

VIRGINIA GUN COLLECTORS ASSOC., INC.





NRA Affiliate Number G8162 CMP Affiliate Number 026160





President Show/Reservations Manager Membership Ed Costello Rick Nahas George Dungan Phone: 703-241-7915 Cell: 571-215-8761 Phone: 571-243-6387 edwardcostello@comcast.net jet53sw@aol.com george@eccominv.com

Website: www.vgca.net

Facebook: @VirginiaGunCollectorsAssoc

Twitter: @VAGunCollectrs Instagram: @vaguncollectors

February 2022 VGCA Newsletter



President's Comments

Fellow VGCA Members,

The highlight of our January 27th membership meeting was Rob Becker's outstanding presentation of the development and history of the British STEN Gun. Unfortunately, due to technical glitches, some of those who wanted to watch the program on-line were not able to enjoy the presentation. We are fixing this

problem and I have been assured those future presentations will be available via a webinar. We are also working on modernizing and updating our web site to include an archive of our monthly presentations – look for a mid-summer roll-out of our updated website. Another disappointment at the January meeting was the absence of pizza at the meeting – I dropped the ball but we will fix this too, so come to the February 24^{th} meeting hungry!

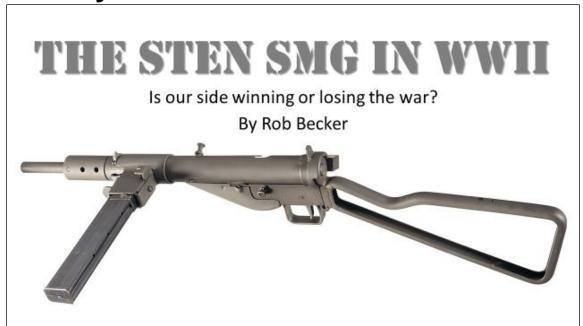
We all hope that this, the second winter of our virtual discontent, will soon pass – ushered in by our March 26-27 Gun Show at the fairgrounds in Manassas. There are still tables available so contact Show Manager Rick Nahas if interested in renting a sales table or putting together a display.

Stay safe everyone!

—Ed Costello, VGCA President

Annual Dues should have been paid by **December 31, 2021**. Please see details on pages 12-13.

January Presentation



Rob Becker gave a presentation on the STEN Submachine Gun (SMG) at the January Membership Meeting. He opened by explaining that a SMG is defined as an automatic, magazine fed, shoulder-fired weapon chambered in a pistol caliber. The first SMGs appeared at the end of World War I. They were

the German MP18 (in 9mm Parabellum and using the same 32-round "snail drum" as the Artillery Luger – *see image at right*) and the Italian M1918 (also in 9mm, developed from the early war twin Villa Perosa aircraft guns and using a 25-round magazine). A third design, the infamous American Thompson, was developed too late for the war and the design was not finalized until 1921.



Militaries around the world generally displayed little interest in developing or fielding SMGs in the years immediately after WWI. The few exceptions included the MP28 (a development of the MP18), the American Thompson (further refined and produced as the Model 1928), and the Finnish Suomi KP31. The official military ambivalence toward SMGs would begin to evaporate in the late 1930s, especially in



Europe, as the storm clouds that would soon result in a second World War began to form. During this time Germany would develop the MP38, Italy the excellent Beretta M38 (*at left*), and France the MAS 38. One notable exception was England – the Royal Army saw little

utility in Machine Carbines (their term for SMGs).

Rob shared a timeline of significant events from the beginning of WWII. He emphasized the "Miracle at Dunkirk" that took place 26 May – 4 June 1940, when 330,000 British, French, and Belgian troops were evacuated from France and brought back to England. While saving the troops was indeed miraculous,

they left behind almost all of their heavy equipment and much of their small arms. From the fall of France on 25 June 1940 until Germany attacked the Soviet Union on 22 June 1941, England faced the combined might of the German and Italian Axis alone. There was an expectation that Germany could invade Great Britain at any time. The military outlook was grim.

The English had seen the effectiveness of SMGs after encounters with Germans wielding MP38s and the new MP40s in both Norway and France. However, having done no development work pre-war, buying

SMGs from someplace else became a priority. Indeed, buyers sent to the United States (still neutral at this time) made buying Thompson SMGs (*at right*) their number 2 priority (after Lockheed "Hudson" anti-submarine patrol aircraft). They ordered 300,000 Thompsons, and as the



Thompson's .45 ACP round was not standard issue for the Brits, they also ordered <u>249 million</u> rounds of ammunition! However, these sales were on a strictly "cash and carry" basis – the guns and ammo still had to loaded onto English ships and sailed through a gauntlet of German U-Boats and Luftwaffe patrols to ports in Great Britain. Only about 100,000 Thompsons survived the trip. Clearly, this was not a sustainable model for equipping British and Commonwealth forces!



The search for a domestically produced SMG led initially to reverse engineering an existing design. Selecting the MP28 as their model, an engineering team was soon working to stand up a production line. The MP28 is a good design, featuring "old school" pre-war construction

of wood and machined steel. It required skilled labor and was expensive and time-consuming to produce. The initial contract to the Sterling Armaments Company for 50,000 "Lanchesters" (named for George H. Lanchester, the man responsible for setting up the production line at Sterling) was signed in June 1941. Over the course of a little more than two years, 80,790 Lanchesters (*above left*) were produced, primarily for the Royal Navy with some for the Royal Air Force. Unfortunately, the Lanchester SMG was "too little and too late."

Two individuals who had a hand in the Lanchester program thought they could do better. Major Reginald V. Shepherd (Inspector of Armaments for the Design Department of the Ministry of Supply) and Harold J. Turpin (Senior Draughtsman of the Design Department of the Royal Small Arms Factory, Enfield) felt they could design a simpler, more easily produced SMG. Their product became known as the STEN from Shepherd and Turpin with the last two letters coming from ENgland (per period documents from both Shepherd and Turpin, the EN does not come from Enfield as popularly believed). S + T + EN = STEN The initial prototype was handmade by Turpin at the Philco Radio works at Perivale, Middlesex over just 36 days during December 1940 and January 1941. It was a simple design meant for mass-production by unskilled/semi-skilled labor in small shops with the only parts made with any precision being the barrel and the bolt. The STEN is a magazine fed, open bolt, blowback, select fire shoulder weapon. Specifications

Caliber: 9mm Parabellum (aka 9mm Luger or 9x19)

OAL: 30-35" (depending on variant)

Barrel: 7.8"

Weight: 7.1 lb (3.2 kg) for Mk II

Rate of fire: 450-600 rpm

Magazine: Double-column, single feed 32-rounds (also used 50-round Lanchester Mags)



The first order for 100,000 STENs was placed on 6 Mar 1941 with Singer Manufacturing (note that this order was actually placed 3 months before the initial Lanchester contract). During the war there would be no less than 9 variations produced in varying numbers. They were the Mk I, Mk I*, Mk II, Mk II(S), Mk III, Mk IV, Mk V, and Mk VI. Ultimately, over 4.2 million Stens would be produced with parts or assembly contributed by over 300 contractors/subcontractors (example at left). Because the STEN was a simple design that made extensive use of sheet metal stampings, parts could be subcontracted out to many small machine shops. It did not require many skilled machinists – which were in short supply. Manufacturing dispersion was a very important consideration at this time during the war when large factory complexes frequently drew the attention of Luftwaffe bombing attacks!

