc. 4275 Highway "U" Hartford, WI 53027 (414) 673-3075

DISLIKES COLUMN

It has been with growing concern that I have been following the newest column in MGN, "Scattered Shots". My advice to

you is to pull the plug on this turkey but quick.

Does the title give Mr. Carter license to simply blurt out the first thing that comes to mind? Why the oddly inappropriate photo of the kid with the Uzi? Is that Ken Carter? What on earth does the story about cod fishing have to do with the reason that I, and I suspect most of your readers subscribe to MGN for: to enjoy "..a forum for Class III dealers and machine gun enthusiasts".

I once subscribed to "Guns and Ammo", a mildly interesting magazine, until they started devoting space to another narrow-minded windbag, Jeff Cooper. You know that your readers clamor each month for a larger edition, and more stories about the history, the hardware. Please don't let MGN waste another drop of ink on Ken Carter and his Cooperesque gassy drivel.

B.L. Farinholt

Starting at the top of the column, the serious young "next generation" machigun aficionado is my grandson, Marcu, who's a lot cuter than I am.

As for the pages that contain the remainder of the column, they are carefully configured for equal ease of reading...or turning...no extra charge. (In extreme cases, they can be glued together.) - KC

LIKES COLUMN

Your comments in the June "Scattered Shots" were right on target! By the way, I like the new column. Your comments and insights are both interesting and informative, and address many of the issues, particularly political issues, that are important during an election year.

Along that line, I am enclosing an editorial by Joe Tartaro from "Gun Week" in which he alleges that presidential "candidate-to-be" Ross Perot owns an American 180 machine gun.

Hmmmmmm? Ross Perot a machine gun owner??

If this is true, it should certainly make his position on the 2nd Amendment and Gun Control quite interesting. One conly hope that Mr. Perot doesn't have twidifferent positions on gun ownership: one for the wealthy, and another for everybody else.

Maybe you could address this issue in a future column, under the heading, "Short Bursts".

William Conville

Is that a "short joke"? Thanks for your nments, Bill, and check out this month's Scattered Shots". - KC

LIBERTARIAN PARTY

A vote for the lesser of two evils is still evil! We will never protect our gun rights until we vote for our principles!

"Recognizing that the right to life, liberty, and property implies a right to defense of self and property, and that an armed citizenry is the final defense against government tyranny, we support:

- a. The repeal of laws regulating the ownership and bearing of arms.
- b. The elimination of registration and all other government records pertaining to ownership of arms.
- c. The repeal of laws requiring permission from any government agency for any purpose relating to arms and ammunition.

Further, we oppose extension of liability to the manufacturer or vendors of arms for crimes committed by the users of such arms."

from the California Libertarian Party Plat-

The national platform, though longer, gives wholehearted support to our Second Amendent rights. The libertarian Party promises to reverse the damages we have already sustained.

A few Congressmen deserve re-election, but if yours hasn't earned an NRA "A" voting record, VOTE LIBERTARIAN.

Also, you may be startled to know that 452 of every 100,000 Americans are in jail. This compares with 254 of every 100,000 Soviet citizens! We imprison more of our citizens per capita than any other nation in the entire world! The next time "lock 'em up" rolls off your tongue, you might remember that the "War on Guns" has only begun and, before it's over, many of us will be in those jails we seem so happy to build. The same violations of search and seizure, confiscation without trial, juries uninformed about their rights of "jury nullification", and bully-boy abuse that are the tools of the "War on Drugs" are already being used against gun owners!

Vote your principles before it's too late! emember 1776!

Edgar A. Suter, MD

Continues on page 47

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Raffica



by DAN SHEA

Rafficarians have been most responsive about sending in helpful answers to questions that have been coming up in the last few issues. I'd like to include a few of those responses in this issue, and next month, we've got a lot more. I'm loading up for the North Country Shoot as I write this, and having done the spring Knob Creek pilgrimage and several other smaller shoots already this year, I'll be ready for a summer's rest. Not.

Q While not a subscriber to MGN (yet), I have been given several back issues by a fellow collector and have enjoyed the articles and advice. I know this is a little late, but I have both a correction and an addition to your answer on how to tell corrosive from non-corrosive ammunition, which might be of interest to you and your readers for future reference.

While most U.S. manufactured government issue ammunition prior to 1954 was corrosive, all .30 U.S. Carbine ammo of domestic manufacture from the very beginning (early 40's) was of the non-corrosive variety. Also, some of the ammunition manufactured in the U.S. between 1953 and 1955 was still of the corrosive type, so your "rule of thumb" was basically true but not exclusively. All G.I. ammo after 1955 was of the non-corrosive type, and all ammo up through 1953 was the corrosive type (except .30 U.S. carbine) while some ammo manufactured in 1954 to 1955 was corrosive, though most was non-corrosive! Confusing?

Also, a relatively easy way to distinguish the difference between corrosive and non-corrosive ammo of U.S. military issue is the shape of the primer itself. Corrosive primers on G.I. ammo (and most foreign types) are usually rounded (slightly domed shaped), while non-corrosive primers are usually flattened. See sketch below:

coreosiue non-corrosine

One last thing, I was once told an "ex" was a "has-been" and a "spurt" was a "drip", thus defining an "expert"! I prefer the term serious student of firearms or whatever!

Keep up the good work and the interesting Q&A section and articles.

Jim Bonavita

A I knew that my rule of thumb was too simplistic, and I appreciate the short, precise effort at categorizing the U.S. corrosive/non-corrosive ammunition. There are still several more exceptions, but your guideline should get most shooters through most purchases. If they learn how to do the "Bright Nail Test" in the Machine Gun Dealers Bible, and clean their guns when in doubt, they should do allright.

Q Just thought I would mention what I did to help solve a problem I had with a late model Auto Ordnance Thompson M1A1. Seemed it would hang up on the left side of the feed ramp with the bolt caught just in front of the head of the case. If I held in to the magazine instead of the forend it would feed and fire without any problem. I took the magazine catch out and noticed it was worn on the upper side of it. With a little effort I built it up and reshaped it. Next I took some dummy rounds and watched what happened as I ran them through. I needed to bend the lips on my magazine a little but now they seem to work fine. This might help others that may have the same problem.

Now a question. Did the MAC 10 in 45 caliber see any military type action and if it did, how did it perform? I think the MAC 10 9mm saw some action but I'm not sure.

Best Wishes, Stephen

A I usually leave the Thompson questions alone, and let Jim Klodzinski handle them. Raffica will make the comment that 1970's and 80's manufacture Thompson SMG's seem to experience a lot of problems. This may anger Auto-Ordnance, but the new AO Thompsons "ain't Colts". There seem to be a lot of parts that are on some of them that are worn before you start. How that can

happen on a new gun I'll never figure out. I recommend that anyone with an AO Thompson that has problems begin with looking at parts for wear, even NIB, then start polishing the feed ramp. You can also call the manufacturer, they are usually very good about backing their product. Tell Tom Casey MGN sent you. (Auto Ordnance - 914-679-7225)

MAC-10's have seen lots of combat. Their worst role seems to be as a police weapon, with Spec Op as it's best. People who carried them have told me that if you're in close quarters and it's COMBAT, MAC's get the lead out like a heard of crazed 230 grain bumble bees, causing massive stoppage to the enemy. Which is what it was intended for. MAC 10 .45 and 9mm saw action in: Vietnam, Cambodia, El Salvador, Nicaragua, Iraq, Saudi, Kuwait, and Rhodesia, that I have been able to ascertain from personal observation talking to veterans of those conflic Nobody advertises the MAC users in news clips, they look too scary.

Q I have never written to you before so I am not really sure how to get information to you guys, but I have read your "Raffica" column for years; almost since MGN began. Back during the Panama Invasion in 1989 as a squad leader with 7th INF DIV (light) I even received MGN by Helo drop in the jungle. I am a dedicated enthusiast!

I now own a modest firearms firm in Arizona which I started in 1991 after my discharge. We specialize in U.S. small arms, namely the AR15/M16 rifle, M1/M2 Carbine, and the venerable 1911/1911A1 pistol. We have a pretty extensive inventory of parts for these systems and work on them regularly.

For the most part, I am writing in response to the article in June 1992 issue entitled "The \$450.00 Bayonet Lug" I hate to see a guy get dragged over the coals in a harmless quest for authenticity. The Colt Sporter rifle should have a bayonet lug and did for over 20 yrs. without a recordincident. I think we may have lost ominds in this country at times. Next some liberal fool will link bayonet lugs with ozone depletion.

To get back to the point, my company S.A.W. (14815 S. 41st place, Phoenix, Az. 85044 (602)-759-1889) has about 20 new Colt AR15A2/M16A2 C MP 5.56 NATO 1/7 Barrels with bayo lug in stock for \$225. with free installation and test fire (plus shipping, of course). We also manufacture the replacement front push pin for the Colt civilian rifles to replace the ever unpopular double headed screw.

I hope you can get this information into the right hands to be passed along to the guys in the field. MGN is a great forum for detailed weapon information and we all know that it takes information to hold the high ground. We own a lot of title 2 weapons in Arizona and love your publication. Send our best to the Rafficarians. Thanks Dan.

> Keep up the Fire, Kenneth Elmore

A Like the Helo drop note, Ken. We'd love to hear from some of the other folks who got their MGN in unusual places. I handed out a bunch of MGN to the marines coming through the airport in Bangor Maine as they came back from the Gulf War. They liked it. Actually I was sitting at home, whining about "ticker tape parades" when my ever supportive and sensitive wife gave me the

"quit sniveling, ancient history, do something positive for these guys" rap. It was nice to see the MG guys from the Marine Corps Combat Engineer Unit I talked to, smile, and when I told them I was in the Army CBT Engineers, I was told how incompetent Army was. Well, I know they enjoyed MGN, because I pointed out how many pictures with simple captions there were in MGN, so they could follow the story lines.

Your AR replacement pin works great, and I'm sure that the Rafficarians will let me know how your Colt barrels are. Ken, are you SURE that bayonet lugs don't deplete the Ozone layer?

Q I will be traveling to Austria, Germany and Switzerland this fall for a driving vacation. Since I enjoy the MG sport over here, I thought perhaps you could suggest some ranges etc. that cater to the MG enthusiast. Obviously, if these places exist, they are not listed in the tour guide directories.

I enjoy MGN very much.

Sincerely, Robert

P.S. I'll be leaving Sept. 15th, how's that for short notice. Also, I'll pass on to your readers any good spots to visit.

A I like this idea, guys. All of the foreign subscribers would sure help if they sent a note telling us in other countries where we can shoot or at least look at museums. I'll personally put the list together for the next issue if you all will respond- MGN's Fax line is 501-623-9832.

Q I have an MP40 movie prop gun and need info on ammo mostly, where to get it. If you don't know this info please put an ad in the wanted section. I just sent in my renewal for 1 yr. The ammo seems to be 9mm and the firing pin is in the chamber instead of the back of the bolt and the gun is Japanese made. Enclosed is an SASE.

Thank You. James

A Not a lot of help from me on this one- I already steamed off the stamp and gave it to my congressman for his "Re-election campaign" fund. We really need someone knowledgeable on the movie guns to answer this and a number of other questions- any takers?

> Questions to: Dan Shea c/o MGN PO Box 759 Hot Springs, AR 71902

Training Videos NOT Show & Tell

Personal Limitations in Tactical Handgun, Shotgun & Submachine Gun

This video was prepared from a two-day live training program at PPS's outdoor facility in the Pocono Mountains. The purpose of the program was for each participant to know his limitations with carry handgun, combat shotgun and submachine gun. The submachine gun was covered because in attendance were law enforcement participants who are issued SMG's in their line of duty & people involved in international travel where they can become victims of terrorism. This series will be most beneficial to instructors working with these three weapons and advanced students of small arms. Parts I through IX (3 tapes) Running time: Approximately 4 1/2 hours

§134.95 VHS (for 3 tapes) \$149.95 Beta (for 3 tapes)

Introduction To Select Fire Submachine Guns

This program takes a novice through the history and development of submachine guns and both strong & weak points. It also covers both open both & closed bolt submachine guns, along with various shooting stances & firing techniques. Running time: Approximately 5 hours (3 tapes) \$149,00 VHS (for 3 tapes) \$164.00 Beta (for 3 tapes)

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This video covers the UZI submachine gun which is one of the most tried and tested open bolt submachine guns in the world today. It is a general purpose weapon which cycles at 650 rounds per minute. Also the S&W 76 submachine gun which cycles at 720 rounds per minute and is no longer manufactured by Smith & Wesson but it is available on the Class 3 market and it is an excellent general purpose weapon. Finally the last covered is the Mac 11-9 mm submachine gun which is a special purpose weapon & cycles at 1200 rounds per minute. It is manufactured by S.W.D. and with a muzzle extender or sound suppressor, it is quite controllable. Running Time: Approximately 40 minutes \$29.00 VHS

The Role of the Submachine Gun in Police Work by Attorney T. J. Mullin

Attorney Mullin demonstrates 12 different weapons & explains their advantages for law enforcement. Running Time: Approx 35 minutes
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Hackathorn/Lipman Handgun, Submachine Gun Certification Program Instructor Level Training
In October 1988, Ken Hackathorn of Practical Firearms Training, & Aron Lipman of Personal Protection Systems, co-instructed a program at PPS's facility in the Pocono Mountains of Northeastern Pennsylvania. This was a 30 hour intense program concentrating on carry handgun and submachine guns in both defensive and offensive posture. This series will only be available to do those who do high levels of instruction, it goes through Advanced Level I training through Advanced Level II training. To name just a few of the subjects covered...single entries, double entries, proper utilization of cover, paint gun scenarios utilizing entries and much, much more. Running Time: 10 hours (5 tapes)
\$245.00 VHS (for 5 tapes)\$270.00 Beta (for 5 tapes)

John Farnam of "Defensive Training" Instructing His Techniques with the Submachine Gun
John emphasizes on long burst techniques with the submachine gun on this video. Running Time: Approximately 90 minutes \$99.00 VHS

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Machine Gun News Survey Results

The results are in. Thank you for responding. Your input has helped give us a better understanding of what you would like to see in Machine Gun News. It also gave us a better picture of who a typical Machine Gun News reader would be.

The average person who subscribes to Machine Gun News was an avid handgun, rifle and/or shotgun owner long before becoming involved with fully automatic weapons; this was merely a natural extension for those who are driven to explore the full range of firearms experience.

Some readers did not own a machine gun but owned other guns. This was due to either their state of residence or they became a subscriber because they are interested in buying their first machine gun.

PERSONAL

99% Male

1% Female

42 Average Age

ANNUAL INCOME

1 % Under \$10,000

6% \$10-\$20,000

14% \$20-\$30,000

15% \$30-\$40,000

18% \$40-\$50,000

46% Over \$50,000

EDUCATION

17% High School

24% Junior college or some college

31% College

46% Post-graduate college

GUN RELATED HOBBIES

51% Hunting

34% Competition

82% Collecting

92% Pleasure Shooting

50% Reloading

OTHERHOBBIES

18% Aircraft

33% Cars

30% Computer

6% Golf

22% Electronics

26% Fishing

26% Pleasure Boating

GUNS & ACCESSORIES

This is an average figure compiled from the respondants who were not dealers.

12 Handguns

10 Rifles

5 "Assault Rifles"

3 Shotguns

3 Machine Guns

1 Suppressors

4 Scopes

.5 Lasersights

AMMUNITION

How many rounds do you fire a year?

1% Under 200

16% 200-1000

33% 1000-3000

50% over 3000

RELOADING

42% Load your own ammo

11% Buy mostly reloads

47% Buy mostly new loads

PLANNED SPENDING FOR GUNS AND ACCESSORIES

7% \$0-\$499.

14% \$500-\$999.

22% \$1,000-\$1,999.

37% \$2,000-\$5,000.

20% over \$5,000.

