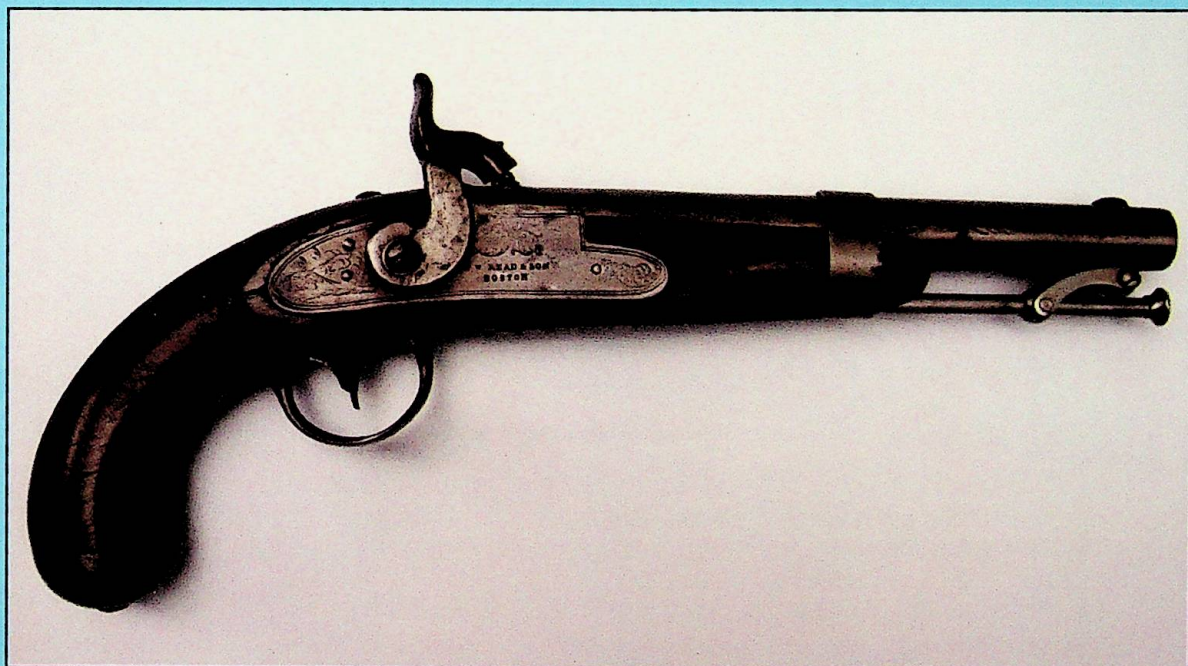


U.S. MARTIAL ARMS Collector

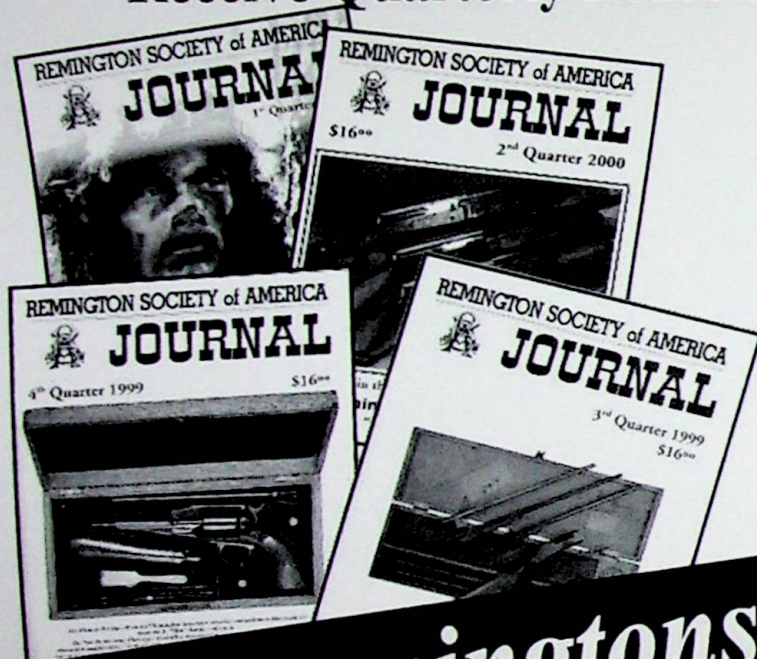
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Number 120 September 2009

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Or contact: **RSA Secretary Sue Creamer**
P.O. Box 5520, Salem, OR 97304
(503) 585-1040

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Wayne P. Gagner



U.S. MARTIAL ARMS COLLECTOR

CIRCULATION MANAGER
Wayne P. Gagner

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Cover: **William Reed and Son, Boston.**
Massachusetts Militia Pistol.