Though production began in early 1941, the STEN did not see combat use until 12 Aug 1942 during the Dieppe Raid, which was planned as a hit-and-run attack on a German-defended port in northern France. While the attack itself was a disaster for Canadian and British Special Forces (many of the landing craft were sunk or disabled, preventing the soldiers from reembarking after the raid and leading to their capture), the STEN proved itself under battle conditions. The STEN was used by British and Commonwealth soldiers in every theater during WWII and proved popular with resistance groups



(French resistance fighter in Paris shown at right) in occupied countries.

Easy to manufacture, the STEN was a simple and effective, if somewhat crude, design. Soldiers of every nation quickly learn to love or hate various pieces of their kit, and the STEN was no exception (although it has been pointed out that no one "loved" the STEN - they just accepted it). The STEN became known as the "Plumber's Nightmare" and the "Stench gun." Like all firearms, it represented the end result of various design compromises. Its "pluses and minuses" are sumarrized below:

Positive Attributes

Designed to use simple stampings/welding Limited machining operations Cheap to produce Relatively easy to control Side mounted magazine well

Could be easily disassembled without tools

Allowed distributed manufacturing by small shops Could be quickly produced by semi-skilled labor \$11 per STEN vice \$200 per Thompson Provided excellent firepower Allowed the shooter to get lower to the ground when firing from the prone position Allowed Sten to be easily cleaned

Negative Attributes		
Reliability issues	Frequently traced to magazine design, ammunition,	
•	bronze bolt, or openings in receiver allowed dirt and	
	debris to enter	
No Safety - Accidental discharge	Dropped butt down allowed heavy bolt to retract and	
	pick up cartridge and fire without engaging sear	
Short range only	Limited to 100-200 yards (common to all SMGs)	

Details of the different Marks of STEN are as follow:

MARK I



The first model of STEN was designated the Mark I and was initial production variant. The first order for 100,000 placed on 6 Mar 1941.

- Produced Mar 1941 late 1941
- Manufacturers: Singer Mfg. and Fazakerley Royal Ordnance Factory (R.O.F.)
- Production: ~100,000

MARK I*



The Mark II was a simplified Mk I. It eliminated the wooden handguard, the folding vertical hand grip, and the flash hider.

- Produced mid 1941 early 1942
- Manufacturer: Singer Mfg.
- Production: ~200,000 (both Mk I and Mk I* combined for 300,149 units)

MARK II



The Mark II was the most common variant. It featured a shorter barrel sleeve, a replaceable barrel, a rotating magazine well, and either a "T" buttstock (*top left*) or skeletonized buttstock (*above right*).

- Produced Aug 1941 1945
- Manufacturers: Fazakerley R.O.F., Theale R.O.F., BSA, and Long Branch Arsenal
- Production: >2,000,000

MARK II(S)



The Mark II(S) – the (S) stands for Special Purpose – was a suppressed version of the Mk II. In order to ensure the 9mm bullet was subsonic, six vent holes were drilled through the shortened 3 $\frac{3}{4}$ " barrel just ahead of the chamber. As this not only reduced the velocity of the bullet but also reduced the energy imparted to the bolt, the bolt was lightened and the recoil spring shortened. Essentially handmade to ensure reliable operation, the Mk II(S) was limited to semi-auto fire as full auto could damage/reduce the life of suppressor.

• Produced in Spring 1944

Manufacturers: Fazakerley R.O.F. and Theale R.O.F.

• Production: 5,776

MARK III



The Mark III was a greatly simplified version with fixed barrel, longer barrel shroud. It was the crudest of the STEN variants and was the last of the "last ditch" variants.

• Manufacturer: Lines Brothers

Produced in 1943Production: 876,886

MARK IV



The Mark IV Paratrooper model with two versions, the Mk IVa (*above left*) and the Mk IVb (*above right*). They featured a shorter 3 ½" barrel, a shorter action/receiver, and a folding stock.

- Prototypes fabricated in 1943 not selected for production due to development problems and cost
- Prototypes built: <20 (based on serial numbers of remaining examples)

MARK V



The Mark V was the most refined STEN and featured a pistol grip/redesigned trigger group, Enfield rifle type front sight on barrel, and could mount the standard Mk IV spike bayonet used by the No. 4 Mk I Enfield rifle.

• Produced Feb 1944 – 1945

Manufacturers: Fazakerley R.O.F. and Theale R.O.F.

• Production: 526,719

MARK VI



The Mark VI (sometimes referred to as the Mk V(S)) was a suppressed version of the Mk V. It used the same suppressor design as the Mk II(S).

Produced Feb 1944 – Spring 1945

• Production: 25,324

During WWII, STEN production was not limited to England. Long Branch in Canada produced 149,905 Mark IIs (of which 73,000 were intended for aid to China, though not all were delivered). Australia made a modified version called the Austen (<u>AU</u>stralian <u>STEN</u>) (*at right*).



The design was simple enough that STENs were actually manufactured by underground groups in German-occupied Norway, Denmark, and Poland. Rob mentioned seeing a restored underground workshop that had produced STEN copies during WWII that is now a display in the Polish military museum in Warsaw.

Copies were even made in Germany. In late 1944, Mauser produced approximately 10,000 direct copies called the "Gerat Potsdam" for use by German clandestine forces behind allied lines. In 1945, Mauser produced approximately 11,000 slightly modified versions designated the MP 3008 (*at right*) as last ditch weapons for the Volkssturm.



The STEN would serve in no less than 57 countries during and after WWII and wouldn't be replaced in British service until 1953 - by the superb Sterling L2A1 SMG. It proved to be truly the right gun, at the right place, at the right time!

January Meeting

The January 27th VGCA meeting was called to order by VGCA President Ed Costello at 7:10 p.m. Member Tess G. treated the 38 members present to beautiful renditions of both the U.S. National Anthem and America the Beautiful. After Rob Becker's presentation on the British STEN SMG (*see summary above*), there was a brief business meeting.

Director Marc Gorelick tabulated the results of the voting for the "VGCA Member of the Year" Award for 2021 – congratulations to George Dungan! In addition to being the Legislative Affairs Chairman, tracking the latest proposed



changes to Virginia and U.S. gun laws, George (*the taller gentlemen above*) has just recently stepped up to replace Bill Chronister as our Membership Chairman. Finally, when Marc Gorelick was unable to organize the volunteers for the VGCA recruiting table at the Chantilly Gun Show last fall, George stepped in and did a great job! Voted by the membership as the Member of the Year, George received a certificate and voucher good for \$100 at one of our gun shows. Well done, George!