WHAT READERS WOULD LIKE TO SEE IN MGN

We asked readers to rate each subject on a scale of 1 - 10 (10 being the highest rating. More than one could have the same rating)

8 Machine Gun Historical Articles

9 Machine Gun Evaluations

7 Machine Gun Customizing

7 Suppressor Articles

7 Accessory Articles

7 Machine Gun Shoot Reports

7 Machine Gun Competitions

8 Photo Disassembly in an Article

6 Reloading Information

7 Interviews

DEPARTMENTS

We asked readers to rate how much they liked each department on a scale of 1 - 10. (10 highest)

9 Raffica

8 The Forms

8 What's New

6 Tinkering with Thompsons

7 Archive Photo of the Month

SELECTED COMMENTS

"We need more "how to" articles and reports on military issue weapons."

"I live in California. Your magazine is the next best thing to owning an auto. Great Stuff!"

"Almost perfect, love to see more pages per issue, more pictures."

"Lets have an in-depth look at the G.E. Mini-Gun with as many pictures as possible."

"The magazine has a unique character: point of view. If it ain't broke, don't fix it:

"I've been a subscriber since you were printing on newsprint. I liked it then, I like it better now."

"More articles written by enthusiasts about their personal experiences with m.g.'s. Not gun evaluations, but anecdotes, histories and stories about readers experiences."

"I like the Events Calendar. Enjoy seeing how things work, old and new."

"I used to loan out my MGN till someone kept it."

"I've subscribed since your first issue. Wonderful evolution of a periodical."

During the last five years we have developed a loyal readership. The positive comments were overwhelming. Most readers liked all of the articles. If they had to pick a favorite it differed from reader to reader. There was no single article or department that was the consistent favorite.

The only negative consensus of opinion was to add more pages. We started out veight pages in the beginning and we are now at fifty-two pages. Our plan, with your help, is to continue to grow. MGN

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C1 Canadian FAL-308, Wood Stock, with Bipod, Good Cond Colt M16, Very Good Colt M16 Commando Colt M16A1 U.S. Property Marked, Good Condition Colt M16A1 U.S. Property Marked, Good Condition	\$2500
Colt M16 Very Good	\$1000
Colt M16 Commando	. \$1900
Colt M16A1 LLS Preparty Made of Good Condition	. \$2500
Colt MITOAT U.S. Property Marked, Good Condition .	. \$1995
Colt 9MM CAR	. \$2500
Colt XM16E1 U.S. PropertyMarked, Excellent	. \$2295
Colt M16 Carbine	. \$2600
Colt M16 Model 614	. \$1750
Danish Madsen 50, 9MM,	\$1250
FN FAL 308, Pre-86 DS	\$1600
FNC Para by S&H	\$1795
HK 51, Used	\$1750
HK 51-308 New	\$2050
HK MP5K, NIB	¢2175
HK MP5K used	\$10F0
HK MP5K ,used . HK MP5A3, by Ciener – .	Φ0750
HK MP5A3, Reg. Red. Seals Lower, all German parts	\$2750
HK MPSAS, Reg. Red. Seals Lower, all German parts	. \$3500
HK MP5SD, by Qualified	\$2975
HK MP5SD A3 by S&H	\$3400
H&R M16A1, U.S. Marked, New	\$3300
HK MP5SD A3 by S&H H&R M16A1, U.S. Marked, New M3 Guide Lamp M3A1 Guidelamp Pre-86, DS	\$1795
M3A1 Guidelamp Pre-86, DS	\$1295
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Ruger KAC556F,Folder Star 63 9MM, Pre-86 DS	\$1495
Star 63 9MM, Pre-86 DS	\$1395
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Ruger 10/22, Stainless								.\$ 495
Ruger 10/22								.\$ 425
Ruger KMK 22								.\$ 579
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Walther TPH 22								.\$ 599

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Scattered Shots

by KEN CARTER

"Fellow Texans, I am proudly Standing here to humbly say... I assure you, and I mean it! Now, who says I don't Speak out as plain as day?

"And fellow Texans, I'm for progress, And the flag...long may it fly! I'm a poor boy come to greatness, So it follows that I cannot tell a lie!

(Chorus)
"Oooooo, I love to dance a
little side-step!
Now they see me, now they don't...
I've come and gone!
And oooooo, I love to sweep
around a wide step.
Cut a little swath and
lead the people on!"

"The Sidestep", The Best Little Whorehouse in Texas

Ross Perot's game plan seems to be to avoid any serious discussion of the issues for as long as he can. And so far, it's working.

By spray-painting his platform with vague, Good Ol' Boy endorsements of Mom, Apple Pie and The American Way, Perot has attracted a throng of supporters who see in him a savior to lead them from the swampland of political stench.

Listen to his rambling responses to inquiries about his position on anything from gun control to birth control, and everyone is virtually guaranteed to hear something with which they can agree. He doesn't favor taking guns away from the hunters and collectors, he says. But, at the same time, he's not sure why anyone "needs" semi-automatic firearms or machine guns. He feels that a woman has a right to choose whether or not to have a child, but hastens to add that we must always remember that "every little life is precious". We need to "take a

look at" this problem with the national debt, and "do something" about crime.

Can we really accept that a man who was shrewd enough to build a 3.5 billion dollar empire does not have very distinct ideas about how he would run the biggest business in the world? Or does he plan to surprise us? Vote with your heads, folks, not with your hearts.

By the way, Perot himself is reported to own a machine gun (an American 180) and an assault rifle (a .30 M1 carbine), so maybe he only feels that it's US who don't need them!

h-oh. Looks like I did it again. A friend recently chastised me for referring to a semi- auto firearm as an "assault rifle". He accused me of employing a buzzword that "they" - the anti-gun media - have brainwashed the public into believing is descriptive of any self-loading long-gun.

A better term, he says, is "militia rifle". Point taken.

ast month, in our interview on the NRA, Neal Knox told us that Michael Gartner, the president of NBC News, was expected to use his organization to propagandize for repeal of the Second Amendment.

Almost simultaneously, reader David Felstein sent us a copy of H.J. Res. 438, a joint resolution filed March 11, 1992, by Congressman Major Owens, D-NY, that reads as follows:

"Proposing an amendment to the Constitution of the United States repealing the Second Amendment to the Constitution. Resolved by the Senate and House of Representatives of the United States of America in Congress assembled (two-thirds of each House concurring therein) that the following article is proposed as an amendment to the Con-

stitution of the United States, which shall be valid for all intents and purposes as part of the Constitution when ratified by the legislatures of three-fourths of the several States within seven years after the date of submission for ratification: Article - The second article of amendment to the Constitution of the United States is repealed."

You may have noticed that, in light of recent Supreme Court rulings, as well as findings by scholars regarding attitudes on individual gun-ownership expressed by those who drafted the Constitution, the anti-gunners have about given up trying to convince us that the Second Amendment only applies to the National Guard. Now, it seems, they intend to convince the American people that the right to keep as bear arms has outlived its necessity.

They won't accomplish their goal this year, of course, or the next, or perhaps in the next twenty, but gird your loins; the battle is joined.

And the media, which reveres the First Amendment, will trip over itself in a selfdestructive rush to abolish the one thing that guarantees its cherished Freedom of the Press.

As bad, and maybe worse, is a proposal by Republican Senator John Chaffee of Rhode Island that would essentially outlaw the private ownership of handguns in this country.

Under Chaffee's scheme, owners of the estimated 67 million of these guns in the U.S. would have to sell them to the government - he figures \$25 to \$40 should be adequate compensation - or face up to 5 years in prison and a \$5000 fine!

The bill, expected to be filed as soon as Chaffee rounds up some fellow radicals a co-sponsors (Howard Metzenbaum oug to jump on this one), would eliminate the manufacture, sale, purchase, possession, transfer, receipt, import, export or trans-

portation of all handguns unless they were destined for the military or police. The lone exception for civilians would be guns owned for "bonafide target and sport shooting" (whose interpretation?), and these ould have to remain under the lock-and-key control of "federally licensed handgun sporting clubs", a la Great Britain.

The most immediate threat from the above pieces of legislation, of course, is that they make the Brady Bill seem "reasonable" by comparison.

I wonder where Sen. Chaffee stands on the private ownership of machine guns?

During the aforementioned interview with Knox, the subject of the machine gun community endorsing its own candidate for the NRA Board of Directors was raised. The name of Mike Dillon immediately sprang to mind.

Dillon, president of Dillon Precision, seems infinitely qualified: he has business savvy, is an ardent and articulate defender of the Second Amendment, and his enthusiasm for full-auto gadgets could probably be counted on to sway some of the more ambivalent board members. Hell, all he would have to do is expose them to his Machine Gun Magic video!

What do you think? Maybe MGN buld start a "Draft Dillon" movement.

The floor is open for discussion.

According to Aviation Week and Space Technology, an aide to Russian President Boris Yeltsin has come up with a novel use for all those huge SS-18 intercontinental ballistic missiles that are littering the landscape.

Pack the "warheads" with food, blankets and other disaster supplies, he suggests. Then, when there's an emergency in some remote corner of the globe, just lob a rocket in that direction.

Take note, earthquake survivors: if radar picks up an incoming ICBM, don't panic; it just means that help is on the way!

CHEAP SHOTS

"Seems like Bill Clinton's troubles started when he claimed he never inhaled. Then there's Jerry Brown...who's never exhaled!" - Johnny Carson

resident Bush: "Dan, what do you think about Roe Vs. Wade?"
Vice President Quayle: "I'd rather float."

- Robin Williams



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M-11 9mm new in box was \$599. now \$499. Two exc. cond. Were \$499. ea. now \$399. ea.

Browning A4's with tripod, original GI stamp on right sideplate with cross cannons. Were \$2600 ea. now \$2500.

1919 A4 (shooter) just parkerized, sharp. Was \$2295. now \$1995.

HK 53 Caliber .223 Seargun Manufactured by S&H Arms of Oklahoma, Inc. Exc. plus condition. Were \$2,895. each now \$2395 ea. Colt CAR 15 Shorty Sear Gun.

Was \$2495. now \$1795. AK-77 Real rare in 308 Winchester (7.62x51)

Pre-May Dealer Sample Yugoslavian mfg. with four mags. Was \$2895. now \$2495. Thompson M1 M1A1 Receivers fully transferable with parts. We have three of only six in the world that are fully transferable. Billistics manufactured.

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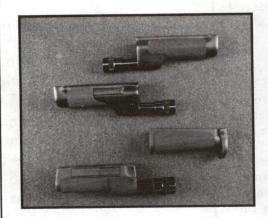


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What's New

by Chris A. Choat

POSI-GRIP WEAPONSTOCK TEXTURING



eveloped for and utilized by military and law enforcement special operations personnel, POSI-GRIP Weaponstock Applications are now available to the general shooting public. This product has been well received by professional shooters and tactical teams who have to handle firearms under adverse conditions such as while wearing gloves, in rain or snow or while hands are wet. Essentially a practical modification, POSI-GRIP Texturing presents an attractive appearance. Precision-cut

black checkered neoprene skin is applied to contact areas of the users synthetic stock furniture (forend and/or buttstock) utilizing a high-strength bonding mechanism. The product is guaranteed for one year from date of application. POSI-GRIP Texturing is currently offered for H&K MP-5/94 stocks and forearms, CAR-15/16 type buttplates and Laser Products Tactical Light Forearms (with others in development). For more information or to place an order contact K.J. Ryan, Distributor, Dept. MGN, P.O. Box 16280, Pittsburgh, PA 15242-6280.

MINIATURE MACHINE GUN REPLICAS

new line of miniature replica machine guns is now available from Hoover's Manufacturing Company. All miniatures are highly accurate replicas of a wide variety of weapons. The tiny guns are diecast metal and are intricately detailed. All guns have moving parts and removable magazines. They can even be cocked and will fire miniature caps for added



realism. Most guns come with accessories which include (where applicable) bipods, scopes, retractable stocks, bayonets, ammo belts and ammo boxes. Eleven different models are available which include an M-60, M-16, Uzi, Daewoo K-1 and K-2, M-2 Carbine, Luger pistol, Broomhandle Mauser and an M-16 with an M-203 grenade launcher. There is also a replica of the new military M-4 which also has an M-203 attached. Hoover's also has an AK-47 which is 22 inches long. An example of the detailing on the M-60 includes an opening top cover, retractable bolt, fold-up rear sight, folding carrying handle, ammo belt and box, folding bipod legs and a complete tripod. The M-60 also has a two stage trigger and will fire two caps in quick succession. All models come with stands for display. For more information contact Hoover's Manufacturing Co., Dept. MGN, 4015 Progress Blvd., P.O. Box 516, Peru, IL 61354. Phone: 1-815-223- 1159. Fax: 1-814-223-1499.

CAR-15 CHEEKPIECE FROM GLASER/CHEROKEE, INC.



New for CAR-15/16 users is a cheekpiece that allows much easier use of scopes on these guns. The cheekpiece raises the shooters cheek and gives the proper cheek to stock weld for scope use. The device is made of polypropylene which makes it impervious to almost everything. It is very lightweight, snaps on or off quickly and easily yet once attached is very secure. The CAR CHEEKPIECE fits all Colt, SGW, Eagle and similar CAR stocks. The cheekpiece is guaranteed for life and is made in the USA. For information contact Glaser/Cherokee, Inc., Dept. MGN, P.O. Box 8223, Foster City, CA 94404. Phone: 1-415-345-7677. Fax: 1-415-345-8217.

PC BULLET NOW EVEN BETTER

PC BULLET, the ballistics program from ADC, Inc., is now available in a new upgraded version. This new version of the popular external ballistics program is the best ever. Now you can use your mouse or keyboard for faster, easier calculations. The new version offers much improved graphics and supports even more printers. Graphs are faster, look better and include plotting symbols, grid choices and can be scaled. Data is now also available in bar graphs. The new Metric Ranges option lets you view data in English units and ranges in meters-perfect for



silhouette, combat and international events. With the new 3.0 version you can now print better looking reports with more report options and add firearm data to your favorite load files. The File Manager feature lets you save, copy, delete and open project files easily and quickly. ADC, Inc. now also offers two new programs to further enhance PC BULLET. Their new COMMERCIAL AMMUNITION LIBRARY lets the user see how commercial ammunition performs or compares to handloads. Over 700 commercially available cartridges are profiled. New data is included for all cartridges from A-Square, CCI/Blazer, Hornady, PMC, Remington, Weatherby and Winchester. PC LOADER does for internal ballistics what PC BULLET does for external ballistics. Now you can calculate powder type and charge weight from cartridge and firearm data. This new program also calculates muzzle velocity change with variations in air temperature as well as calculating recoil. For more information on all of these fantastic new programs contact ADC, Inc., Dept. MGN, 32654 Coal Creek, Scappoose, OR 97056-2601. Phone: 1-800-869-9461. Fax: 1-503-543-5990.

German Machineguns

by Daniel D. Musgrave (2nd Ed)

"German Machineguns", by Musgrave has been the definitive work on the subject since it was written. Long out of print and sought after by machine gunners and German collectors, this second edition is upgraded and added to by noted firearms historian and author Thomas Nelson. At 586 pages, this hardcover tome will shed light on many aspects of the German manufacturing process and history from the 1890's to the Post WWII re-arming period.

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The Ammo Bunker

EXOTIC AMMO A User's Guide by DUTCH HILLENBURG

7 ith memories of Knob Creek fresh in my mind, the most vivid image is the sight of hundreds of tracers streaking downrange during the Night Shoot. With the exception of the military, Knob Creek and similar big shoots are the only chance most of us have to experience what exotic ammo is all about. With exposure being so limited it logically follows that knowledge also tends to be rather limited. Most of us learn by trial and error. I think all of us can relate to the experience of having serious sticker shock at the gun shows. We'll find something interesting at a gun show, it's expensive so being cautious we buy a few for testing. After we discover how great it was, we rush back to discover that they just sold the last round in the Northern Hemisphere or the price has tripled.

After a while, we all pick up some knowledge by word of mouth but there just hasn't been a central forum where information can be exchanged. After several discussions with MGN's publisher Vida Ford, I agreed to attempt to address the problem by writing a regular column. Be advised, I like to follow Dan Shea's lead by referring to myself as a Reasonably Knowledgable Individual (RKI). I invite all readers to feel free to contribute any worthwhile information or suggestions. Additionally, I invite suppliers to send samples for test and evaluation. If you've got a good product, we'll pass it on. If you've got something to hide...