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U.S. Martial Arms Collector 120-1

MISCELLANEOUS NOTES

The Economy, Health Care, and Politics have unfortunately caused many problems and controversy. It may have also caused uncertainty in our collecting, personal finances, and laws that affect our collecting. There is no doubt that costs and personal finances drive the market for weapons. The effects of the economy and the resultant financial position of all collectors will have some affect on the value and sales or disposal of our collections. It may be important to accurately describe all of an individual's items in a collection. There are several ways to keep records that run from simple written comments on model, dates, and other data to detailed logs on acquisitions: tags on each weapon or item; copies of similar items from auctions and sales; and photos or computer generated descriptions.

Current interests

SRS receives many requests and inquiries for data on a wide variety of weapons and we will continue to answer as many questions as possible. Our data base is now at a point where we are spending a lot of time trying to sort out information. This limitation will continue and we will work on it as much as possible. There is great interest in 1903A3 rifles, serial numbers, exact manufacturing techniques, and identification of all parts and assemblies. The other interests include Civil War and almost anything made at Springfield. There are many more inquiries concerning family guns that have been handed down to a new generation. They include many standard weapons but also many unique and historic weapons. There have been quite a few weapons that are turning up at all collectors' sources. Gun shows still draw many people that are seeking items for their collections as well as those that tour and examine many items

on tables. Collectors always want to gain more insight in to weapons in their collections and also to verify data on items that they already have. Variations of known models are of interest and this steady stream of people examining most weapons continues and adds to an information flow and potential business for table holders. It appears that many gun shows that have a mixture of dealers, casual sellers, collectors, and owners selling personal and family acquisitions offer the greatest options for collectors to buy. Gun shops of all types and locations are being sought out to locate a specific or general item for collectors, investors, and casual buyers. There have been many reports of sales and auctions being good sources that are both heavily advertised and those that are locally confined. The interest is still very strong but varies according to the area economy. There are still many interested parties with funds to buy at all locations in the U.S. It appears that this will continue.

Collectors and references

There are many more references available from more books and widely used internet options. This are of interest has brought more data to more people that search for specific weapons. The cost and value of weapons is now getting more well known and seems to drive many sales issues. Conversations concerning the availability of a certain type or model of a weapon seems to affect the price and availability. Many guns are sold when a buyer is told that a weapon is very rare and the seller offers data to verify the claim. The data on rarity or other descriptions is always on people's minds and reference material is being used more often and many times are carried by potential buyers. This has lead to a major sales program by book dealers and internet forums that are very active at gun shows and stores.

U.S. Martial Arms Collector 120-2

Conversations run the entire gamut of very accurate to very sparse information. Collectors need to be very well informed if they are buying an expensive item. There is no way to confirm all collecting issues other than be well prepared with personal knowledge or accurate research information. The cost of many books are very high if one wants to cover all collecting areas. Books are also very heavy to carry and are not suitable for quick decision purchases. The internet is not as easy to carry as is thought and portable lap tops can be heavy and complicated to operate at a gun show or in a gun shop. SRS receives many inquiries based on a potential sale. Buyers ask for immediate responses to try to make a decision. This is often impractical except for cases where it is contained by two people in a discussion stage that can be revisited at any time. A take it or leave it situation requires a personal knowledge for a decision. There are always collectors asking other collectors for comments on a potential buy before committing to the acquisition. We receive many inquiries concerning buy decisions and can not in many cases, come up with a desired answer. Our hobby, business, and interests have many issues that make it interesting and challenging. The hunt is on and continues. SRS will continue to assist our subscribers as best as we are able. We are always interested in your comments and thoughts that would be of interest to our readers and hope that anyone that is interested will email us data on this subject. We also discuss this issue with auction houses to gain insight into the market, the prices, and trends.

Serial Number Oddities

Serial numbers are continually creating questions and there is no easy explanation. There are significant gaps in some models and no reason for some random

appearance of series of numbers. The U. S. Military assigned some blocks of serial numbers for contractors and arsenals but there have been many changes and exceptions. It is always a challenge and there is no way to develop a strict account of all numbers. There were also many numbers use on rebuilt and damaged guns as well as time delays on production. The most famous issue was a test made on Springfield Armory rifles in the 1800's. A test of 10 weapon cases showed that there were no consecutive numbers and gaps in the thousands for numbers in a single case.

Springfield Research Letters

We are writing letters for our subscribers but still encounter delays. They are based on missing documents at the Archives and no way to recover some data. We have a few serial numbers that require an extensive amount of time and effort to complete. We are enlisting some other sources to do additional research.

Recent Activity

Our web site has had a continual activity of one thousand to fifteen hundred hits per month. We will answer all inquiries that are possible.

Serial Number Letters

Basic letter- This letter provides information from the SRS data base that was compiled over many years of research. This letter will include information on a weapon and its use such as military unit, date, and possible secondary information. It will not include specific data on names or combat use that requires travel and research through extensive visits at government facilities.

This category will include ***Sales letter information*** with any available sales documents and other similar data. We receive many requests for 1903 sales rifles, NRA sporters, National Match rifles, International rifles, Colt, Smith & Wesson pistols, and General Officers weapons.