Director Matthew G. made a pitch for anyone interested in making a presentation at a membership meeting in 2022 to please contact him at <u>matthewofmclean@gmail.com</u>. We still need presenters for our April, May, June, August, September, and October meetings.

Show Security Director Frank Cambria asked for security volunteers for our March Gun Show. See details on page 11.

☼ Next Membership Meeting: February 24th

Topic: "U.S. Military Remington Rolling Block Pistols"

by Marc Gorelick

Location: the NRA HQ Conference Room

Our February VGCA Membership Meeting will again be at the NRA Headquarters – and it will be available via webinar for those who cannot attend in person (we are certain we have resolved the issue that prevented transmission of the January presentation). The Conference Room opens at 6 p.m. with pizza available (we promise!) starting at approximately 6:30 p.m. and the meeting starting at 7 p.m. Hope to see you then!



© Congratulations to our New Directors

As a compliment to the introduction of the new VGCA officers in January's newsletter, it is my pleasure to introduce our new Directors. Due to the delay in our elections necessitated by COVID restrictions, they will serve a slightly truncated term from December 2021 until May 2023. This will get us back on our By-Laws directed cycle of officer elections in even-numbered years and director elections in odd years.

Marc Gorelick - Director

I first became interested in firearms when I was a kid watching westerns on TV and World War II movies like "A Walk in the Sun." My father gave me my first gun, a non-operating LeFaucheux pinfire revolver, and after that it was "Katie - bar the door!" I am retired from the US government and have been collecting for many years. My collecting interests include post US Civil War martial arms, US Navy arms, and Swedish Mausers. I have also been a member of several arms collecting organizations, including the VGCA, Potomac Arms Collectors Association, Ohio Gun Collectors Association, Forks of the Delaware, and Ohio Valley Military Society, and have served on the VGCA Board of Directors for several years. A published author, since retiring I have written gun-related articles for collector journals and am a regular contributor of articles to the VGCA



newsletter and website. I have given presentations at meetings, and put on displays at VGCA and other gun shows, including at the NRA Annual meeting in Atlanta, GA, where I represented the VGCA. As a VGCA Director, I have served on a number of committees and working groups, am the VGCA Liaison to the Civilian Marksmanship Program and have coordinated the VGCA table at the Chantilly and other shows. I look forward to devising and implementing new initiatives to grow membership, increase interest in, and knowledge of gun collecting, enhance the VGCA experience for members, and promote the VGCA as a premier gun collecting organization in the mid-Atlantic region.

Matthew G. - Director

My interest in guns started at a young age. When I was growing up, my reward for being well-behaved or doing well in school was getting to go to the gun show. My favorite shows were always Bealeton and Dale City. My collecting flourished in college, when I realized I could afford to collect inexpensive pocket pistols, so called "Saturday Night Specials". I have displayed as well as presented on this subsect of firearms collecting. I enjoy handloading, firearm repair and refinishing, as well as the historical aspect of many American gun manufacturers. My two weaknesses are 22 rifles and cheap handguns. I was initially reluctant to join VGCA because I didn't know anyone in the club. After getting to know Dave



Litchfield, he got me to attend a meeting and sponsored me for membership. I'm now taking over Dave's spot on the board as the "presentation coordinator" and also arranging any field trips we may take as a club.

Ian Wulf - Director

Biography not received in time for publication.

Presidents – Past and Present



Current VGCA President Ed Costello (on the right) presented former VGCA President Bernie Breighner (on the left) with a Letter of Appreciation from the membership during a recent Chantilly Gun Show. Through Bernie's leadership, the VGCA experienced a period of unprecedented growth, surpassing 500 members for the first time. Bernie served a term of office that was unexpectedly extended due to the COVID quarantine and its impact on our ability to have elections. He made the tough call to cancel our spring 2020 gun shows (we had two planned) and oversaw the implementation of social distancing mandates in order to reopen with the November 2020 Show. His vision and guidance will benefit our organization for years to come. Job well done sir!

O VGCA Spring Gun Show

GUN SHOW: The time for our next semi-annual gun show is fast approaching. Our desire is to have the VGCA show continue to be known as the best gun show in the area but we can only accomplish this goal with the support of the membership. The dates for this show are March 26th and 27th - so mark your calendars! The tables are close to being sold out but a few still remain. If you would like a table or know of someone else who does please contact Rick Nahas right away to lock it in. Rick can be reached via email at *jet53sw@aol.com*

SET UP: Volunteers are needed for both setup and security. Setup will take place on the morning of Friday the 25th starting at around 10:00. The more people that we have the sooner this task can be completed. If you can help please contact Andrew Woodard at *ajw055570@aol.com*

SECURITY: We are also in need of volunteers for security. The shifts for security will be 1-4 and 4-8 on Friday, 9-1 and 1-5 on Saturday, 10-1:30 and 1:30-5 on Sunday and we need a minimum of four volunteers for each shift. In an effort to have security as tight as possible and prevent loss or other problematic issues, we are asking that all security people muster for a quick briefing about 15 minutes prior to their shift. We will also email each volunteer a copy of the Rules and Regulations for review about one week prior to the show. If you can work security please contact Frank Cambria at *ftcambria@yahoo.com* or 703-937-7670

We will keep you updated as we get closer to the start date and look forward to seeing you at the show!

Membership Chairman's Report

Membership Chairman's Report February 2022 – Please welcome the following new members to the Virginia Gun Collectors Association.

- Jim Kincheloe III of Warrenton
- **Tim Prince** of Nashville
- **Jeff Shinal** of Leesburg
- Stephen Chock of Woodbridge
- Cliff Sophia of Winchester
- **Justin Pham** of Chester
- Michael Farabaugh of Springfield
- Terry J. Popkin of Silver Spring

New Applications for Membership: Since the last Newsletter, there have been four new applicants for membership.

- Woo Suk Suh of Manassas, sponsored by George Dungan
- Roy Crarey of Woodbridge sponsored by Chris De Francisci
- Brent Sheltz of Bristow sponsored by Bruce Buchner
- Francis Torres of Manassas sponsored by Jack Looney

Thanks to the applicants for their interest in the Virginia Gun Collectors Association and to their sponsors for promoting the Association and keeping the membership growing.

If there are any comments or questions on any applicant, please notify an Officer or Director, and the Membership Chair before December 15, 2021. For questions, please email **George Dungan**, **Membership Chair** at **george@eccominv.com** or call me at 571-243-6387.

Notice to New Member Sponsors: VGCA will be discontinuing hard copy versions of the VGCA Newsletters at a future date. *Please make sure your prospective applicants include a legible email address* and *telephone contact number* if at all possible. Without an email address new members will NOT receive any newsletter or VGCA announcements.