Exotic ammunition consists of either military surplus or commercial specialty items both of which can vary greatly in quality and reliability. Military surplus ammunition tends to suffer from old age and poor storage conditions. Commercial ammunition can suffer from either poor design or execution and sometimes both. Exotic ammunition falls into one or more of the following categories:

- 1. <u>Tracer</u> A small pyrotechnic charge in the base of the projectile burns making the round's trajectory visible to assist in directing fire. Some incendiary effect as well.
- 2. <u>Incendiary</u>- Similar to tracer but designed to fragment and ignite upon impact and start fires in gas tanks, etc..

- 3. Armor Piercing- Projectile contains a core of hardened steel or tungsten carbide which penetrates target's protective layers.
- 4. Riot or Animal Control- This covers a variety of items which are less lethal than standard ammunition. These include tear gas, rubber buckshot and rubber bullets.
- 5. Anti-Personnel- These are specialty loads designed to inflict particularly nasty wounds. The military doesn't use these as they tend to be prohibited by things such as the Geneva Convention as inhumane. Police and civilians aren't restricted however. These items include hollow points, buck 'n ball, bolo rounds, BAT rounds, etc..
- 6. <u>Signal or Illumination</u>- This consists of smoke grenades, star cluster shells, parachute and trip flares, etc..
- 7. Explosive- Generally speaking this is big bore stuff (20mm and up) but there is small caliber stuff out there. It tends to high exotic military sniper issue such as WW II German B-Patron which saw only very limited use or it may be a commercial specialty load which may be nothing more than a shell primer glued in a hollow point's cavity. Duh! There is some neat stuff out there however, and we'll look at some in a future issue. It's worth mentioning that John Hinckley used explosive tipped bullets when he shot President Reagan in 1982. Thankfully, they were as defective as Hinckley. None worked.

Remember, these are only general categories and many types of ammunition could fit under more than one category. This is especially true of military combination rounds such as APIT-Armor Piercing Incendiary Tracer which combines aspects of each category into one really bitchin' round. Also, remember that laws regarding exotic ammunition vary greatly across the country. Know the laws in your community.

Depending upon what you are getting, prices on exotic ammo range from pricey to downright "saw my arm and leg off" pai fully expensive. Most of us regular folkend to splurge on tracers if a good deal comes along but we tend to be real tightwad misers on buying commercial specialty

loads. Most of us just aren't going to put a thirty round magazine of mixed 9mm incendiaries and tracers rounds through our Uzi or MP-5.

If we're buying something we've never seen used before we're likely to buy as small a quantity as possible, preferably a single round. If someone we know and trust tells us in glowing terms how truly incredible a round it, how it is greatly underpriced and likely to be declared illegal, immoral and fattening by the Gun Police and describes in graphic detail how firing single rounds induces exhiliaration while popping off multiple rounds allows the shooter to bask in a warm post ammo after glow for the next two days we'll seriously consider making a big splurge but we'll work ourselves into an ucler in the process.

In reality, after making our one round buy, conducting an impromptu test and evaluation session on a steel plate or a milk jug full of Jello gellatin we decide if we got our money's worth. If we're happy, we tell our friends and buy more. Unless we're buying something like military surplus armor piercing or tracers we probably aren't going to buy very many as most of us insider exotic ammo an interesting novelty. We'll buy several more rounds to play with and we'll buy a few more to put back for the hard times to come. A friend has named this stash of recreational novelties a "Robinson Crusoe Box". Good name.

Specialty loaders are aware of these buying habits and they do what they can to be reasonable while still making a living. Making specialty loads tends to require a good sized investment up front and tends to be labor intensive as well. If it's not a fly by night outfit they often build their product around quality factory components. After you figure material, set up costs, packaging, advertising and labor costs it is a little more understandable why exotic ammunition costs several times the cost of a mass produced military surplus ball round.

Try to be realistic when haggling on exotic ammo, the dealer is probably making a much smaller mark up than you think. In future issues I'll give you my opinion on hat's out there and hopefully take some of the guessing out of your next shopping expedition at the big gun show. Rock-n-roll!



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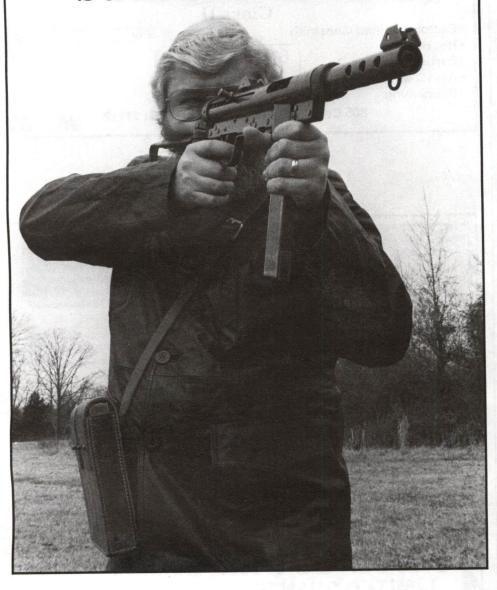
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The Carl Gustav M45 Submachine Gun



by AL PAULSON

nown as the "Swedish K" in the States and the "Carl Gustav" everywhere else, the M45 remains one of the best open-bolt submachine guns produced after World War II. Furthermore, its innovative and reliable 36-round magazine has inspired a number of subsequent designs. But the gun's primary mystique for Americans is that the Swedish K was highly prized by SEALs, spooks, and Special Forces in Southeast Asia during the Vietnam era.

Development of the M45 began in World War II. The value of an inexpensive submachine gun produced in large quantity had become painfully apparent to Sweden, which only had a limited number of Suomi, Bergmann and Thompson submachine guns. As Stalin had said, "Quantity has its own quality."

Nevertheless, the Carl Gustav Stads Gevarsfaktori (now part of the FFV consortium) in Eskilstuna wished to develop a quality weapon largely made of stampings that could still be mass-produced quickly and cheaply. Development began in 1944, and the new gun was officially adopted by the Swedish army as the "Carl-Gustav B-Kuhlsprutepistol M/45, 9mm" just before the end of the war in 1945. Actual production, however, did not begin until after the war

Carl Gustav M45 submachine gun with 8-cell leather magazine pouch. Photo by Polly Walter.

While the gun itself might be viewed a beefed-up Sten which has evolved to logical conclusion, the evolution of the Carl Gustav's magazine has followed a very different path.

The original M45 used the unique 50-round Suomi magazines which were both reliable and available in quantity. The Suomi magazines are of the double-column, single-position feed variety. Each column of cartridges employs its own compartment with its own follower and spring. But a new magazine of very different design was introduced in 1948.

This new 36-round magazine was tapered from back to front, producing a strongly wedge-shaped (trapezoidal) cross section. While the magazine made in Switzerland by SIG for the Solothurn S1-100 submachine gun had a light taper similar to that of a cartridge, the Swedish magazine has a much stronger taper and a wedgeshaped, two-position follower. The cartridges line up in two staggered, yet straight rows that remain parallel to each other and parallel to the bore as well. They feed from either the right or left row. All of these factors combine to make a magazir that is both reliable and easy to load by hand. In fact, European tests at the time showed that this magazine was better than all previous and contemporary designs in terms of feeding and overall reliability.

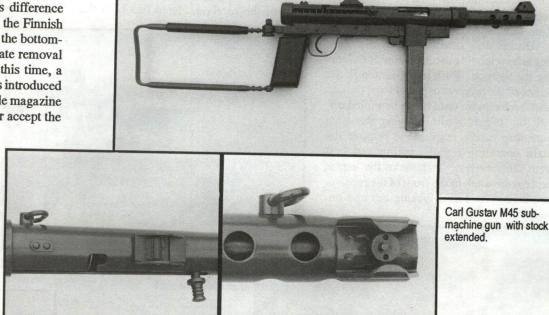
The Carl Gustav M45 was redesigned to accommodate the new magazine. It featured a magazine housing that was removable so the older 50-round Suomi magazines could still be used if necessary. (Sweden still had a large stockpile of the older magazines.) This variant of the Carl Gustav submachine gun is the M45/B. It can be distinguished by the removable magazine housing and its three holes in each of four rows in the barrel jacket (the original model had four holes per row).

By 1951, the 36-round magazine had replaced the old Suomi magazines. Sweden had converted the older Carl Gustav and Suomi submachine guns to accept the new magazine. Guns were modified by milling a small cut on the lower receiver at the top of the magazine wall. Finland performed the same retrofit, as well, on its Suomi Model 1931 submachine guns. The same magazine was also used by the Danish Hovea M49 (made at Vabenarsenalet, the government arsenal in Copenhagen) and the Finnish M44 (made

at the Tikkakoski Arsenal). All three countries manufactured variants of the new 36-round magazine, which were interchangeable. The only conspicuous difference among the magazines was that the Finnish riants featured a large ring at the bottom-ront of the magazine to facilitate removal from its magazine pouch. At this time, a second model of the M45/B was introduced which no longer had a removable magazine housing and so would no longer accept the Suomi magazines.

Slightly modified variants of the Carl Gustav magazine were used for the Walther MPL and MPK submachine guns, the Erma Model 60, and the Czech Models 23 and 25. The Smith and Wesson Model 76 submachine gun also used the Carl Gustav magazine.

The basic design of the Carl Gustav M45 is very similar to a Sten, except that it is not select fire, but rather full auto only. The Carl Gustav, however, is made from heavy stampings of much higher



Top view of receiver showing safety notch invented by Hugo Schmeisser, and the three-leaf U-notch rear sight which is set for 100, 200 and 300 meters.

The eccentric post front sight screws up or down to simultaneously adjust for both windage and elevation. A complex flat spring that normally locks against the rear serrations of the sight base is missing. This delicate spring is the only design flaw of the weapon, and it rarely survives, even on pristing guns.



The M45 disassembles into 7 basic components. The barrel, bolt and main operating (recoil) spring show a striking similarity to the Sten submachine gun.



Carl Gustav M45 submachine gun, which is also known as the Swedish K in the United States, with stock folded.

quality. The folding stock deploys quickly, provides an excellent and repeatable cheek weld, is covered with rubber for comfort (especially important in cold weather), remains rigid during firing, and stays out of the way when firing with the stock folded (this latter procedure provides disappointing accuracy, as one would expect). This is one of the best folding submachine gun stocks ever invented.

The lack of a selector is not a tactical liability since gun's very crisp trigger, slow clic rate and unusually smooth action make it easy to squeeze off single rounds. Accuracy of single shots is good for a second-generation, open-bolt gun. Full-

auto fire provides superb hit probability thanks to the gun's muzzle-heavy balance, smooth action, well-designed wooden pistol grips, and excellent stock. It seems to be the most controllable open-bolt submachine gun I've ever fired.

To deploy the stock from the folded position, grasp the gun with the left hand, and the butt portion of the stock with the right. Simply pull the stock back into position. It will lock with an audible snap. To fold the stock, grasp the rear of the receiver with the right hand so the thumb can push the catch above the top hinge to the left. Jerk the stock to the right with the left hand, and pivot the stock against the receiver.

The Carl Gustav has two safeties just like the ones on the Sten Mark II. The first safety remains the notch Schmeisser designed for the MP18, which captures the bolt in the open position when its retracting handle is pulled fully to the rear and is hooked upward into the safety notch. The second locks the bolt in the closed position by pushing the bolt-retracting handle into a hole in the left side of the receiver.

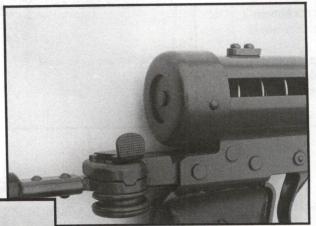
Sweden used a special high-velocity variant of the 9x19 mm Parabellum cartridge for the Carl Gustav, known as the "M39B 9mm Parabellum". An unusually thick jacket gave the round the ability to penetrate a steel helmet at (continues)

400 meters. The M39B round produced too much pressure for use in pistols. The Carl Gustav functions reliably with lower-pressure rounds, including generic American ammo, but at a lower cyclic rate.

Disassembly is very similar to a Sten. Begin by removing the magazine and clearing the weapon. Push in the button in the center of the receiver cap, and twist the cap counterclockwise until it can be pulled off. Pull the trigger while drawing the bolt-retracting handle rearward to remove the main operating (recoil) spring and bolt from the receiver. To remove the barrel, depress the catch in the front of the receiver just below the barrel-locking nut and un-

screw the nut (which is attached to the barrel jacket and sight assembly). Remove this assembly and pull the barrel from the front of the receiver. Note that both the barrel and barrel jacket assembly have notches that index to a tooth protruding from the receiver. Further disassembly is not required. Reassemble in reverse order.

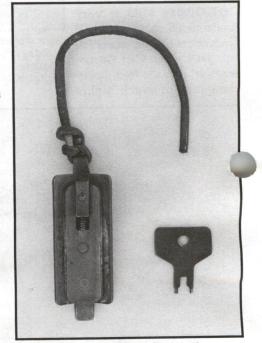
Numerous accessories were developed for the C Gustav. Clip-on luminous night sights were provided in a small leather case. Ingenious 36-round stripper clips and a superb loading tool with hand-operated plunger enabled loading magazines in several seconds. The wonderful Rapid Loader and Uni-Clips made by C3 Systems is inspired by this design. It is probably the best hand-operated magazine loader



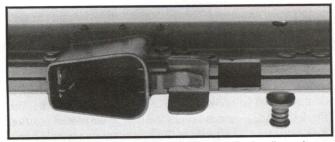
Above: Details of the excellent locking mechanism for the folding stock. The thumb catch is only manipulated when folding the stock.

Left: Close-up view of receiver markings on the M45/B variant used to illustrate this article. Note the royal Swedish crown adjacent to the serrated barrel nut.

Caliber	M39B 9mm Parabellum
System of operation	blowback, open bolt, full-auto fire only
Cyclic rate	550-600 rpm
Weight	7.6 lb (3.4 kg)
Feed device	36 round, double-column, two-position feed box magazine
Length overall, stock extended	31.8 in (80.8 cm)
Length overall, stock folded	21.7 in (55.0 cm)
Barrel length	8.0 in (21.2 cm)
Front sight	adjustable post
Rear sight	open U-notch L-type flip set for 100, 200 and 300 meters

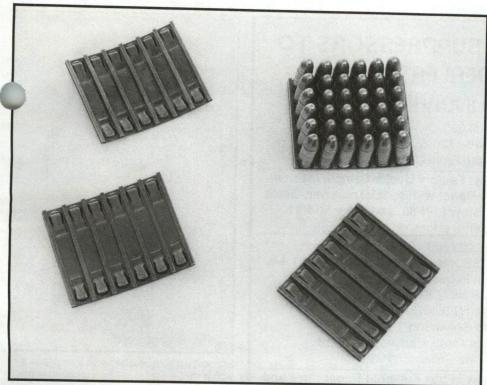


The underside view of spring-locked ejection-port cover with leather thong, and adjustment tool for front sight.



Details of the magazine release and well. The operating handle can be pushed into a hole on the opposite side of the receiver to lock the bolt in the closed position—just like a Sten Mark II.





Loaded and empty 36-round stripper clips for the Carl Gustav.

ever invented. While original Carl Gustav stripper clips work in the Rapid-Loader, none of the Rapid-Loader models will accept the Carl Gustav magazine. There just aren't enough Swedish Ks on the BATF registry to justify the tooling expense. But r the more common submachine gun or affle magazines, the Rapid Loader clone of the Carl Gustav loader is probably the best game in town.

Another accessory for the Carl Gustav was an ejection-port cover (painted bright red) which clipped into the port with the bolt cocked, making it impossible for the bolt to jump forward and fire a round. Thus, sentries could conduct their duties with a loaded weapon. Pulling a leather thong instantly removed the cover so the weapon could be fired. This arrangement is not quite as quick as a well-designed safety operated by the thumb, but it is still a good solution to a very real problem. Unfortunately, the cover would be lost in combat the first time it was used, so the device was only issued for sentry duty.

An elegant blank-firing device required changing to a special barrel, which was a quick and easy operation. A special practice round with plastic bullet was used in the standard magazines. The special smooth-bore barrel would crush the bullets, and a special muzzle device would deflect my small particles and expel them as a marmless puff of smoke," according to factory literature.

Another factory round with plastic bul-

let was issued for training with targets at ranges up to 50 yards. A small steel ball was cast into the tip of the plastic bullet. The blank-firing barrel was used for this round as well, but with the muzzle device removed. The barrel would crush the plastic bullet, and the steel shot would continue downrange. If a live round was accidently fired into the practice barrel, its constriction would trap the bullet without damaging the gun or anyone downrange.

A sight-adjustment tool was issued to turn the front sight, which was a post machined to one side of a threaded base. Since the post was eccentric, screwing the base up or down could be used to simultaneously adjust for both windage and elevation. This system was later incorporated into the Uzi.

Another accessory was fastened over the ejection port to catch spent brass. This device was used during training and, at least theoretically, was issued to vehicle crews as well. The device may have been inspired by a design manufactured by Theodor Bergmann Abt. Waffenbau, in Suhl, Germany, for the MP35.

Several hundred thousand M45/B submachine guns were manufactured, and the gun was widely marketed commercially as the "Carl Gustav". The gun was sold to the Swedish army, Indonesia, Denmark, Ireland and the United States. A variant of the Carl Gustav with a bayonet lug was called the M45/C. It is still used with bayonet attached by (continues)

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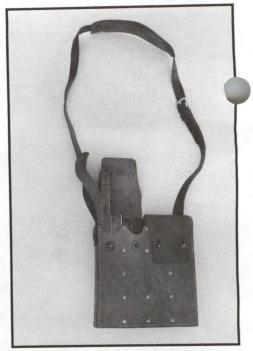
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Eight-cell leather magazine pouch showing how a leather strap is used to pull the first magazine from the tightly packed pouch.

Swedish ceremonial guards. Sweden also manufactured a select fire version toward the end of its production run, called the M45/E. Indonesia also built the M45/B, but it is not clear whether or not that activity took place under license.

The M45/B was manufactured under license in Egypt (with Swedish tooling) starting in about 1955 as the "Port Said". These Egyptian guns are marked "Port Said 9mm MADE IN EGYPT" on the right side of the receiver. The top and left side of the receiver have markings in Arabic. The Port Said was well made, and the gun was produced in quantity. This variant can be encountered throughout the Middle East, where it was used widely during regional conflicts.

The Carl Gustav M45 generated its real mystique, however, in Indochina during the 1960s, where it was known as the Swedish K. The gun was only used in limited numbers, however, because Sweden declared its neutrality in the conflict when things really began to heat up. Sweden would no longer sell weapons to the United States. This stimulated Smith and Wesson to develop a similar weapon, the Model 76. But the Model 76 just didn't quite measure up to the Swedish K. Even decades later, the Carl Gustav M45 remains one of the best tactical tools of pistol caliber ever fielded.

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Neal Knox Interview: Politics & the L.A. Riots



Last month, Ken Carter interviewed Gun Rights advocate and NRA Director Neal Knox on the NRA Annual Meetings in Salt Lake City. In a continuation of that interview, Knox gives us his views on the pending elections, and the impact the Los Angeles riots may have upon them.

MGN: What are your thoughts on the upcoming presidential and congressional elections, and the significance of the interest being generated by a dark horse like H. Ross Perot?

KNOX: Well, the most enlightening thing, and the best news for us, is that, at a minimum, the race is going to be close. Whether we have two or three candidates in it, it's going to be nip and tuck, and that means that we are important. When we are important, politicians come over and dust off a little place and make all kinds of rash promises. And this time, I promise you, anybody who makes those promises had better plan to carry them out! There are certain things that Mr. Bush can do...actually do...since he is President, to show that he may mean whatever it is that he may say to us. I know that they are very nervous about what we're going to do. As long as they don't need us, they can give us the

back of their hand. I'm not going to say what we're going to do, and I don't think I could say what we're going to do - we're still some distance from the conventions, actually...we don't know for sure who the opponents are -but anytime the election is close, then our votes are significant, because there are enough NRA members who can tip an election

either way, and the politicians know it.

MGN: We've been speaking primarily of the presidential election. Do you have any thoughts about what will happen in the congressional races?

KNOX: The most interesting piece of information that I know of is...normally, Congress makes reservations for 40 or 50 new members of Congress to go to Harvard each election year for a crash course in parliamentary procedure and rules of the House. This year, instead of 40 or 50, they have reserved spaces for 180. Now I don't know that we're going to replace that many, but clearly we're going to see a large number of new faces. I can't imagine less than 125 new seats in Congress. That could be very good...or it could be very bad.

MGN: But the opportunity is there?

KNOX: The opportunity is clearly there. Open seats are the ones that it is easiest to get your person in. If we don't get our people in in this election, we'll have a hard row to hoe! The feminist groups are saying, just as they said in the last election, that this is going to be the year of the women. Well, they said that in '90, and it didn't happen. This year, it could happen. They've got Anita Hill they're talking about, there's the possibility of an overturn of Roe vs. Wade that has a bunch of them very upset...this is an issue that could be very hot...and we gun people have got to recognize the fact that the majority of men support gun issues - the majority of women do not. If a large number of women are elected to the Congress, we're going to be hurt. This is a generality, of course. We've got a lot of women out there,

including liberal Democratic women, who are over on our side of the fence; there's been a change in attitude. But they are the minority. The majority of women coming in are not with us.

MGN: So it's important that we find out where our candidates stand on gun issues, then take a unified stand at the ballot boxes.

KNOX: If we don't, we probably will have had it. But we have a marvelous opportunity. Another thing that has happened is that there has been a real say-change across the nation as a result of the L.A. riots. Every newspaper in the country had stories talking about individual citizens digging their guns out and protecting themselves and their property because the police didn't, couldn't, or wouldn't protect them. The police cordoned off the areas, but they did not try to control what was happening in those areas; they merely contained it within these huge geographic areas. Anything that happened, like that truck driver who was nearly beaten to death...that took half an hour, and where were the cops? One Korean grocery store, they pulled their cars up in a circle around the front of the store, and outside that, they had an outer

perimeter made up of shopping carts; they tied carts together in order to slow down the rioters. But what really slowed 'em down, they had a group of individual citizens with private firearms. I saw one guy on the front page of the Washington Post with an MP5...or at least a semi-auto version of it...but, in any event, nobody burned that bloomin' grocery store down! They were ready for them!

MGN: There were reports of people who tried to buy firearms, but ran afoul of California's 15 day waiting period...

KNOX: That's right. And everyone of those people who went down there and tried to buy a gun was a convert to our cause. I was told that outside L.A. County, all the gun shops did a booming business. It was like it was in the Watts riots. I remember block-and-a-half long lines trying to get into gun shops in Watts in 1984. This time, though, Mayor Bradley prohibited anyone from buying, even those who had already made application and gone through the 15 day wait...they weren't even able to buy.

MGN: During the debate against the Brady Bill, theoretical situations were cited wherein a person's life might be in immediate danger, but they would be unable to get a gun to defend themselves because of a waiting period. It seems that we have now come face-to-face with that situation in very serious reality. KNOX: That's exactly right. A lot of people, including gun owners, did not realize that the 15 day wait was extended by the Connelly Bill to include all firearms...they thought it was just handguns. Connelly slipped that bill through. It impacted far more people than did the Roberti-Roos Bill, but it never drew any press at all, although there were some of us screaming like a pig under a gate!

MGN: Do you think, then, that the rioting will impact the elections? And, if so, how?

KNOX: There are a lot of the members...particularly the Democratic members...of the California Assembly and Senate who are in trouble because of the riots, and because of their votes for the...well, how would you feel if you lived in a working class neighborhood, and your legislator voted for the bill that prevented you from even buying a single-shot shotgun with which you could protect your home and family? You aren't gonna like a bit what they did to you! I'm told that Maxine Waters, an extremely liberal black congresswoman who has been against us at every opportunity...I was amazed to find out that her headquarters was one of those buildings that was selected and burned. I don't know exactly who was mad at her or why, but a lot of those people who were defenders of the rioters, and opponents of those people who wanted to have the right to defend themselves, they're going to suffer for it. Over and over, the public had been told that the police would protect them, but where were the police? It's ludicrous to think that, in a city of three million people, the cops could protect everybody!

MGN: So you think that the riots created a lot of converts? KNOX: Exactly. A whole lot of those folks in L.A., and those who watched the rioting on television, have joined the NRA...if

not in fact, at least in philosophy.

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FUTURE FULL-AUTO

CALICO'S M-900A SUBMACHINE GUN

by CHRIS A. CHOAT photos by TREVOR CHOAT

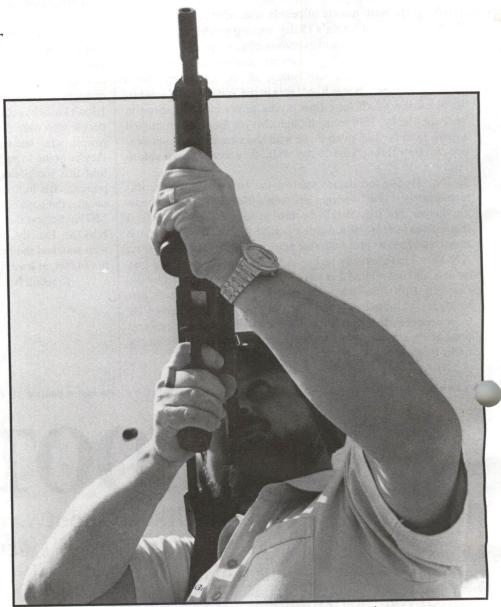
Several years ago a unique and somewhat unusual looking .22 caliber rifle was introduced. Somewhat unusual is probably an understatement as the gun looked like something that Captain Kirk would pull from the Enterprises arms locker and proceed to do battle with the Klingons. The gun had a very "space age" look, was all black and made from high strength synthetics and aluminum alloys. The gun was called the Calico M-100 and was introduced in 1985.

Aside from the radical looks of the gun it was utterly unique in the fact that it was magazine fed but not from a drum or a conventional stick magazine. The gun incorporated a revolutionary helical magazine. Using a staggered helix principle, the cartridges are driven forward (which is where the magazine feeds from) along a fluted cartridge carrier as they press against the helical walls of the magazines outer shell. The driving pressure is achieved by a torsion spring located inside the fluted cartridge carrier. Moving forward one by one, the cartridges are fed by a specially-designed feed port into the toploading chamber of the firearm. At the rear of the magazine was a winder/clutch assembly that allowed the magazine to be loaded virtually without any spring tension and then "wound up" when the gun was ready to be fired.

Using this revolutionary design the gun and magazines size was kept to a minimum. Instead of a conventional stick magazine that protrudes from either the bottom or side, the Calico's magazine was mounted parallel to the bore of the gun. This allowed the magazine to have the exaggerated capacity of 100 rounds of ammo in a length just slightly longer than a 32-round magazine.

The rimfire wonder was a big hit with the plinking crowd and sold like hotcakes. A year later a pistol version, the M-110, was introduced.

In June of 1989 Calico introduced their 9mm version of the M-100 for larger bore fans-the M-900. The 9mm guns retained the same "look" as the .22 guns and also used aluminum and synthetics is their



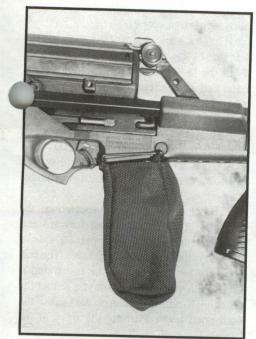
This photo taken from under the gun shows how the gun ejects the brass downward.



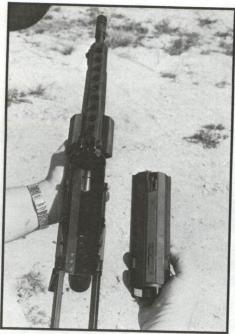
Full-auto accuracy of the Calico is very good. This target shows a fifty round, controlled burst "group" fired from 35 feet.

design. The 9mm guns are also available in carbine and pistol versions but now can use either 50 or 100 round magazines. Calico also has introduced a model geared more to police work called the M-951 Tactical Carbine.

Calico is now further pursuing the police and military market with a select-fire version of their 9mm carbine called the Calico M-900A submachine gun. Eight versions of the Calico submachine gun ar available ranging from a concealable machine pistol version to a long barrelled light carbine. I recently was fortunate



The optional brass catcher is a worthwhile accessory. The bolt release can also be seen just above the selector.



The magazine snaps in place on top of the gun, parallel to the bore. Dual magazine catches lock the mag in place.



The rear sight is an integral part of the magazine while the front sight is located on the receiver. Also shown in the photo is the clutch release button (in the center) and the fold-out winding handle.



The ejection port is located on the bottom of the un directly under the top-mounted feed port. The roles seen in the bottom of the forearm are primarily for cooling but also are used to attach the optional "Kelly" grip. The grip can be moved to any of the holes allowing adjustment to suit the shooter.



The left side view of the gun shows the charging handle (just under and to the left of the serial number) and the ambidextrous safety/selector.

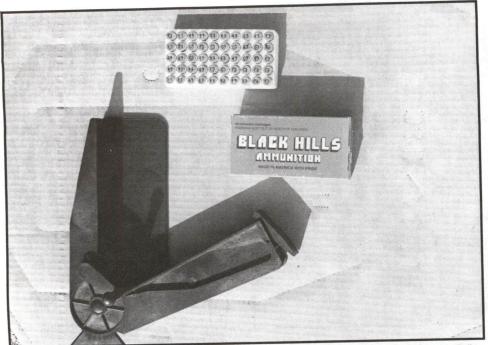
enough to receive one of these guns to test for Machine Gun News.

The eight variants all carry different model numbers. The one I tested is classified as the M-955A. This version is equipped with an 11" barrel and a sliding retractable stock. When the optional solid stock is attached to this gun it becomes the M-955AS. The gun is shipped with one 50 round magazine and a sling. Other accessories that I received with the gun included a 100 round magazine, brass catcher, magazine speed loader and a forward vertical grip which Calico calls a "Kelly" grip.

The first thing you notice about the gun is its weight. The gun is remarked light weighing in at just 5.16 pounds complete with an unloaded 50 round magazine. The receiver of the gun is made from prime-cast A-356 aluminum which accounts for the guns lack of weight. All furniture and a good portion of the magazine is made from glass-filled polymer which also keeps the guns weight to a minimum. The gun is also very compact. The particular model that I tested was a mere 24 inches long with the stock retracted. With the stock pulled out its length increased to 29.5 inches.

The Calico M-900A has so many unique features that its best if I just start at the top of the gun and work down. First, as I said, the magazine lays flat along the top of the guns receiver and feeds ammo through steel reinforced feed lips. The magazines have several "windows" in a row along the top. These windows are numbered so the user can tell at a glance approximately how many rounds are remaining. Smoke colored semi-transparent magazines are also available. The unloaded magazines alone weigh next to nothing. A 50 round magazine weights .69 pounds while a 100 round magazine tips the scales at 1.09 pounds. With 50 rounds of 9mm ammo weighing about 1.5 pounds (depending on bullet weight) this still allows the user to have a submachine gun holding 100 rounds of ammunition that weighs just slightly under 8.5 pounds. For comparison the H&K MP-5 weighs right at 10 pounds loaded with just 32 rounds of ammunition.

Another unique feature of the Calico are the sights. The receiver mounted front sight is adjustable for both windage and elevation. The front sight sits atop a post that rises approximately 2.5 inches above the centerline of the bore. On either side of the sight post are adjustment knobs. The left hand knobs controls sight height and the right hand knob moves the sight laterally for windage adjustment. The front sight is the standard blade type. (continues)



The time required to load the high capacity magazines can be reduced dramatically with the use of the Calico Speed Loader.



Fifty rounds of ammunition can be transferred directly from the box to the loader.

A hex screw can be tightened to lock the sight in place. The unique part is that the rear sight is not mounted to the receiver at all but to the top of the magazine. This sight is a flip-up aperture much like the one found on an M-16 only it is all plastic. Instead of having two apertures for different yardages one side of the sight is a peep aperture while the other side flips up to reveal a square notch blade with dual white dots like that found on most of todays handguns. While the rear sight is all plastic it appears to be very durable.