Membership Numbers: There are currently 424 Life members, and 132 Annual Members, for a total of 556 members in the Virginia Gun Collectors Association, Inc.

Recruiting: Membership in the VGCA is a great way for people with an interest in the history, development, and use of firearms to broaden their knowledge and pass what they know on to others. It also offers the opportunity to network with individuals who have similar interests. To help facilitate new membership we have a recruiting table at every Chantilly gun show and also at our VGCA gun shows. If you would like to volunteer to work a shift at one of these events please let Marc Gorelick know.

Annual Membership renewals: All membership renewals were due by the end of December. If you have not yet renewed and wish to do so you can pay George in person at the February meeting or by mail using the form below.

George Dungan, Membership Chair

♣ Annual Membership Notice: Annual Membership renewal dues of \$30.00 at January 1, 2022. If you are in good standing, you may upgrade to Life Membership 2021 dues cycle for \$150 (only \$120 over the cost of renewing your annual mem no more annual dues requests). Failure to renew by the January Membership membership in your being dropped as a member in good standing. Members dropped payment of dues will have to go through the new member process to re-joint Association.	hip during the bership, plus neeting may I for non- n the
Please detach and return with your payment	
Membership Renewal (AMR-2021_10/2021 VGCA, Inc., P.O. Box 2318, Merrifield, VA 22116-2318	_
Please complete and return this renewal form with your payment. Indicate Annua you do not wish to renew your membership by checking the appropriate box belo Please Print Clearly	
Name:	
Address:	
Telephone: Email:	
☐ Enclosed is a check for \$30.00 for CY 2022 VGCA Annual Membership ☐ I wish to upgrade to Life Membership in VGCA. Enclosed is a check fo ☐ Remove my name from the VGCA membership roster. Make all checks payable to VGCA (Please - NO CASH or Money Orders).	
(VGCA Use Only Rec'd
	Paid
	Treas
	NL Due
	Due ID Iss
	33

Outgoing Membership Chairman Receives Certificate of Appreciation



VGCA President Ed Costello recently recognized member Bill Chronister (*above*, *at left*) with a certificate of appreciation. Bill served as the VGCA's Membership Chairman for over 5 years, starting in the fall of 2016. He accurately and efficiently managed our membership rolls during a time of unprecedented growth. Bill maintained our membership database in Constant Contact, thereby implementing a new and much more effective way to communicate within the club. The VGCA thanks you for your time and dedication, Bill!

THE ROTH-KRNKA M1907 PISTOL

(aka Roth-Steyr M1907 Pistol)

By Marc Gorelick

The Roth-Krnka M1907 pistol is also commonly known as the Roth-Steyr M1907. Although it is not well known in the United States, it holds an honored place in firearms and military history as the first mass adoption of a semi-automatic service pistol by the land army of any major power, preceding Germany's adoption of the Luger by one year. (Switzerland purchased 2,000 M1900 Lugers in 7.65mm in 1901 but issuance was limited.)



Roth-Krinka (Roth-Steyr) M1907. Note lack of serial number and unit markings on right side. Photo courtesy of Joh. Springer's Erben, Vienna, Austria. Photo of Karel Krnka inset on right.

The Roth-Krnka M1907 pistol was developed by the Czech firearms designer Karel Krnka, who at that time was working for the ammunition company of Georg Roth. The M1907 was based on the earlier Roth–Theodorovic series of prototype pistols, as well as the Krnka 1895 and the Roth-Krnka M1904 semi-automatic pistols.

Karel Krnka's father, Sylvestr, was a well-known gunsmith, who designed a breechloader rifle that was adopted as a metallic cartridge conversion of a muzzle loader by Russia (M1867 Krnka), Montenegro, Romania, and Bulgaria. The Berdan eventually replaced the Krnka in Russian service. Karel Krnka

himself was born on April 6, 1858 in Oradea in Romania, then a part of the Austro-Hungarian Empire. He served in the Austro-Hungarian Army as a technician and developed improvements to their existing service rifles, including a "rapid loading auxiliary magazine" for single-shot rifles and an improved version of the Werndl rifle with an automatic ejector. After his discharge, he worked in Prague before going to England in 1887, where he was chief engineer for the Gatling Arms & Ammunition Company in Birmingham. He returned to Prague in 1890, and in 1898, Georg Roth hired him as a designer and manager of Roth's ammunition factory. While working with Roth, he developed various self-loading pistols, culminating in the successful Roth-Krnka M1907. When Roth died in 1909 Krnka went to work for the Hirtenberger cartridge factory in Austria. In 1922, he moved back to the newly-independent Czechoslovakia and served as an adviser at Česká Zbrojovka (CZ) until his death in 1926. Besides the M1907 and 1895, he also developed the Krnka-Sederl 1885 bolt action rifle, and the Krnka-Hertenberg and Roth-Haenel 1889 semi-automatic rifles.



Roth-Krinka (Roth-Steyr) M1907. Photo courtesy of Joh. Springer's Erben, Vienna, Austria

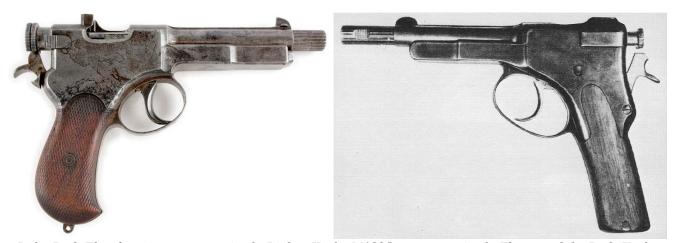
After several years of development Roth entered the Roth Krnka pistol into the 1906 Austro-Hungarian Army trials. The army was looking to replace its outmoded Rast-Gasser revolvers. The Roth-Krnka entry won the trials and was adopted by the *Kaiserliche und Königliche Armee* (Imperial and Royal Army) as the Repetierpistole M.7 (self-loading pistol M1907) to arm the cavalry. Some were later issued to the infantry and air force becoming known as "Flieger-Pistole" (Flyer Pistol). Since Roth was an ammunition manufacturer and had no weapon production capabilities, the government bought all the manufacturing rights and ordered production in the *Österreichische Waffenfabriksgesellschaft* (OEWG or OWG) in Steyr and *Fegyver és Gépgyár* (FEG) in Budapest, Hungary. From 1908 to 1914, Steyr and

FEG produced from 90,000 to 99,000 M1907 pistols. According to one source, 97,547 went to the army - Steyr delivered 59,334 pistols to the army and FEG delivered 38,213. The remainder were apparently sold on the civilian market. (Note: Various sources give different numbers of guns produced (i.e., 60,000 by Steyr and 30,000 by FEG) and one source states that none were sold on the civilian market.)



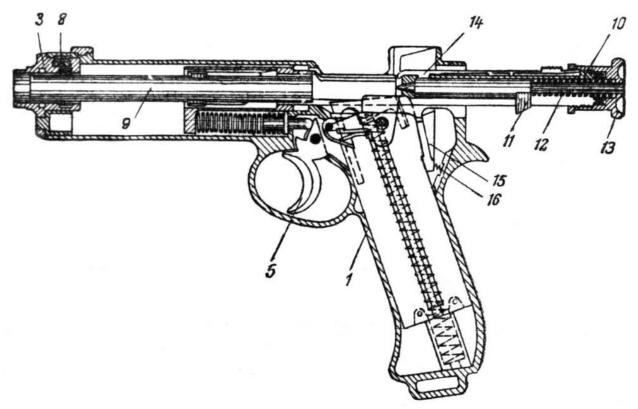
Roth-Krnka (Roth-Steyr) M1907 with bolt open. Photo – Royal Armouries, UK

The 8mm Roth-Krnka was the one of the main side-arms of the Austro-Hungarian army and, as stated, was principally issued to the cavalry and air force. My research also indicates that a number likely were issued to the navy. The Landwehr, or infantry, used a different pistol, the Steyr M.1912, also known as the Steyr-Hahn which was chambered in a 9mm Steyr cartridge. The Steyr-Hahn was adopted by the army in 1914 and became Austria-Hungary's principal sidearm during World War 1. The Hungarian army (within the Austro-Hungarian Empire's Army) used the FEG produced Frommer Stop semi-automatic pistol in 7.62mm. Following the dissolution of Austria-Hungary after World War 1, the Roth-Krnka M1907 was used by Austria, Hungary (at least until 1939), Yugoslavia, Czechoslovakia, and Poland. A number were given to Italy as part of Austria-Hungary's war reparations, and these were used by Italian troops in World War 2.



Left - Roth-Theodorovic prototype pistol. Right - Krnka M1895 prototype pistol. These, and the Roth-Krnka M1904 pistol were precursors to the Roth-Krnka M1907 pistol.

The Roth-Krnka (or Roth-Steyr) M1907 was a well-made short-recoil weapon with a locked breech and at least two unusual mechanical features. The most remarkable feature is the bolt which extends for the full length of the receiver. The hollow front of the bolt completely surrounds the barrel, the rear portion being solid except for the striker tunnel. The bolt fits inside the tubular receiver, forged and machined as part of the pistol frame. Two lugs on the barrel-breech engage with cam grooves in the inner surface of the hollowed bolt, while two lugs on the outer surface of the muzzle fit grooves in the muzzle bushing or nose cap. When the gun is fired bolt and barrel recoil for about 12mm on firing, locked together by the engagement of the rear barrel cams in the bolt grooves. At the same time the muzzle cams move backward in the helical grooves in the muzzle bushing. During the early part of the recoil, the grooves in the bolt rotate the barrel lugs through 90 degrees. When the barrel has rotated 90 degrees, the muzzle lugs reach the end of the grooves in the muzzle bushing and stop the barrel. The lugs in the breech are aligned with a straight section of the grooves inside the bolt, which allows the bolt to run back by itself, extracting and ejecting the spent cartridge case. The top round in the integral magazine then rises through a slot in the bolt and is pushed forward into the chamber as the bolt returns to battery. The barrel is rotated back to its locked position as the return spring pushes the entire bolt/barrel mechanism forward again.



Schematic of the Roth-Krnka M1907 from a Russian manual.

The Roth-Steyr also has an unusual striker mechanism, which contributed to its heavy trigger pull. The action has been termed a quasi-double action. The first pressure on the trigger drew the striker to the rear, further heavy pressure released it. The striker had to be manually cocked for the first shot. As the bolt goes forward, the striker is held by the sear with minimal compression of the striker spring. Pulling the trigger forces the striker back, compressing the striker spring, until it is released by the sear to fire the cartridge. It has been suggested that the Austrian cavalry demanded this mechanism. The pistol does not

have a safety and the action not only demands a conscious effort to fire it but guards against a skittish horse jolting a conventional cocked hammer out of engagement with the sear. Unfortunately, the extremely heavy creeping trigger pull was not conducive to accuracy.

Two other features are worth noting. The floating barrel is retained by a quickly detachable nose cap or bushing which permits the easy removal of the barrel for cleaning. One just presses a retaining key fitted through the top rib near the front sight, and then just pull the nose cap and barrel clear of the breech block and frame. The pistol also has a very generously proportioned, easy-to-grasp cocking piece at the rear of the breech block which is pulled back to cock the gun and to load it. The pistol did not use a separate magazine but rather the ammunition was on a 10-round stripper clip which was inserted into the top of the gun. The cartridges were then pushed down into the butt magazine with the help of a thumb guide that was part of the stripper clip.



Roth-Krnka (Roth-Steyr) M1907 s/n 64474 manufactured at Steyr. Serial numbers were on the right side of the frame. Unit markings were often on the metal disk in the right-side handle. Photo – Royal Armouries, UK

The Roth-Krnka M1907 is 9.1" long, with a 5.1" long barrel. It weighs 2 pounds, 2 ounces. The name of the factory where it was manufactured, Steyr or FEG, is stamped on the top of the pistol. Those made in Austria at Österreichische Waffenfabriks-Gesellschaft (OWG) Steyr read *WAFFENFABRIK STEYR*. Those made in Hungary at Fegyver és Gépgyár Budapest (FEG) often read *FEGYVERGVAR BUDAPEST*. Components made at Steyr were marked with a **K** and those made at FEG were marked with a **R**. Government acceptance marks were either **W-n** (later **WN** or **Hv**) or **B-p** followed by the

Austrian double eagle or arms of Hungary and the date of issuance. These were stamped on the rear of the frame underneath the charging handle. It was produced 1908-1913 at Steyr and 1908-1914 at FEG.



Stamp on M1907 made at Steyr in Austria. Photo - Hungaraie

Stamp on M1907 made at FEG in Hungary. Photo – Hungaraie.



Most Roth-Krnkas (including those made in Hungary) carry a "W-n" military proof mark, applied by the Austrian government arsenal in Wiener-Neustadt, together with the Hapsburg eagle. This pistol was accepted in 1911. Photo - Hunaraie



Some of the Roth-Krnkas were reissued by Austria after WW1. Pistols reissued before 1926 received a 2nd Wn date. The photo to the left shows the first acceptance stamp from 1910, "W-n 10," and the second acceptance stamps in 1925, "Wn 25," covering the first stamps. Photo - Hungaraie



Austrian pistols reissued after 1926 carry a 'Hv'
Heeresverwaltung (Army Administration), Austrian Army
acceptance proof mark with the date of issuance 1927-1938.
Sometimes when they stamped over the old acceptance marks the
made the previous marks illegible.