The magazine locks to the gun with dual magazine catches, one located on each side of the receiver. To release the



The loader is snapped shut trapping the cartridges inside. The magazine is then inserted into the opening at the bottom and the handle on the back side is turned to load the ammo into the magazine.

magazine you simply grab the mag and release the catches with the thumb and forefinger. Dual catches eliminate the magazine coming loose from the gun if it is struck from the side on one of the catches. As both of the catches have to be released it's just as easy to change magazines for a right handed person as it is for a "lefty".

Just below the magazine, on either side of the receiver are threaded holes, for attachment of the optional scope mount. This is a riser device that positions the scope above the magazine. An optional laser mount is also available for the gun. This mount positions a laser or light just above the barrel but low enough to still use the

guns sights or a scope.

The stock release lever is located on the left side of the gun just above the rear grip. With the lever pushed in the stock can be extended or retracted to any one of threpositions. These include the closed position, the mid-position which is just right for the 50 round magazine and fully open which is required for the longer 100 round magazine. The solid stock only has two positions to accommodate the different size magazines.

The charging handle is located on the left side of the weapon just forward and above the trigger. On the opposite side of the gun is the bolt hold-open lever. The bolt does not lock open after the last round is fired. To lock the bolt open you retract the charging handle and push on the back of the hold-open lever. Pushing the front of the lever releases the bolt.

The gun ejects the empty brass straight down out of an ejection port located just forward of the selector. The selector is ambidextrous and has three positions. On either side of the grip frame, just in front of the trigger, are small curved levers that can easily be reached with the trigger finger. When the gun is on safe the levers protruded into the trigger guard. These can be felt and let the firer know that the gun is on safe even in the dark. A pointer on the selector points to a white dot on the fram when the gun is on safe. Pushing the selector forward to the first position, marked by a red dot, allows the gun to fire semi-auto. Continuing forward with the selector allows the gun to fire full-auto. This position is marked by a red bar. The selector is grooved on its front and rear surfaces and has positive click detents for each fire control position.

The guns forearm, Kelly grip, pistol grip, buttstock and rear grip frame are all made from black glass-filled polymer which is extremely tough. The rear grip houses a pneumatic rate reducer which controls the rate of fire.

The gun fires from a closed bolt but incorporates a striker instead of a hammer. The Calico is roller-delayed blowback like the MP-5 but using a striker instead of a hammer increases cyclic rate. This high rate of fire is controlled with the rate reducer. The rate of fire on my test sample ran between 700 and 750 depending on ammunition. Cyclic rates were timed with a PACT MK III timer/chronograph with rate of fire option. I believe this rate to b the optimum for a 9mm submachine gun. The rate reducer is factory adjustable and special rates of fire can be ordered. A user

adjustable rate reducer may be offered later.

Shooting the Calico is great. Although the gun is very light, muzzle climb is very controllable. This is due primarily to a muzele compensator that is threaded on the rrel. The compensator has three slots that redirect muzzle gases. The compensator uses a jam nut and can be adjusted for either right or left hand shooters and to counter barrel swing. The barrel is threaded 1/2 X 28 making the gun a natural for the addition of a sound suppressor. At first the gun feels awkward to shooters accustomed to subguns where most of the weight is forward of the firing hand grip. The gun actually balances very well as most of the weight (the loaded magazine) is centered over the firing hand. With the stock extended and locked under the arm the gun can be controlled and fired accurately one handed.

As the gun ejects from the bottom, the brass ends up in a neat little pile in front of the shooter. This could be a problem with entry teams as brass is deposited right where the shooter will walk. This could walking on concrete, tile or other smooth floors very tricky. This problem can be solved with the optional brass catcher with consists of a nylon bag with a spring steel retainer that snaps on the mouth of the ejection port. The bag can easily hold 100 rounds of 9mm empties. Accessories such s this are usually not even considered for tactical use but this catcher works very well and does not interfere with the function of

Magazines load easily thanks to the clutch mechanism but it still takes time to load 50 or 100 rounds. This time consuming chore can be reduced to seconds instead of minutes with Calico's own magazine speed loader. This loader is a design wonder itself. To use the loader you first press a lever which allows it to hinge open in two halves. To load the ammo in to the loader it must be in a box that orients the cartridges with the bullets all pointing the same direction. The loader is then placed on top of the box of ammo and then everything is inverted as a unit. This deposits the cartridges onto a tray in the loader with the bullets all pointing up. The loader is then hinged shut and latched. The loader tray is smoke colored so you can see the rounds with the loader closed. The magazine is then inserted into the loader and any spring tension on it is released. Cranking a handle on the side of the loader transfers fifty ounds to the magazine in as little as 5 seconds. For the 100 round magazine the procedure is repeated. Once the magazine is loaded it can be kept that (continues)

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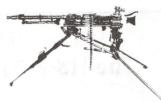
The seminars will be held near Atlanta, GA. The Range Officer's Seminar will be held on Saturday 29 August 92. The Chief Range Officer's Seminar will be held on Sunday 30 August 92. The seminars will begin at 9 am with a multi-media presentation and classroom work. On Saturday afternoon, the RO Class will go to the range for "hands-on" activities. The seminars are intended for submachine gun activities but can be applied to assault rifle activities. Attendees must take a written test and will be awarded a Certificate of Completion.

The price for the seminars is \$35.00 for the Range Officer's Seminar and \$45.00 for the Chief Range Officer's Seminar. Attendees must be members of the NFA (\$25.00 per year). Attendees must meet the following qualifications: Range Officer-Have participated in full-auto shooting for at least one year, be extremely safety minded and desire to perpetuate the sport. Chief Range Officer-Be an NFA Range Officer or IPSC Range Officer for one year or have conducted three machinegun shoots and must have completed the Range Officer's Seminar (it could be the day before).

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The heart of the Calico is its seemingly bottomless magazines. Two sizes are available; a 50 rounder, shown here on the gun, and the longer 100 round.

way indefinitely with no spring tension on the cartridges. When the magazine is needed it is "wound up" using a fold-out handle at its rear end. Ten winding revolutions are needed for the 50 round mag and 23 for the 100 rounder.

Accuracy of the Calico subgun is very good. Most of my testing was done with Black Hills ammunition. The gun worked flawlessly with all the Black Hills loadings including their 147 grain subsonic load. C semi-auto the gun would put as many rounds as you would care to shoot into a 2 inch ragged hole at 30 feet held offhand. Switching to full-auto, 90 percent of the hits can be kept in the "A" zone of a standard Milpark target at the same distance using short bursts. All testing was done with open sights.

A vast array of accessories are made for the Calico line of guns. In addition to the ones already mentioned there is also a laser designator, an aimpoint type sight, a shoulder harness, a bipod, a barrel mounted flashlight mount, magazine pouches and a nylon carrying case.

In conclusion, the Calico M-900A seems to be glimpse into the future of "fourth generation" submachine guns. Mike Miller and the gang at Calico definitely have a winner with the M-900A. Its use of high tech alloys and synthetics along with unique design features brings together the ideal concepts of a pistol-caliber shoulder fired weapon—compact, lightweight, accurate firepower. MGN

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1921/8 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AC 1921AB 1921/8 1921/8 1921/8 1921/8 1921/8 1921/8 1921/8 1921/8 1921/8 1921/8	10723 1743 4950 5579 5715 6061 6501 6810 6814 6970 7148 7167 8176 8844 9315 9979 1578 13267 13493 10590 13211 13456 4553 4951 7166 8786	Light Light Scratch	Brown Blue/Grey Blue/Brown Brown Blue/Brown Brown/White Blue/Grey Blue Brown Brown Brown Blue Brown Brown Blue/Grey Blue Brown Blue/Grey Blue/Grey Blue/Grey Blue/Brown Grey Blue/Brown Grey Blue/Brown Grey	Wear On: Moderate Moderate Light Very Light Moderate Very Light Light Light Very Light Light Moderate Light Moderate Light Moderate Light Moderate Light	Brown/White Blue Grey Blue Grey/Brown Grey Blue Blue Grey	90% 85% 90% 92%+ 90% 95% 93%+ 92% 95% 95% 93% 85%+ 93% 85%+ 93% 95% 93% 93%	Receiver old re-Blue. Nice finish. Light fine scratches few areas Slight edge wear. Few Light spots in finish. Slight browning on lower edge & grip area. Slight browning on lower edge & grip. Exceptional gun. Very light lower receiver edge wear. Few light stains in blue. Very nice. Slight few scratches. Colt re-barreled Some very minor staining of blue. Very nice. Very slight lower receiver wear. Very slight lower receiver edge wear Light brown on lower receiver edge Few small scrtchs. Brown edges lower rec. Restamped & re-blued. Interesting gun here. Edge wear and few light scratches. Few light marks lower receiver Right side receiver light scratches Light wear, few light scratches Colt re-barrel/few light scratches, wear. Very slight blue wear. Very slight lower receiver edge rub Very light rec. wear. Compensator mottled Slight browning on lower receiver edge. Slight receiver edge wear, few scratches.	\$4600.00 \$44750.00 \$5300.00 \$5300.00 \$7100.00 \$5500.00 \$5500.00 \$5400.00 \$5400.00 \$5400.00 \$4500.00 \$4500.00 \$4500.00 \$4500.00 \$4500.00 \$4500.00 \$5300.00 \$4500.00 \$5300.00 \$5300.00 \$5300.00 \$5300.00 \$5500.00 \$5500.00
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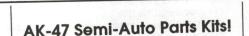
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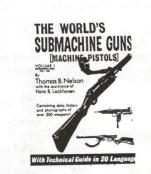


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Class 10



Training New Subgunners



A rather unique plan which works well with a limited budget for ammo and restricted range time.

ne subject rarely dealt with is the training of new shooters in the techniques of the subgun. For most of us, a friend with a full auto gave us chance to try it, with a few moments of instruction of the firing line. Law enforcement agencies are faced with a larger problem: training numbers of new officers, with little or no firearms experience or interest, in limited time, to a fixed qualification standard. In addition, these law men and women will be expected to employ their training under high stress, life of death situations. How do they do it?

One large federal agency was faced with a sudden need to qualify large numbers of their uniformed force, after the delivery of a batch of MP5s. They developed a rather unique plan which worked well with a limited budget for ammo and restricted range time. The trainees were in their basic academy, so training with full auto firearms was only a small part of what they had to learn. After the first few classes with the newly delivered MP5s, they developed a system of two loaders and one shooter.

The classroom sessions covered safety, maintenance, and general use, along with agency policies. As these officers work in predominantly rural environments, they have a fairly liberal policy about the carriage and use of full auto firearms. Applying the theories called for blank targets, ammo, and discipline. All sliding stocks were extended, and one trainee would take a position on the firing line at 7 yards, while two of his/her classmates would load magazines with only 5 rounds!

The instructors had learned that full magazines led to spray and pray techniques - fill the air with lead and hope for a hit. The instruction focused on using the weak hand to pull the firearm back into the shoulder, and the strong hand to gently hold the pistol grip and operate the

selector and trigger. With a limited number of rounds, fired in one continuous burst, students would make a line, from low left to high right (right handed shooter) on the target. After several magazines, and repeated instruction to pull back with the left hand on the forend, the line would start to curl to the left. More 5 round magazines and the line would become a loop, and then a circle.

Once the student could make a circular group with 5 rounds, they started getting more rounds, up to 10, in each magazine. In about 20 minutes of shooting, basic skills had been acquired. The trainees have learned control, and could move on to tactics. Each new sessi started with a few 5 shot bursts, to insure that the lesson was internalized.

The reason for extending the stocks is quite simple. The length of any firearm is that which extends in front of your hand. The distance from your hand to your elbow is fixed, and there is no advantage in shooting with a folding stock in the closed position. The extended stock also allows an isometric stance, pulling back with the left hand, similar to the handgun stance used by that agency. There is a great deal to be said for commonality of training.

They have been forced to shoot some attackers with their MP5s, and in each case they were victorious, although not every round was a hit. They continue to carry their MP5s, as well as handguns and shotguns, in protecting us.

Will this training be useful for you? If you are introducing someone new to the joys of full auto fire, this method may be just the ticket. And as submachinegun competitions spread, you may want work on your own techniques for the extra edge. After all, who remembers second place?

MGN



These kits are a bit different in that some repairs must be done to the receiver components. The top cover, top & bottom plate. & trunnion have a small 1/8" wide cut in them on the left side that needs repair. The cuts are not deep. We will be happy to send you a Polareid of this prior to shipment if you wish. Polaroids are free with an order or \$2.00 for a "Look See". Again parts for the guin including the rivets for the receiver plates are included. You get the parts except the receiver sideplates. The standard cocking handle is included. all sights are included & all parts are in serviceable condition & bore condition is very good or better. Accessories & tools included free are as follows:

as follows:

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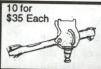


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HANDFUL OF STINGER MAC Stinger

by J DAVID TRUBY

As our military profile lowered in Southeast Asia in the early 70's, the unofficial defensive armament of the individual American showed a remarkable increase among those folks left behind to save the honor of our departing flag.

Jack Bacon, a Special Forces alum of Vietnam, also remembers Saigon and the other problems and circumstances for the final Americans in those last, losing months. Jack says, "We were in more danger from terrorists, ARVN deserters, bandits, muggers and Saigon riff-raff scum than from the Communist troops."

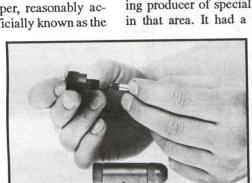
That's where the MAC Stinger enters our story. A dangerously clever little firearm, the Stinger was issued officially only to CIA and select military personnel. Designed as a back-to-the-wall defensive weapon, the tiny .22 caliber pengun could be carried without detection, taking up less space than a key case, or it could be carried in an ordinary cigarette box.

Loaded with a .22 high velocity, long rifle hollow-point cartridge, the Stinger was a lethal man-stopper, reasonably accurate up to 15 feet. Officially known as the

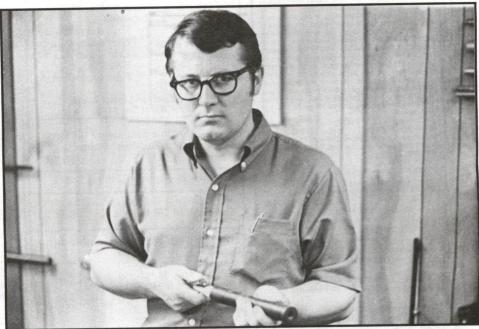
SSS-1 Self Defense Weapon, it was

Reloading the MAC was a simple effort involving limited field stripping.

The cocking knob is at the rear of the weapon. The Stinger is designed for one-hand operation. Note loaded barrel at lower left.







J. David Truby examines the original MAC prototype Stinger with an experimental suppressor at the MAC plant in Powder Springs, GA in 1972.

Donald G. Thomas

designed, built and marketed by Military Armament Corporation (MAC), the leading producer of special mission weaponry in that area. It had a designated catalog

number in the CIA's own weapons inventory, item # H00-0069.

Jack Bacon said that a lot of desperate people had unauthorized Stingers as the days of American presence in Vietnam grew less. He

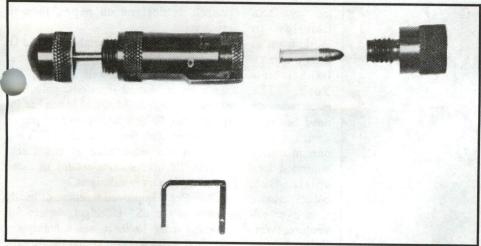
adds, "No pun, but it was a real jungle there at that time, (1970-'74), very dangerous. As more of our guys (SF) and the spooks (CIA and paid friends) left the country, they gave or sold their Stingers to friends and others."

Ordinary American troops were not supposed to have weapons like Stingers. Despite a formal edict issued from the Judge Advocate General's office in 1971, a lot of grunts had Stingers, as Jack Bacon pointed out. Also, according to Ted King, a former MP who served in Vietnam in 1971/72, special mission troops carried Stingers regularly, despite regulations to the contrary.