Colorized 1910 photo of Austro-Hungarian officers at the range, shooting Roth-Krnka M1907s.

The gun fired a proprietary 8x19mm Roth cartridge that developed a muzzle velocity of 1045-1090 fps (about 330m/s). It had an effective range of 50-75 meters and could penetrate a 10" thick fir block at a distance of 25 meters.



Photo above - 8x19mm Roth cartridge for the Roth-Krnka M1907. Photo – Malis.

Photo right – Austrian Army holster for the Roth-Krnka M1907. It is 10.5" high and 6.75" across the top flap. There is a separate pocket for spare ammunition clips. There were several varieties including one for mountain troops.





Austro-Hungarian Navy sailors in WW1. Note the Roth-Krnka M1907s in their holsters.



Old drawing of the major parts of the Roth-Krnka M1907

The Roth-Krnka M1907 was tested in both the United Kingdom and the United States but was not accepted by either country. Although the M1907 was well made and gave good service in the Austro-Hungarian army in World War 1, it was a difficult and expensive gun to manufacture. For instance, the frame started out as a block of forged steel and required numerous intricate machining operations to get to its final form. These expensive and time-consuming operations drove up the manufacturing costs and contributed to the Austrian government's decision to end production and concentrate on the Steyr-Hahn M1912 and Frommer Stop pistols.

♥ VGCA Recruiting Continues at Chantilly!

By Rob Becker

Thanks to the on-going efforts of members Marc Gorelick and George Dungan, the VGCA continues to successfully recruit new members at the Chantilly Gun Show. The VGCA volunteers who made that happen during the weekend of February $4^{th} - 6^{th}$ 2022 show were:

Allen Reid Frank Cooper Bruce Buchner Phil Hill
Sydney Rodda Chris Britton Joe Roberts Tess G.
Jack Looney Chris De Francisci JimBurgess and others!



On Friday, VGCA member Gary Latta (at far left) came by the table show a recent acquisition. Pictured examining Gary's Martini Henry converted to .22 Rimfire are volunteers Chris De Francisci and Frank Cooper.

Additional VGCA table volunteers on Saturday (*at right*, *from left to right*) were Jim Burgess, Tess G., and Al Reid.

The VGCA gained four prospective new members and as an added benefit. Thanks to all who helped!

The next Chantilly Gun Show is scheduled for April 22-24, 2022 and we are soliciting volunteers to support the VGCA Membership Table. This is an excellent opportunity to spend a few hours with fellow gun collecting enthusiasts, meet new people, help the club, get into a big show *for free* and possibly find something to fill that hole in your collection. Volunteers are needed for all three days – Friday, Saturday, and Sunday. If interested in helping, please contact George Dugan to volunteer at *george@eccominv.com* or call (571) 243-6387.

GUNS OF DISTINCTION

CUSTOM OSWALD PRINZ No. 1 KIPPLAUF

By Marc Gorelick

Photos courtesy of Joh. Springer's Erben, Vienna, Austria



The custom hunting rifles made by Oswald Prinz, master gunsmith, of Maierhöfen, Germany are among the finest examples of the gunmaker's art in the world. Each gun is a unique masterpiece in wood and steel, made to the customer's exacting specifications with the pinnacle of master craftsmanship. This Prinz rifle is what is called in Germany a Kipplauf style, known for its convenient dimensions and light weight. Chambered in 6.5mm Creedmoor for long range accuracy during hunting in mountainous terrain, it uses Prinz's proprietary No. 1 combination break/falling block action for its simplicity, robustness and reliability.



Weighing 7.28 pounds, with a LOA of 39.8 inches long and its single barrel is 18.9 inches long with a threaded muzzle. It can take exchangeable barrels in calibers up to .338 Lapua. The action, made of high tensile chromemolybdenum steel that has been nitrided, is hand-made and hand-fitted, as is the rest of the rifle.



The action, triggerguard and metal parts are deep blued and decorated with an exquisitely delicate scroll engraving. The classic style stock with its straight comb is made from a beautiful dark burr walnut with a lovely grain and has

an elongated pistol grip with a steel cap. The clean lines, action, engraving and stock complement each other with a refined elegant simplicity.



This custom one-of-a-kind rifle was offered by Joh. Springer of Vienna, Austria for 25,290 euros or \$28,268. A princely sum for a princely rifle made for European royalty, a Russian oligarch or a Saudi Arabian prince.



Lightweight Kipplauf style rifles, like the Oswald Prinz featured here, are at their best in hunting situations where a light weight, short length and fast handling rifle is preferred. They are one of the best possible rifle designs for use in Alpine and rugged terrain, especially if the rifle will need to be carried for long periods of time.

The break-action keeps the overall rifle length a few inches shorter than possible with a repeating action such as a bolt-action, and the rifle can be easily taken down by removing the barrel for convenient transport. The break-action also lends itself to barrel switching so that one can have barrels in different calibers to adapt the rifle to whatever hunting situation is encountered.

The Prinz No. 1 retains all those positive features. Plus the proprietary No. 1 action is one of the strongest actions combining as it does a break action with a falling block. To open the rifle the shooter pushes the top-lever to the right which drops the barrel. As the action opens the falling-block is drawn downwards, exposing the chamber and clearing the breech so the ejector can eject the fired case.

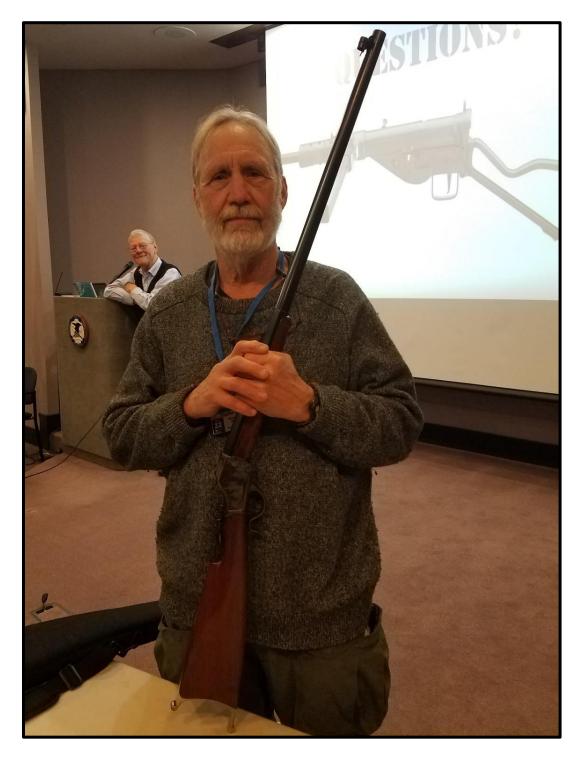
♦ Show-n-Tell ♦

NOTE – NOTE: Anyone bringing in items for Show-n-Tell, please hold them up so the members can see it. This will also help your Volunteer Photographer get a decent photograph of the special item you brought to show, and people who could not attend the meeting can see it clearly in the newsletter. Thank you!

.....

VGCA Show-n-Tell Fact Sheet

Manufacturer:		
Model:		
Caliber:		
Years of Production:	Total Produced:	
Year this example was manufactured (if known):		
Significance:		
Question(s) for members:		
Name (optional):		
Where acquired (optional):		



Member 1 (*above*) brought in a beautiful Winchester Model 1885. Confirmed by factory letter as manufactured in 1889, it features a heavy barrel, Swiss buttplate, and is chambered in .32/40 Winchester. The .32/40 is a black powder match or target cartridge that was initially chambered in the single-shot Ballard Union Hill Rifle in 1884 and fired a 165 grain lead bullet over 40 grains of Fg blackpowder. Per Frank Barnes' book *Cartridges of the World*, the .32/40 "established a reputation for fine accuracy" and was chambered in Winchester and Marlin rifles starting in 1886. This rifle was obviously built as a target gun, but interestingly lacks a set trigger common to target rifles of the era. It came out of Minnesota and is in excellent condition.



Following the STEN presentation at the January membership meeting, one of our members provided a photo of him holding a suppressed STEN SMG (*above*) with the following note:

"Attached is the picture of me holding a STEN with a suppressor attached. This was taken by a fellow Springfield Armory engineer, John Sarvis, probably in the summer of 1965. My involvement was to hold the gun so John could take the picture. I do not recall what John's interest was but guess he was studying suppressors. I worked in Springfield Armory in the Development Branch/Aircraft Weapons Section from July 1964 until July 1967."

② 2022 Presentation List **③**

MEETING DATE	TOPIC	PRESENTER
24 Feb 2022	U.S. Military Remington Rolling Block Pistols	Marc Gorelick
March 2022	No Meeting due to our Spring Gun Show	
28 Apr 2022	The History of the U.S. in 10 Firearms	Bronson Armstrong
26 May 2022	TBD	TBD

We are still putting together the presentation schedule for 2022. If you have any suggestions – or would like to make a presentation yourself – please contact one of the VGCA officers or directors.

Outpoint Upcoming Events and Shows

PLEASE NOTE: VGCA members are strongly encouraged to <u>verify shows before driving to an</u> <u>event</u>. These dates were confirmed when this newsletter was written, but are not guaranteed.

VIRGINIA - 2022

- **⇒ Feb 19-20, 2022 Doswell, VA** Meadow Event Park *SGK*
- **⊃** Feb 19-20, 2022 Harrisonburg, VA Rockingham County Fairgrounds *Showmasters*
- **Mar 5-6, 2022 Hampton, VA** Hampton Roads Convention Center SGK
- **⇒** Mar 12-13, 2022 Fredericksburg, VA Fredericksburg Expo & Convention Center SGK
- Mar 26-27, 2022 Manassas, VA Prince William County Fairgrounds VGCA our show!
- **○** Mar 26-27, 2022 Richmond, VA Richmond International Raceway Showmasters
- **○** Apr 9-10, 2022 Virginia Beach, VA Virginia Beach Convention Center SGK
- **○** Apr 9-10, 2022 Fishersville, VA Augusta Expo Showmasters
- **○** Apr 22-24, 2022 Chantilly, VA Dulles Expo Center *Showmasters*
- **○** Apr 30-May 1, 2022 Fredericksburg, VA Fredericksburg Expo & Convention Center SGK
- **○** Apr 30-May 1, 2022 Wytheville, VA Apex Expo Center Showmasters
- \bigcirc May 21-22, 2022 Salem, VA Salem Civic Center C&E Gun Shows

MARYLAND – 2022

- → Mar 19-20, 2022 Timonium, MD Maryland State Fairgrounds Maryland Arms Collector Association
- **○** Apr 2-3, 2022 Frederick, MD Frederick Fairgrounds Appalachian Promotions
- **○** Apr 30-May 1, 2022 Timonium, MD Timonium Fairgrounds Appalachian Promotions

PENNSYLVANIA – 2022

- **⊃ Feb 19-20, 2022 Bloomsburg, PA** Bloomsburg Fairgrounds *Eagle Shows*
- **⊃** Feb 19-20, 2022 Kittanning, PA Pony Farm Trap & Gun Club Pony Farm T&G Club
- **⊃** Feb 26-27, 2022 Allentown, PA ParkView Inn & Conference Center Eagle Shows
- **⊃** Feb 26-27, 2022 Ellwood City, PA Wurtemburg-Perry Fire Hall Wurtemburg & Perry FD
- **⇒ Feb 26-27, 2022 Sellersville, PA** Forrest Lodge VFW Hall and Club *Jaeger Arms*
- **○** Mar 5-6, 2022 Gettysburg, PA Allstar Events Complex Eagle Shows

PENNSYLVANIA – 2022 (continued)

- → Mar 5-6, 2022 St Thomas, PA St Thomas Volunteer Fire Department CANCELLED
- **Mar 5-6, 2022 Wind Gap, PA** Plainfield Township Vol Fire Company *Eagle Shows*
- **○** Mar 5-6, 2022 York, PA York Fairgrounds Appalachian Promotions
- **○** Mar 12-13, 2022 East Berlin, PA East Berlin Fish & Game East Berlin Fish & Game
- **○** Mar 12-13, 2022 Franklin, PA Rocky Grove Fire Hall Rocky Grove VFD
- **○** Mar 12-13, 2022 Morgantown, PA Morgantown Expo Center Eagle Shows
- **→** Mar 12-13, 2022 Quarryville, PA Solanco Fairgrounds *Lancaster Muzzle Loading Rifle Assoc.*
- **○** Mar 12-13, 2022 Thompson, PA Thompson Vol Fire Co *Jaeger Arms*
- **○** Mar 18-19, 2022 Shippenville, PA Oak Grove Events Building Brimstone Arms
- **Mar 19-20, 2022 Allentown, PA –** ParkView Inn & Conference Center *Eagle Shows*
- **Mar 19-20, 2022 Altoona, PA Blair County Convention Center Eagle Shows**
- **3** Mar 19-20, 2022 − East Stroudsburg, PA − VFW Post #2540 − Jaeger Arms
- **3** Mar 19-20, 2022 − Kittanning, PA − Pony Farm Trap & Gun Club − Pony Farm T&G Club
- **○** Mar 19-20, 2022 Muncy, PA Lycoming Mall Bear Arms Promotions
- **○** Mar 20, 2022 Portland, PA William Pensyl Social Hall Portland Hook & Ladder Co. No. 1
- **Mar 26-27, 2022 − Gettysburg, PA −** Redding Auction − *Central Pennsylvania Antique Arms Association*
- **○** Mar 26-27, 2022 Harrisburg, PA PA Farm Show Complex C&E Gun Shows
- **Mar 26-27, 2022 Lake Harmony, PA** Split Rock Resort *Eagle Shows*
- **⇒** Mar 26-27, 2022 Lewis Run, PA Lewis Run VFD Station 6 Lewis Run VFD
- **○** Mar 26-27, 2022 Newtown, PA Newtown Athletic Club Eagle Shows
- **○** Apr 1-3, 2022 Oaks, PA Greater Philadelphia Expo Center Eagle Arms
- **⇒** Apr 2-3, 2022 Monroeville, PA Monroeville Convention Center *Showmasters*
- **○** Apr 9-10, 2022 Allentown, PA ParkView Inn & Conference Center Eagle Shows
- **○** Apr 9-10, 2022 Stroudsburg, PA Jackson Township Vol Fire Co Jaeger Arms
- **○** Apr 9-10, 2022 Washington, PA Washington PA County Fairgrounds ARH Sport Shop
- **○** Apr 30-May 1, 2022 Bloomsburg, PA Bloomsburg Fairgrounds Eagle Shows
- May 14-15, 2022 Allentown, PA Allentown Fairgrounds Forks of the Delaware Historical Arms Society
- **May 14-15, 2022 Morgantown, PA Morgantown** Expo Center *Eagle Shows*
- **May 14-15, 2022 Tobyhanna, PA** Veterans of Foreign Wars *Jaeger Arms*
- **May 20-22, 2022 Long Pond, PA** Pocono Raceway Tall Timber Tactical
- **○** May 21-22, 2022 Barnesville, PA Lakeside Ballroom *Jaeger Arms*
- **○** May 21-22, 2022 Carlisle, PA Carlisle Expo Center Eagle Shows
- **May 22, 2022 Portland, PA William Pensyl Social Hall Portland Hook & Ladder Co. No. 1**
- **○** May 28-29, 2022 Sellersville, PA Forrest Lodge VFW Hall and Club *Jaeger Arms*