Like many special weapons, the Stinger is an offspring of military parentage. Its ancestor was WWII's little-known Stinger T2. Early in 1942, the OSS wanted to arm its people with a small, easily concealed single shot defense, assassination, or, in the extreme, suicide weapon.

Originally designated as The Scorpion, it came into being in the Spring of 1943, when officials of the Rite Rite pen company met with representatives of the Army Ordnance Corps and the OSS. The original design was for 25,000 one-shot firing devices.

Production turned up glitches and redesign began immediately by Stanley Lovell's famed OSS technical division. By that summer, the OSS had thousands of the new T2 Stinger, as Lovell renamed the redesigned device. In March of 1944, the OSS ordered 10,000 of the T2 firing devices.



Components parts of the MAC Stinger.

Military Armament Corporation

The diminutive T2 Stinger was a singleshot .22 caliber firing device that was 3 1/2" around and weighed just one ounce. Outwardly, it looked like one of Rite Rite's sleek fountain pens of that era.

Each Stinger was assembled loaded

then the two halves of the weapon were welded carefully together. As the wartime research and development was nding down late in 1944, though, Stanley Lovell's people were working

An "issue" Stinger from MAC, circa 1970. J. David Truby

on a reloadable/reusable Stinger at their secret Maryland Research Laboratory.

An urgent request for reloadable Stingers had come from the Col Carl Eifler, commanding officer of the OSS's famed 101 Detachment, operating behind Japanese lines in the CBI theater.

"Col Eifler had requested that we produce a reloadable version for his men and the Kachin troops under his command.

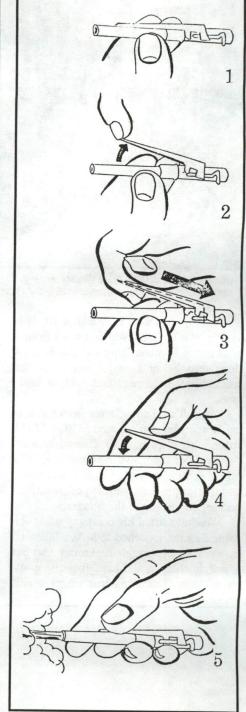
He said they found these we a pons most useful in discouraging Japanese officers, agents, and the local turncoats", Stanley Lovell noted.

A b o u t 5000 reload-

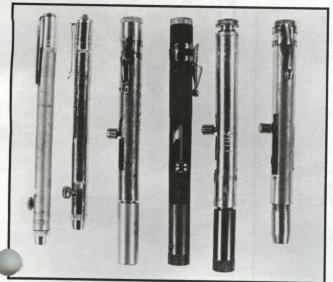
able Stingers were produced and did get into the war by the Spring of 1945. A total of 28,000 of the T1 and T2 Stingers were issued. The units were packed ten to a car-

ton and 50 cartons per case. They were air-dropped to OSS leaders and resistance fighters in Europe and in the Pacific.

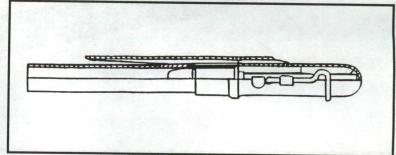
One 101 Detachment officer who was highly impressed with the weapon (continues)



An illustrated comic strip style instruction sheet was issued with each WWII model Stinger, showing the user how to work the device.



A very rare photo showing a collection of original WerBell/MAC prototype Stingers along side specimens from other countries, including a West German at extreme left. Donald G. Thomas



The T2 Stinger of WWII fame, as issued to the OSS personnel for dissemination of underground forces.



WerBell and J. David Truby at the WerBell estate in May of 1971. They are test-firing a Thompson Center fire with an experimental Sionics suppressor.

was the late Mitchell L. WerBell III. Following WWII, Capt. WerBell went from a brief career in advertising and public relations into being a major player in the international armament and intrigue business.

WerBell's reknown came from marketing Gordon Ingram's famed M10 and M11 submachine guns, and from his own designs like the Destroyer carbine, plus other exotic special mission weapons, usually suppressor-equipped, and, of course, his version of the Stinger.

WerBell started his company using the name Sionics, switched to MAC, followed by a corporate struggle nightmare that put Mitch, his family, and his flying circus approach to marketing in a true nutcracker all

the way from Langley to Washington to Corporate Banker New York. The result was one dead business venture and one mortally wounded free spirit. But, before avarice won over adventure, Wer-Bell's Stinger looked like a sure winner.

Wer Bell recalled the day that his interest in the

Stinger was reborn. Having served in Indochina, Mitch was back in-country in 1968, selling his own weapons to many of his political and military contacts from the generation before.

"I happened across an old buddy who was now with the CIA. Incredible, but he still carried one of our old T2 Stingers. In fact, he still had a dozen of them", he related.

Always the showman and salesman, WerBell quickly revived the Stinger concept. Several covert ops field type officers showed serious interest, i.e., they had some money to spend, so Mitch went to work. Back home at the MAC complex in Powder Springs, GA, the WerBell theories ap-

peared as designs on paper, then to prototype.

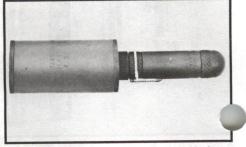
Firearms expert and author Donald G. Thomas, a pioneer MAC employee, remembers the Stinger well. He says, "had a lot of interest from elite units, Special Forces, SEALs, and Mitch had interested the British SAS who sent people over to visit. We had all kinds of CIA and God knows who else at the Farm (WerBell's home/office/estate) in those grand days to try our designs."

WerBell's improved weapon, officially known as the SSS-1 Stinger, was in full production by 1969. It was a highly engineered, solid weapon giving the user the heft of protection at only two ounces. Just 3" inches short, it was far more sturdy than the original OSS design. It used .22 long rifle ammunition and was readily reloadable, a major improvement over its WWII ancestor.

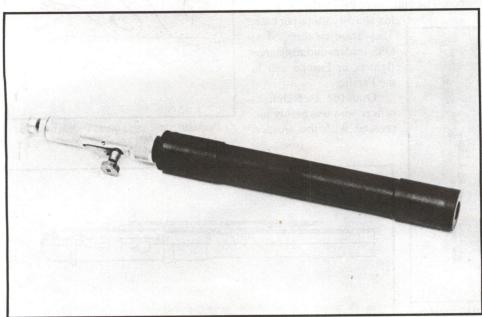
Unlike the T2, the MAC version really had no barrel. It was simply a stubby, hand-firing device, yet was even more suited for its deadly, if limited, missions than its predecessor. While WerBell's design improved the product, post war inflation zoomed its price. The WWII version cost \$8, while each SSS-1 cost \$36.

The ultimate of simplicity, the MAC Stinger consists of three steel componen a breech/barrel assembly; the mechanism assembly; the cocking mechanism. It has two positive-action safeties that must be manually operated prior to firing.





The production MAC Stinger was designed for its own tiny suppressor...a most effective combination.



Always a silencer fanatic, the resourceful WerBell designed a tiny sound suppressor on one of his MAC prototype Stingers.

The MAC Stinger is fired by grasping it in one hand with the index finger resting under the barrel and the thumb on the clipped safety catch. After releasing the clip

ch and rotating the secondary safety, the er simply depresses the squeeze trigger with this thumb. Surprisingly, there is little recoil if the weapon is held firmly.

Reloading is a simple matter of fieldstripping the Stinger into its three component parts, removing the old casing and inserting a new round bullet-end into the barrel, then reassembling...all in about ten seconds.

Although there is no official record of any of the WWII Stingers being equipped with a suppressor, several field modifications were attempted, according to period anecdotes. The MAC Stingers, though, were produced to be used with a small sound suppressor specifically designed for the mini-weapon. Both standard and suppressed versions were used in the field in Southeast Asia, according to WerBell and official after-action reports.

There were also limited domestic sales to law enforcement and collector markets as well as to government and military agencies. As Dan Shea pointed out in his Raffica olumn (MGN, May '92), MAC also arketed handsomely finished commercial Stingers in 1970/72, including a light gold finish version advertised as the "Lady Stinger".

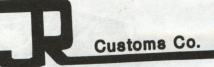
One estimate noted that nearly 8000 Stingers were produced, while a BATF source said the number was probably closer to 6000.

Today, the MAC Stinger is an arcane bit of firearm curiosa, laid to peaceful rest by a lack of clients and their wars. The old MAC company assets were unloaded in a bankruptcy sale in 1976, when the final 652 Stingers in inventory were sold to the highest bidder. A recent ad in a firearms publication listed a for-sale MAC Stinger as "a prized collector's item of service during the Vietnam era...original and new, only \$200 to a qualified buyer".

Today's qualified buyer needs a lot of federal paperwork, law enforcement signatures, and a \$5 transfer tax. That's today.

Back when Ho Chi Minh City was Saigon, there were no collectors and no deral paperwork. The qualified user was an American who felt the need for that stubby, yet, deadly, little bit of life insurance...Mitch WerBell's Stinger. MGN Machine Gun News - August 1992

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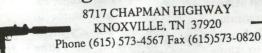
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Call for Dealer Pricing and Catalog



by RICK CARTLEDGE

rolled into work at the patrol Station and there, taped to the radio, was a note to call Bo Barrow. It's always good to hear from Bo. He is a good friend and a stocking Class 3 dealer, running one of the best gun rooms in Georgia. After dispatching a trooper to a wreck, I called Bo on the phone. Bo said that he and his knowledgeable son Johnny were holding their annual machinegun shoot the following Saturday and "Ya'll come and bring some friends. There will be plenty to eat." Back on the phone again, I negotiated the day off, called two friends who couldn't make it and Mike Thacker who said he would come along. We loaded our guns and ammo into the Frankenstein Chevelle and kicked it south.

We found the shoot easily. An army of cars was parked up and down the road and camped on the front lawn of what is affectionately known as the "Rupert Hilton". Bo greeted us and explained that we were a little late for the early shoot but we could eat and shoot afterward. Our choice was easily enforced by the aroma of Bar-B-Que that permeated the front yard. No restaurant fare was this. This was real old fashioned Southern Bar-B-Que cooked for hours and hours by Eddie Burgamy, Sonny Edwards, and Robert Peacock, and Bussey Hammock who are collectively known as the famous "Swine

Brothers". They also served Brunswick stew, fresh Vidalia onions from nearby world famous Vidalia, spiced cole slaw, strong iced tea, and chocolate cake.

After the wonderful feast, we adjourned to the range, adding our guns and ammo to those that were already there. Jim Wainwright, the range master, explained the rules. Safety was as always the primary consideration. Spectators were roped off behind the shooters table. All guns were left open on the shooters table with all muzzles pointed down range. One shooter stepped to the line at a time and Jim gave the command "Fire in the hole!", before each turn. We shot on a down defelade into a mounded berm. Our target was a VW Beetle body that had been taken off the pan. In the old drag race tradition you "run what you brung". And, in the Class 3 tradition of courtesy you ran what everyone else brought and they, in turn, ran yours.

Tommy Short showed us an impressive display of individual weapons. There was a

fine old Colt Thompson, FN-FAL's, UZIs A and B, Steyr, Reising, 556's, M-16's and a supressed 10-22 among other up close and personal weapons. I dug out my old UZI and worked on the "Swine Mobile" logo that was painted on the VW body. It was my first Class 3 weapon and I had bought it from Bo. Several years later it had developed some problems and I took it to Wayne Daniel who suggested it had bolt problems and should go to Mike Brown at Group Industries. A Form 5 and some surgery in Mike's skillful hands made her run like a dream. When one of the men asked where he could get some work done on a troublesome 'B, the suggestion came easily.

Mike Thacker advanced to the line and made a Coke can dance off the roof of the VW with his MP5. Tommy Short banged away with an FAL. Nathaniel Rogers, an HK owner and fanatic, slammed the Beetle with an HK 53 flamethrower. Randy Pounds took shots at the Coke can and was jeered with each miss. He exacted his

revenge when he picked up the 556 and moved the can around at will. "I told you the sight was OFF!" he exclaimed. We broke out in applause and cheers. He bowed to the crowd and gave way to the M-16s who inflicted their share of punishment on the "Swine Mobile". A cease fire was ordered and we all cleared our weapons and withdrew from the shooters table.

While the spectators inspected the car, we adjourned for some stimulating conversation. After a fine evening of gunfire, food, and fellowship, we thanked the Barrows for viting us and for being such gracious hosts. We loaded the old Chevelle and as we rumbled Northward, Mike said, "Next time we're going to come earlier." To which I replied, "Yes, and we're going to bring more guns. Let's send Vida a T-shirt."

Mike answered, "Like the Machinegun Bar-B-Que, that's a good idea!" MGN

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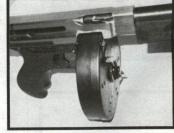
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Tinkering with Thompsons

by: Jim Klodzinski of Gunmachines Field Expedient Blish Lock

n page 154 of The Thompson Submachinegun (Second Edition) by James F. Bannan and Tracie L. Hill, the authors report that the British 8th Army during World War II while in the African desert had problems with sand getting into the receiver and interfering with the operation of the Blish Lock (H-piece). To solve the problem the British Ordnance Unit replaced the Blish Lock with a nut and bolt which made the system a direct blow-back firearm. On page 153 of the same book a picture shows a bolt and actuator held together by a simple nut and bolt and shows the nut and bolt in its entirety.

In some of my articles and in my Gunmachines Trouble-Shooting manual, I have advocated the use of a lugless blish lock to help solve reliability problems. I was very interested in this "nut and bolt" lock concept. In a prior article I had explored the concept that the 1928 could fire without a blish lock as reported by Helmer in his book *The Gun That Made The Twenties Roar*. After seeing this information about a nut and bolt lock in Bannan and Hill's book, of course, I had to try it.

Based on my knowledge of the Thompson, once I saw the picture of the nut and bolt installed in the bolt and actuator assembly, I had no doubt, as my test showed, that the idea would work. The problem was finding at my local hardware stores a nut and bolt of the correct dimensions. The slot in the bolt of the 28 TSMG (don't confuse the word "bolt" here with the use of the word "bolt" for "nut and bolt") is 1/2 inch wide so the bolt head and the nut of the nut and bolt must fit without play in this slot. Also, the depth of the slot is 1/8 of an inch. Therefore, the thickness of the bolt head and the nut of the nut and bolt needed cannot be beyond 1/8th of an inch. Otherwise, the bolt head and nut will not be flush with the side of the 1928 TSMG bolt. Next, the diameter of the threaded shaft of the bolt cannot exceed 5/16th of an inch, otherwise the bolt shaft may not fit within the slot in the actuator which accepts the cross bar of the standard blish lock (Hpiece).

Finding a nut and bolt that matched the dimensions was not possible for me to do in my small town, and perhaps, such a nut and

bolt is not available as a standard item. The best I could do was to find a nut and bolt with the following dimensions: from the top of the bolt head to the tip of the threaded shaft, the bolt measures 1 and 5/32nds inches; the width of the six-sided bolt head, as well as the nut measures 1/2 inch, and the bolt head and nut fit just about perfectly in the slots of the 1928 bolt; the threaded shaft of the bolt measured 1/4 inch in diameter. The nut and bolt when placed into the slots on the sides of the 1928 bolt almost accomplishes the purpose. The only remaining problem is that approximately 3/32nds of an inch of the bolt head and approximately 3/32nds of the nut and threaded shaft need to be removed. I accomplished this with a file and some sweat. If you have access to a milling machine it would be much easier. Nevertheless, after about 15 minutes with a file the bolt head and nut and threaded shaft were flush with both sides of the 1928 bolt.

After doing the filing on the nut; bolt, the actuator was installed in the 1928 bolt utilizing the modified nut and bolt as the lock or H-piece. Since the nut and bolt now sat flush with the sides of the 1928 bolt a lugless blish lock (H-piece) was created. The next step was to install the unit and go to the range.

I fired about 300 rounds of ammunition through my 1928AO TSMG. The Thompson fired perfectly. Upon disassembly, I could find no indications of wear or damage to the 1928 bolt and the actuator. In fact I was very pleased with this nut and bolt blish lock idea, which makes the 1928 (or 1921 for that matter) TSMG function as a straight blow-back firearm. For those of you who have always wanted to experiment with the lugless blish lock idea but did not wish to cut the lugs off of your blish lock, or did not want to purchase a lugless custom blish lock from Gunmachines for this purpose, I strongly recommend that this is the way to go. The nut and bolt blish lock idea is cheap and it works.