SPECIAL EVENTS / SHOWS – 2022

- **⇒ Feb 23-27, 2022 Louisville, KY –** Kentucky Expo Center *Ohio Valley Military Society*
- **Mar 12-13, 2022 Wilmington, OH** Roberts Convention Centre *Ohio Gun Collectors Assoc*
- **○** Apr 2-3, 2022 Tulsa, OK Tulsa Fairgrounds Wanenmacher's Tulsa Arms Show
- **○** Apr 30-May 1, 2022 Wilmington, OH Roberts Convention Centre *Ohio Gun Collectors Association Annual Display Show*

FOR SALE:

The "For Sale" section of the Virginia Gun Collectors Association (VGCA) Newsletter is provided as a service exclusively to the members of the VGCA. The VGCA, its officers, and directors are not responsible for any listings made in any VGCA Newsletter. We are not responsible for the accuracy (condition, value, etc.) of any listings. <u>All buyers, traders, and sellers agree to comply with all local, state, federal, and international laws in regards to items sold via the VGCA Newsletter.</u> It is their duty and responsibility to ensure the quality and value of the transaction and that all such laws are followed at all times. Buy, sell, or trade at your own risk.

If you would like to list an item (or items) in the VGCA Newsletter, please send your description, price, and contact information to <u>rpebecker@verizon.net</u>. I must receive your material no later than the second Sunday of the month for it to be included in that month's newsletter. Unless other arrangements are made, items will be listed for one issue of the Newsletter.

FOR SALE:

- ♦ VGCA member Charlie Pate has four books that he has authored for sale, at discounted prices to VGCA members. These include:
 - "U.S. Handguns of World War II" \$45.00
 - "The Smith & Wesson American Model" \$55.00
 - "U.S. Military Arms Inspector Marks" \$45.00
 - "The Colt Model 1860 Army Revolver" \$60.00

If interested, please contact Charlie at usarmsresearch@gmail.com

FOR SALE:

After more than two and a half years of research, VGCA member Bill Vanderpool has recently published his book <u>Guns of the FBI</u>. This book is available at GunDigest.com or can be purchased directly from Bill by calling 703-626-2975. He is more than happy to sign a copy for you. Cost is \$50.00.

FOR SALE:

Garand Photo Essay. This second book, titled M1 Garand Photo Essay Volume II covers all new material, to include the M1C and M1D sniper rifles as well as a myriad of M1 accessories. Best of all, both books mare offered at a discount to VGCA members. Volume I is normally priced at \$69 and volume II lists for \$49, VGCA members can buy them directly from Larry for \$60 and \$40 each respectively - or \$90 total if you buy both. Look for Larry Babcock set up near the VGCA recruiting table at the next Chantilly Gun Show or order from him directly at larrybab@comcast.net / 703-856-2561.

FOR SALE:

- **☼** French wooden cased copy of 4th Model Colt 22 Rimfire Short Lord Derringer made by Butler. Side pivoting Thuer action, single shot, 2.5" black chromed bbl., gold plating, walnut grips, unfired. EC. \$295 Now \$250.
- Classic Winchester Model 12 20-gauge pump action shotgun. Rare 30" full choked barrel, tight action, safe queen, excellent bore, bluing and wood, 1946 production. \$1195

Smith and Wesson: The original centerfire 38 caliber (.38 S&W) handgun from 1876-1877. BABY RUSSIAN 5-shot, spur trigger w/ excellent bore and rare 4 inch barrel and block letter grips. All matching numbers, nicely nickel plated, with authenticating S&W letter. \$1795

♦ Winchester Model 94AE carbine, side loader w/angle ejection, 4x see thru mounted scope. Excellent bluing and wood. Includes case, cable lock and some ammo. \$\frac{\$1195}{}\$ Now \$1095.

Raffle tickets available for engraved LC Smith 20 gauge shotgun. \$5 each

If interested, contact John at 571-308-4978

FOR SALE:

5.56x45 NATO SS109 Ammo. General Dynamics 62grain FMJ. Box of 250 rounds for \$160.00



♦ .40 S&W: Winchester Black Talon (21 rounds), peer/Remington/Hornady (22 rounds), mixed 43 rounds total, in an MTM plastic box. \$50.00



② 7.62x25 Tokarev Ammo. Eastern Bloc surplus (dated 1984) in 72 round boxes. \$45 per box (14 available).

♦ Hornady .450 Nitro Express Ammo. 3 ¼" 450 grain DGX, 20 round box, very limited production. \$125.00

Cold Steel Sanburu Spear. Three sections – head/blade, shoe/butt spike, and double taper hardwood handle. \$65.00



Prices firm. Contact Jack for details at looney.house@verizon.net

The e-mail address for any Newsletter-related matters is <u>Newsletter@vgca.net</u> - or you can reach the editor directly at <u>rpebecker@verizon.net</u>. Feel free to e-mail items for inclusion in the newsletter. For changes of address or non-receipt of the newsletter, either via e-mail or the mailed hard copy, please contact Rob Becker or George Dungan.