Next month: A beavertail foregrip for all models of the TSMG.

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ack of information can be dangerous to you and your gun rights.

If you didn't know that the House version of the "Brady Bill" is different from the Senate version, and that neither has been enacted and signed into law, you haven't been reading *Gun Week*. The general media has not given an accurate description of these measures, nor have they made it clear that the votes they reported were only steps in a long process. If you don't know what guns are banned by the semi-auto language included in the Senate Crime Bill, you're also behind the knowledge curve. The same goes for the new semi-auto bill which cleared a House subcommittee.

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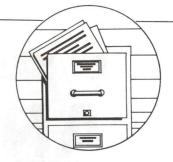
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The Forms



by DAN SHEA

There has been a lot of controversy recently about several court rulings regarding NFA firearms. I need to address these to put them into perspective so that we can avoid some of the hysteria that accompanies unfounded rumors.

First, the NFA has NOT been overturned. In the US vs Rock Island Armory case, the federal judge did reiterate that the National Firearms Act is a revenue raising measure, and the only registration allowed is in conjunction with raising revenue. This was evidenced in the Sozinski case of 1936 in the US Supreme Court. In RIA, basically, the government was told that if they are not going to collect taxes on firearms, then they have nothing to say about them, as Congress has no authority to ban firearms under the Second Amendment. The government refused to overturn 922.0 and go back to Pre-86 machine gun regulations. The Reese case was appealed and plea bargained. In the Dalton case, a lawyer was accused of illegally owning a machine gun manufactured after 1986. It was unregistered. In the US District Court of Appeals, 10th District, his conviction was overturned on the grounds that the NFA is a revenue raising measure, and in 1986 the US government ceased collecting tax on newly manufactured machine guns, therefore the US government has no authority to regulate them. To quote one Federal prosecutor," the government has been gutshot". As of this writing, all of the honchos in BATF are cloistered and trying to figure out which way to go. I have forwarded all of the questions people have been asking to Wayne Miller, and when he responds I will pass the answers on. The NFA has not been overturned. Most of us figure that it will take 4-8 years before we manage to get the Government into court to try to overturn 922.0. There are no guarantees, so I can't give you advice on investment value of machine guns. Suffice it to say that a lot can happen in 4 years. We might have riots all over and the only people who are safe are those who are armed, and the people might tell the anti-gunners in congress to take a hike- we could end up in Pre-68! We could

also have riots all over and lots of shooting leading to an anti-gun hysteria in the media actually working like it did in 1968. In which case the mildest thing you will see is the transfer tax going to \$1000 and dealer fees being prohibitive. Maybe a freeze on dealers licenses. I don't want to give these bozos any ideas, but you get the picture. The best advice I could give is that if you want a machine gun, make sure you are paying a fair market price, and get it, unless you are willing to take the chance that in four years the law will get overturned and guns will be cheaper. Personally, I'd rather have the guns now, and not worry about whether they'll be available later!

Q Hope you can read my handwriting, I gave up the typewriter as too much strain on my trigger finger.

To the fellow in Michigan who was confused about C&R machine guns in the Water Winter Wonderland. Go get your Chief to sign the Form 4 and you are on your way.

If you keep reading on in the BATF Ordinances book under Michigan you will find near the end "except for federal license" I have been approved numerous times for M16's on my C&R license, and I am living proof.

Another question, how can I tune up my 1919A4 Saginaw SG, it has been stopping lately firing only 1 or 2 rounds then leaving an unfired round in the chamber, but not firing it.

Mark from Madison Heights

A Regards the 1919A4, we will be doing a special on them very shortly, so don't touch that dial. I am glad that Michigan seems to be allowing private ownership of machine guns. Let's hope it stays that way.

Q On page 5-27 of the Machine Gun Dealers Bible item D mentions possession of a "Pager" holster for the tiny pistols on the market constitutes possession of an any other weapon.

I have enclosed advertising copy for a pager holster made by SeeR, Inc. of Grand Prairie, Texas. I recently obtained a Mississippi Firearms Permit (4 month wait for the license) and I have been using a Pager holster with a Iver Johnson .25 auto.

How can a plastic case (fake pager) which only holds a gun (a plastic holster) be considered a weapon? The SeeR holster required the gun be removed from it before it can be fired. Are the pager holsters referred to in your book constructed so that a tiny pistol in it can be fired without removal?

If the SeeR holster is an Any Other Weapon then what keeps a woman's purse, a fanny pack for joggers, or my briefcase from being one? Looks like any thing big enough to hold a gun including a Bible with the center cut out could be an AOW.

To change the subject, I am buying a MK-760 submachine gun. I believe MK Arms is out of business. Do you know of a source for extra magazines, parts, and forth for this gun?

Sincerely yours, James

A I am not certain I follow the pager holster rulings, suffice it to say that not many people do. Possession of a pager holster AND the pistol that fits it constitutes possession of an AOW. I would think that if you have a license to carry concealed, you would be able to carry one. But NOOOOO, someone doesn't like them, so they are an AOW. Read the definition of an AOW in Title II and it won't help, either.

MK-760 parts and accessories are kind of a catch as catch can right now, but I know that someone out there has got them, so speak up. I also know that La France Specialties, PO Box 178211 San Diego, CA 92110 619-293-3373 is actively repairing and tuning up MK-760's. They have no parts available for resale, except barrels which are around \$120 each.

Q I'm a Type 01 FFL holder and will be paying my SOT for Class 3 status soon. I'm a subscriber to MGN and never but never realized all the good information contained in it until I bought and read a copy of Machine Gun Dealers Bible. Good job! I now have been re-reading my old issues

and enjoying them even more than the first time.

My question is in regards to a registered Pre May '86 transferable AR-15 auto sear. In the is legally transferred to me, by Form the SOT paid, can I use it with both my AR-15 shorty and my AR-15 A2, or do I need to buy another sear? Also can I legally have 2 sets of M-16 parts (bolt carriers, disconnectors, etc) in the guns with only one transferred auto sear? Can the parts stay in the guns or do they need to be taken out with auto sears?

Michael

A Having those M-16 parts in the gun when the registered auto sear is not with the gun is a violation. If you have the AR there, and the sear outside it, with M-16 parts in the AR, it would be a hard case for the government to prosecute. You are authorized to have those parts in the gun when the auto sear is present. You could probably have several AR-15's present with parts in them as long as the Auto sear is there. I would hesitate to have one at home with M-16 parts in it and the auto sear somewhere else-that would leave you open for a violation. A felony. Not fun. The M-16 parts should come out of the gun when you remove the sear.

Q Please don't change the format of your magazine—it's perfect! Obviously, I enjoy reading your magazine and look forward with great anticipation to its delivery.

The reason I'm writing is to run something by you that I have not seen commented on previously. Being a great fan of the HK weapons systems I'm considering the purchase of an MP5-K with a push pin lower. I'm told the gun is a machine gun receiver but that the sear is registered and not the receiver. To further spice up this scenario the sear is a roller sear.

My questions are: What is the reliability of the roller sear?

If I wanted to put another type of full auto lower on the weapon would it be legal to do since the sear and not the receiver is registered? Would I have to place the roller sear in the new full auto lower?

How difficult would it be to transfer the roller sear to another lower and would any paperwork evidencing the change need to be approved by the BATF?

Thank you for your work and keep up the good work!

Kindest Regards, Charles E.

A This strange animal is the result of some

weirdness on the part of BATF. After 1986, several of the regional head honchos at BATF put in writing that it was allright on an HK sear conversion to drill the front push pin for a swing down lower. This was later rescinded, but the guns out there are legal. There were also some Pre 86 manufacturers who made the conversion to the HK 94 before the ruling about push pin lowers, but after the ruling that sears were a registerable machine gun, and registered the sear when they did a swing down conversion. That ruling was for sears that would fit a clip on semi lower and allow full auto. Original roller sears and friction sears will not fit in a semi trigger pack to make it functional as a fully automatic. Since your sear is registered as a machine gun, you could switch trigger packs, but be sure not to leave any swing down lowers with regular machine gun sears in them laying around. You would not need to tell BATF about switching lowers.

Q I really like MGN, the articles and the stories are tops.

Question: I live in Washington state which forbids ownership of machine guns, yet in your current issue you list Washington State as having 9 Class 3 dealers. Does that mean only Class 3's can

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603-427-0100 Old Port Distributors P.O. Box 3006 Portsmouth, NH 03801 own/buy machine guns? Or are they dealing in weapons other than machine guns? Can a Washington resident with a C&R legally own a machine gun?

Thanks, Dave L.

A Washington dealers may deal in silencers, short barreled rifles and shotguns, and Any Other Weapons. You are basically out of luck on owning machine guns.

Q Congrats on an excellent magazine! A hypothetical situation: I'm not an SOT (or an RKI) I travel across state lines to Knob Creek with my precious Class 3 toys. I forget to file, or don't receive back in time my 5320.20's. What would happen if I got caught?

I would like to see more in depth articles (tips & tricks) on 1919s. And last but not least I would like to challenge someone out there to market a speed loader for Cieners' M-16 22 cal magazines!

P.S. I thought the \$53.95 price for MGDB was a little much when I ordered one, but after a night of reading it I don't think so any more, keep up the good work!

Thumbless in MO

A If the officer that caught you knew anything about NFA, you would lose your guns and be facing a felony charge on interstate transportation. More than likely your Form 4 with proper ID would cover you, if the officer that stopped you is the kind who would accept that type of ID anyway- he

4 with proper ID would cover you, if the officer that stopped you is the kind who would accept that type of ID anyway- he might not know that you can own machine guns, and take you in anyway, even with an approved Form 5320. File your forms on time and keep a low profile. Remember the guy who had Jack Ruby's pistol in Washington DC? His boss had just paid \$225,000 for it, and that dude just had to show it off in the Senate hallway. He's still facing hard time and the DC police are still talking about melting down that \$225,000 investment. People don't need to know your business, the less you flaunt it, the longer you'll have it. Glad you enjoyed the MGDB, we try hard.

Q Understanding that NFA weapons can be transferred to an heir without having to pay the transfer tax, the following questions have come to mind:

1. Is there any way to avoid the tax if the heirs are minors and the guns could not be immediately transferred to them.

2. Would the guns have to be transferred to the executor of the estate, thus requiring the transfer tax to be paid?

3. If so, is there a hope of avoiding the transfer tax when the kids reach legal age,

assuming the transfer would be approved?

If you can see fit to shed some light on this subject, it would be greatly appreciated.

Scott N.

A The transfer to an heir can take quite a bit of time, as the legal process of the will usually does. If an heir is close to legal age, you might be best served by stretching it a little. I would recommend calling NFA Branch in Washington and making arrangements for safe storage until the heir achieves legal age. NFA firearms need not be transferred to the executor of an estate, but permission from NFA for any movement of the firearm should be obtained.

Q I have some questions for you. I've applied for an MP40 receiver from a dealer on a BATF Form 4. I do not have an FFL. On the form the dealer put down MP40 machine gun, not MP40 receiver. So if I get BATF approval can I legally put the receiver and a parts kit together? From a mechanical stand point how difficult is it to assemble the MP40 together?

Is it legal to make a rifle grenade launcher, the type that fits on the end of a rifle and launches a grenade using a blank round fired by the rifle?

Is it legal to make a 12 gauge sleeve for WWII German 27mm flare pistol (some one told me you can be charged with having a sawed off 12 gauge shotgun?)

Thank You, Matt

P.S. In your June Archive Photo Of The Month there is a pistol that is identified as an 1911 A1.45 pistol. The picture is actually from a movie taken by a German war correspondent, other frames of this movie clearly identify the pistol as a Belgium Browning Hi-power 9 mm. The soldiers in the picture are from the 2nd company 1st battalion SS Panzer-grenedier regiment of the Liebstandarte Adolph Hitler division. Browning Hi-power pistols were regularly issued to machine gunners in this division.

References:

The Battle of the Bulge Then & Now. Personal communication with a machine gunner of the 1st SS division.

A We are getting into the nebulous Federal Excise Tax (FET) area now. No FET was paid on the manufacture of the machine gun receiver you have. Although the tax is supposed to be on the manufacture and sale of "sporting" firearms, and we keep getting told that our machine guns are not sporting, BATF is viewing the manufacture of machine guns for private ownership as tax-

able. When that receiver becomes a machine gun, FET is considered due. Somebody may be called to account for that tax. You will have to make sure that your paperwork reflects the proper barrel overall length.

You may make a grenade launcher of the type you are talking about. Rifle grenade launchers are not restricted devices.

Making that 12 gauge sleeve is going to constitute either the manufacture of an Any Other Weapon, as in a smoothbored pistol, or a Destructive Device, depending on who you talk to at BATF. I have seen a letter from Technology Branch calling it a DD, and approved forms as an AOW. I would get whatever I was going to call it in writing before I made it.

Q I have been told by BATF that civilian ownership of fully automatic weapons is prohibited. I know this is not true legally, but it might as well be true because of all the red tape. I have an FFL, and I recently purchased a machine gun from a Class 3 dealer. This dealer has told me that all I need to do is to get a Class 3 license then buy all the machine guns I wanted and at the end of the year not to renew my license and keep the guns. Is this true? Or would I have to sell them back to the Class 3 dealer before the license would expire? Ano option I might have to get the already purchased gun is to have a judge that I know sign the forms, but he feels that since the judge is not included as a legal signee on the forms that he would not qualify even though he is in the judicial system.

Can you help me? I live in the Jacksonville, Florida area and can find no one mentioned on the forms who is willing to sign the necessary forms.

> Sincerely, Perplexed

A Once again, it is illegal to get a license for the enhancement of a private collection. Essentially what was asked is true, dealers can keep most of their firearms on ceasing business. There is too much to go into here, we've done it before. If you are interested in all of the real info on this, you should get a copy of the Machine Gun Dealer's Bible to answer your questions on what you can and can't do. I wrote it to help people in your position as well as the dealers out there.

Questions to: Dan Shea, c/o MGN, PO Box 759, Hot Springs, AR 71902

Incoming, continued from page 7 A THANK YOU

Dear Vida

I just wanted to personally thank you, everyone else, out there, for your supduring my ongoing battle with a few people in the BATF and one Assistant U.S. Prosecutor.

After the recent article in MGN, I received hundreds of supportive calls. A special thanks to Dr. Philip Dater, for sending a contribution towards my legal fees. I appreciate your friendship and generosity more than you will ever know.

I will never give up the battle and I will try to be creative and responsive to the needs of the shooting industry.

> Your friend, Bill Fleming Fleming Firearms

"UNUSUAL" THOMPSON BARREL

The April 1992 issue "Tinkering With Thompsons" article by Jim Klodzinski described an "unusual" Thompson barrel and a combination sling loop/front sight fitting. The unit was designed to adapt a Sionics MAC 10 suppressor to the Thompson. Mr. Klodzinski asked who made the unit.

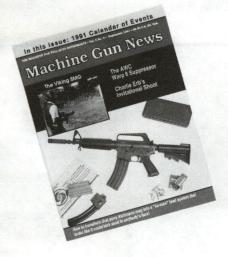
The unit was made by Doug hardson, 2100 McReynolds Rd., Malibu 90265, (310)457-6400, who manufactures a variety of Thompson items (catalog \$2). It was made years ago when the Sionics supressors first came on the market. The unit pictured in the article was the first Richardson Thompson suppressor set-up. The sling loop/sight device (front sight) was designed to fit a TSMG with vertical foregrip. The sight was designed so that it could be reversed on the suppressor adapter bushing such that the sling could be positioned on either the right or left side of the gun. After the barrel was installed, the sight was to be adjusted to a vertical position and then secured with a set screw. The barrel was made just long enough to cause the suppressor and sight to clear the vertical foregrip.

Details and some Thompson suppressor history are combined into a booklet entitled "Thompson Submachine Gun Suppressor" available for \$11 postpaid from Richardson. The reason I know all this is that I am

Doug Richardson

MGN welcomes your opinions, comments and machine gun photos. Mail to: MGN, Incoming, PO Box 759, Hot Springs, AR 71902

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Archive Photo Of The Month

From the Robert Bruce Collection

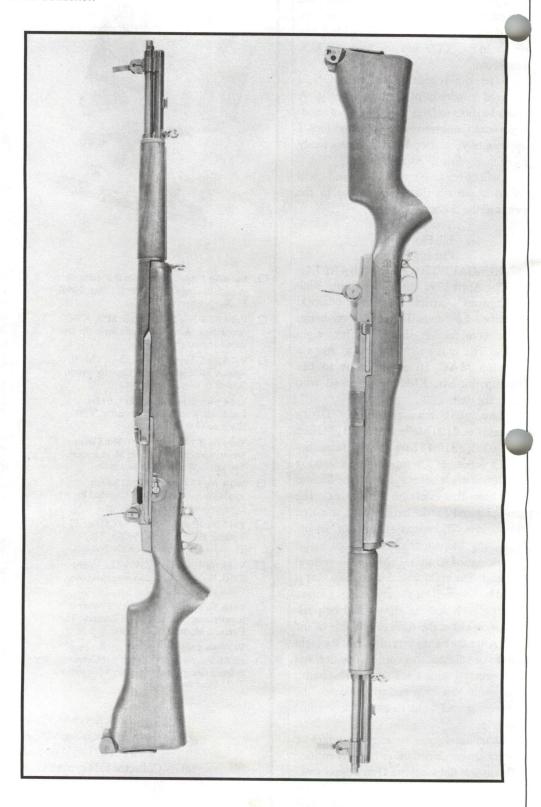
Mystery Rifle... A full-auto M1

This is an enigmatic specimen from the Springfield Armory National Historic Site's arms room for which no information is available in their files.

It apparently dates back to the close of WW2 or soon afterward when many experiments with full auto conversions of M1 rifles were being carried out. It is characterized by an odd high buttstock that appears to have been saw cut and reattached upside down. This was probably an attempt to overcome muzzle rise in rapid fire. The front and rear sights are raised to the new eye level of the shooter. The selector switch-located between the rear sight and the operating rod handle-is completely different from that of other known selective fire Garand conversions of the time. Its Springfield Armory manufactured receiver has no serial number or distinctive nomenclature. (Featured on page 79 of "The M1 does MY talking!")

Credit: Springfield Armory

Museum Library



Editor's Note: This is one of several unusual selective fire experimental rifles pictured in Robert Bruce's exciting new book "The M1 does MY talking!": The U.S. M1 Garand Rifle in pictures, WW2 and Korea". This 80 page glossy softcover book contains over 30 black & white and color archive pictures documenting the history of the M1 from 1920 to 1970. It is available directly from Robert for only \$13.95 postpaid. Send check or money order to Robert Bruce Photography, PO Box 482MGN, Sandston, VA 23150.

Classified Advertising

Machineguns and silencers finest ndition, some one of a kind. Colt 6's, HK-MP5, HK-21, Thompson's, UZI's, Dater suppresors, Rock Island SAR-48 para #SF1000 (first gun), Pre86 samples. Getting out 30 June, no give aways or junk! 512-698-1385 or 512-525-6949 leave message.(xjul)

Machine guns: Belt linkers \$125 each, 308 - 223 - 30-06 - 8m/m - 7m/m 303. We can match your needs, custom linkers- call M-60 1919-1917 postage please. Hahn Machine Co. 3101 Sussex, St. Charles, MO 63301 (314)946-9567 (xoct).

Need an M2HB 50 Cal or Aircraft or Thompson replica for your vehicle or plane? Higher quality and lower price than the competition. Also have Jeep pedestal mounts @ \$235 incl. shipping. John's Replicas, 817 E. Birch Ave, Whitefish Bay, WI 53217 (414) 964-6978. (xdec92)

Wanted: "Bring Back" items from Desert Shield - Desert Storm -Viet Nahm, Viet Cong, NVA, PRC Chinese & Soviet areas. Weapons, knives, badges and field gear...need Soviet and Block Makarov pistols.. Best cash paid.. RJP, P.O. Box 151, ark Ridge, Illinois 60068 Toll Free—800-345-0930 Welcome home!!!(xsep)

Stoner 63A parts, accessories, literature, information, memora-bilia needed. Jerry 217/826-2919 (xmy93)

Delft Optics Mfg. rifle scopes wanted. Scopes have no adjustment turrets, windage and elevation, adjustments are with knurled rings front and rear, concentric with tube, reticle is inverted post type, left side of tube is marked with artillerie Inrichtingen logo bracketed by 3 x 25, 5 and Nr XXX, top dollar paid. Jay Tee's RFD 4, Box 353, Marshall, IL 62441. 217-826-2919 (xjan93)

Tripods 30 caliber M2 WWII dated excellent shape 1-10 \$250. each 10-50 \$225. each 50-100 \$210 each. Pintals & T+ES extra. Military Surplus, 3190 South State Rd 7 Miramar, FL 33023. 305-981-1974 (xapril 93)

Attention Ohio full auto enthusiasts. We have three new in box weapons in stock: 1 Iver-Johnson M2 carbine, 1 Reising M50 and the LAST Iver-Johnson M2 enforcer pistol oduced, very few were built & gistered by the company (not a conversion) Call Bill after 8pm 513-544-3525(x)

Wanted-Breda M.G. parts all accessories, barrels bolts, springs all components, receivers, trans or pre 86 d/s models 1930, 1931, 1937, 1938 also Breda Safat 7.7 Aircraft 12.7 Aircraft including tripods, A.A. tripods, Aircraft ring mounts & disintergrating links. Call evenings after 5pm Hermann (718) 278-3708 NY (xoct)

IBM compatible computers to trade towards Pre '86 sample and transferable machine guns. All trades considered. Also, reasonable transfers to Maine residents. Call Michael at First Class Guns (207) 872-7824 (xaug92)

Pamphlet "Basic Mechanics Of Reloading 50 BMG Cartridges", 26 pages, for \$15.00 including postage in U.S.. This is not a source of loading data. Bank, check or money order. Marmik, Inc. P.O. Box 346 Michigan City, In 46360 (xaug)

40/37 MM Distress Flares, Military High Volume, 1 minute white smoke. Case lots prepaid 100 \$375. 48 states. Mfg. By A.O.C. Dist. Mfg. & Eng. 2010 South Brotherton St. Muncie, IN 47302 Phone-FAX 24 Hours 317-289-0765. (xdec)

Machine Gun Belt Linkers 1919, M60, MG42, HK and others. \$125.00 small unit, \$190.00 large. Freight please. Hahn Machine, 3101 Sussex, St. Charles, MO 63301 314-946-9567(xsept)

Thompson WWII bolts for 1928 & 1921. Brand new in original wrappers. \$50 (includes UPS) Frank (214) 539-8096(xoct)

Wanted-Machine Guns and Related Items. One gun or the whole collection....private evaluation and payment in cash!! Live/DEWAT registered machine guns only!!! We need your parts also!! All NFA rules apply!!! R.J. Perry & Associates, Inc., P.O. Box 151., Park Ridge, Illinois 60068., 24 hour toll free: 1-800-345-0930 - Trades always welcome—call us now.(xsep)

Armalite/Colt AR-15. Pre M-16 Model / three prong. Flash Hider: Excellent, purchased in 1963 \$2300 only one. Mac-10 45ACP and 9mm powder springs Excellent Condition. Only the best. \$550 ea. Chuck(813-447-5481) or John (813) 866-2912(x)

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Mail to: MGN, Classifieds PO Box 759 Hot Springs, AR 71902

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Reactivate inert U.S. military grenades. Works with baseball, lemon, pineapple grenades. Complete detailed plans and instructions. Get yours today. Send \$5.00 to JDR Enterprises, P.O.Box 2214, W. Lafayette, IN 47906. Include your return address.(xNov)

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MGN magazines wanted, newspaper format. Will pay top price for MGN back issues from 1987 Vol.#1 April thru #7,1988 Vol.1#10 Jan,#12 Mar, Vol.2 #4 July, #8 Nov.1989 Vol.2 #10 Jan thru #12 Mar., Datal Industries, 1646 Nineteenth ST., Santa Monica, CA 90404-3887. (310) 829-4421 (xSept)

H-K Sear kits registered in 3 calibers,875.00 ea. H/K G-3 22 cal. conversion kit 450.00 consider trading on 1919A4. reasonable transfers for South Florida Terry 305-746-9846 Ft. Lauderdale(x)

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2 AR-180's (Howa) both with Armalite scopes and many accessories one with bol. Will sell or use as trade for semi-auto belt fed machine gun or Barrnett .50 cal. Walt 1(518)279-4097.(xsep)

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Classified Advertising

*Mauser 912" machine pistol-old refinish 7.63 with 3 mags, banner stock-transferable \$3500 + 200 NFA stamp. Send license, S.A.S.E. for close out list of others. McInenly, P.O. Box 26131 Tamarac FI 33320. Evenings only 305-981-3090

Machine Gun Video featuring Vietnam Era Weapons M60, M16, AK47,50 cal.,etc. Neat targets. Lots of fun. Thousands of rounds fired, including tracers. Send \$19.95 to Armory Firearms, R.D. #1, Box 256 Lemont Furnace, PA 15456 (xAug)

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Cincinnati Ohio Class 3 Dealer buying, selling, transfers. Have several like new police trades, Ruger AC556 at \$800 each and Beretta SC70 folding stock Pre86 DS unfired at \$3000.-Call evenings Ed Wolfer 513-272-0019(xoct)

Original MAC-11 .380 with suppressor & accessories, both unfired-\$2200, Invicta 9mm suppressor-\$250, Colt Model 639/XM-177E2 unfired-\$5500 Write P.O. Box 1192, Hurst, TX 76053 & include telephone number

Texas Transfers - Class III for Law Enforcement and qualified individuals. Skotz Ordnance Services -Austin Texas (512) 250-5050 tues-fri.

Armalite AR-18S for sale, transferable. Only twenty ever built. Very low SER. number. 223, 20 inches long with stock folded \$2500 Harley (414) 886-1296 mornings

Massachusetts Class III Dealer. Class II MFG. Stocking large inventory of machine guns. Open 7 days a week. Good stock of M2 50 cal parts as well as M60 parts. We do not sell junk! United Arms Corp. (508) 393-3328(xaug93)

Want to trade: Brand new Colt lightweight lower receiver assembly, complete with stock. This is the new type AR-15 receiver with the block pinned in it. Want to trade for the old style receiver that says AR-15 and is marked Colt Firearms Division Colt Industries, and has no block in receiver. If interested call 1-800-999-5707 8-5 or 502-737-2882 after 5:30 ask for Preston(x)

Pennsylvania: Colt M-203 40mmnew \$2200, Ruger KAC556F stainless folder w/accys-mint, M-2 carbine-new, M-16 clone, Reising M-50-mint, RPB MAC-10/45 w/accys, 9mm suppressor \$125, Cobray M-11 9mm w/accys, Beta M-16 C-mags, offers or trades considered. 717-334-1965.

Fun and Freedom Shoot 1992. Saturday and Sunday, August 15 and 16, 1992. Central Nebraska's only Machine Gun & Assault Weapon Shoot! Kearney, Nebraska. Exit 272 on I-80. WR Game & Recreation Rifle Range. Range location: 5 miles south of Exit 272 from I-80; then 1 mile West, and 1 mile back North. Fee: \$7.00 for 2 day pass; or \$4.00 per day per shooter. 600 yard range with big bore silhouettes to 500 meters. Start times: 11:00 am Saturday; 1:00 pm Sunday, till dark. Call (308) 236-7854 for more information or write: WB Kamp, P.O. Box 1373. Kearney, NE 68848.(x)

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Colt Armalite Model 01 4 digit serial number, excellent and original in every detail. \$3750. Arms Merchant, Inc. 48 Washington St. Natick, MA 01760 tel 508-653-9255(xsept)

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SWD AR-15 Auto Connector \$300 new Mac Stinger SSSW with holster and extra barrel \$160 new \$125 used. All NFA rules apply. Duke mon, tue, sat, sun days (305)688-8679 wed, thurs, fri, and eves (305)652-2721

M10-45-PS-NIB \$595. Group UZI 9mm \$995. Call 703-343-1452

M1 Carbine Rock Ola, without stock, no import marks, good condition \$185. Grizzly Mark 1 45 Win mag excellent condition \$625. G.I. Art II green fiberglass scope case \$60 G.I. Kevlarflak jacket medium woodland \$115. Barry (706) 353-6942 11am-4pm E.S.T.

Exotic Ammo. Looking for 40mm ammo in flash band, illuminator parachute except white, cluster rounds all colors, ammo wanted is 30.06, .308, 5.56, 8mm etc. Please send pictures and photo to Brian R.Busch, Sr. 328 E.1200 N., Chesterton, IN 46304.(xfeb93)

Georgia Residents, I can handle your Class 3 needs. AMS Attn: Hal 4665 Lower Roswell Road Suite 133 Marietta, GA 30068(xjan)

Aufpassen: Diese art der letzt MG34 erstzteil ausrustung wir haben. Sie art Grenze zu der ungewohnlich oder selten (Attention: these are the last MG34 parts kits we have. They are limited to the unusual or rare) Call Bill after 8 pm 513-544-2331(x)

For Sale: semi-auto AUG excellent condition with lots of accessories. Best offer. Please call Ted at 617-247-8725.

Wanted MAS 223 semi-auto rifle with any accessories must be new or in like new condition will pay top dollar, call Bradd (308)254-5961(x)

Thompson SMG's: Call for info. or send business size SASE for current list; F.D.S., PO Box 292156, Lewisville, TX 75029-2156. 214-539-8096. All NFA/BATF rules apply. (xsept93)

Wolf Creek Armory (or anyone knowing their address) please contact me. I wish to buy some exotic ammo. Butch, POB 266, Glenoma, Wash 98336.(x)

Ohio Residents: Class 3 dealer will process N.F.A. transfers to qualified Ohio residents, reasonable, Darrell days (216) 947-1016

AR-15 30 rd. mags. By government subcontractor, 1990-1991 new manufacture in plastic wrap. \$6.00 + UPS The Arms Room (916) 372-2431

Galil AR registered receiver early gun as new \$4500.00. Have many accessories that can be purchased also. I may take semi auto HK 91/93 as partial trade. Fully transferable All BATF regs apply. Jim 813-353-5274 or P.O. Box 10693 Naples FI 33941.

Will trade Fleming M3, 50 cal. side plates for or toward AK47, MP AUG, Thompson or 50 cal semi rifle. Ray 203-295-9416

TSMG 1921AC 90% 64XX. TSMG 1921AC 80% 16XX with early markings. \$4250 each. All NFA rules apply. Call Bob evenings at (203) 661-1425.(xoct)

Stop/Reduce gun noise!!! Send \$10 for complete book or \$1 for Unique parts and accessories catalog. (Money Order Only) to: B.Z.R., P.O. Box 597485, Chicago, IL 60659-7485(x)

Valmet M-76 receiver cover with valmet scope mount and rings, excellent + \$150.00. MP 40 Bolt, complete, excellent \$150.00. P.O. Box 361, Alamance, NC 27201 or 919-222-1487 leave message.

Rare find: MP44 pouches \$750.ex. black leather MP40 pouches \$900. VGT MG/34 action cover mint \$200. Breda Mod. 30 leather box magazine pouch \$85. mint, Beretta WW2 magazine loader mint \$135. Breda Mod. 30 chargers mint \$10.00 evenings after 5pm Hermann 718-278-3708(xoct)

Machine Gun Belt Linkers. 1919.
60, RPD, MG42 and others \$125.
small and large units available. Call for quote. Hahn Machine, 3101 Sussex, St. Charles, MO 63301. 314-946-9567 (xjuly93)

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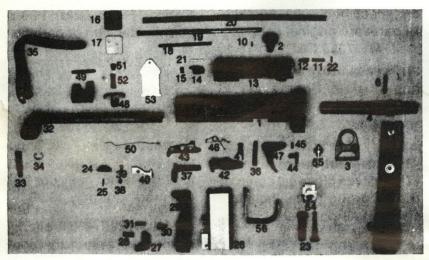
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