U.S. Martial Arms Collector 120-3

We will provide Springfield records of DCM sales documents if available.

Research letter -This letter requires travel to government facilities and research government. It takes a minimum of one day of analysis and requires travel, research, and review at government facilities. These efforts will be limited in number and may take several months to accomplish. Completion of the search is based on time and availability to visit the government facilities as well as their regulations.

Additional data will be listed on our web as it becomes available.

usmartialarmscollector.com.

We are always interested in receiving photos VIA the internet for rare or unique weapons. We continue to add many more photos for our research and data base. It is an asset for the U.S. Martial Arms Magazine and SRS Newsletter. Our only limits continue to be the time and effort available to do research at government facilities.

Springfield Research Service Data Base

We are still studying new ways to publish or work with our serial number data base. This will continue until we find the best solution

Our subscribers to the US Martial Arms Collector Magazine and Springfield Research Newsletter can request a serial number check at any time. We will respond with a yes or no concerning information in our data base for that specific number. There is no charge for subscribers.

We are doing research on starting up another on line serial number capability. This will take an extended amount of time and the results will be printed and on our web site.

Mail requires extra time for an answer to a number request. A subscriber can request a letter with basic and research

information. Please see our web site:

usmartialarmscollector.com

Please send inquiries and questions to:

editor@usmartialarmscollector.com

An inquiry can be made by mail to SRS Box 126 Cabin John, MD 20818. This may take an extended time to look up the number and send a letter by mail.

We also review activity on the various web sites and find that our readers should be the ones that benefit from our data base, book sales, and other products.

Plans are underway to change some of our products with additional manuals and books. As we develop the products, they will be put in the magazine and on the US Martial Arms Collector web site. We may include more data on the web site, if it is of interest and benefits our readers.

Data on Books, and Web Page

We will continue setting up a plan to list articles of specific interest with issue number on the web page. The lost software has been corrected and we will start a process of emailing a list of articles for the early magazines (1 through 40). This will be in response to subscribers that email a request for an outline of past articles.

Krag Rifle Story

Original new second editions with serial numbers are available for \$ 100 postpaid. They are limited in the number and are below costs posted by many book dealers. It is not expected that the supply will last.

Serial numbers

The data base continues to grow and is well over 100,000 numbers. There are no plans to publish the old serial number books.

Web site is: usmartialarmscollector.com

All of our products are only available for our subscribers and are mailed from: **U.S. Martial Arms Collector Box 126 Cabin John, MD 20818.**

U.S. Martial Arms Collector 120-4

Back issues of the U.S. Martial Arms Collector Magazine and Springfield Research Newsletter are available. The older newsletters and the newer magazines run from issue number 1 through 120 and can be ordered from **U.S. Martial Arms Collector Box 126 Cabin John, MD 20818.**

The old newsletters are \$5 postpaid and the magazines are \$10 each postpaid. A few issues of The U.S. Martial Arms Collector Magazines may be available as copies only.

Past publications requires us to store most old issues and keep them air conditioned. We will do this as long as practical.

Springfield Research Service

The Springfield Research Service web site is open: ***usmartialarmscollector.com.***

SRS Letters & Costs

Letters: SRS will include two different letter types:

Basic letter (and sales letters) \$ 50.

Research letter (requires more than one day of travel, access to government facility and research) \$ 175 (orders are available for 2009).

Cover

The revolver pictured in this issue is an example of a Massachusetts militia pistol from the 1800's. It was made in Boston from a combination of U.S. Pistol parts made in the 1830's through the 1840's. There were requirements for every able body man to have a weapon and to be in the militia. It appears to be the other way around today. Massachusetts has strict laws that prevent many types of ownership. Some writings of the this era show that meetings on the Village Green on Sunday afternoons were subject to many training problems. They included inept marching, bayonet safety, and some accidental weapon discharges. The term regulated usually described trained.

Interest and Comments

All comments and questions on U.S. Martial hand guns and long arms are welcome.

1903 Shop manual

We have misplaced the master copy. Sorry, there will be a delay. The 1903 Shop manual will be available. The cost is \$ 20.00 postpaid. We have other military model shop manuals that have been copied directly from original documents. They include the M14, Commercial rifles used by the armed forces, and other miscellaneous models. They are reproduced one at a time as subscribers order them. Please give feedback if there is interest in these documents.

Trading Post

We offer no charge listings for non commercial subscribers. There has been little activity in this area and we need feedback on any interest for Wanted, For sale or Trade items.

Currently we have one request- **Wanted For Sale.** M 1807 Dragoon made by William Rose of Philadelphia. Used for enlisted calvary; probably during the War of 1812. Please contact editor.

(Notes: We have had some very rare items sold on this board. Many times the correspondence is restricted to buyer and seller. Please comment to the editor on this subject).

The current and several previous magazine issues have provided some factual data on rare and limited or test weapons used by the U.S. military and contractors. We are always surprised at the data that is available on unique examples of firearms and bayonets. This also includes limited test and production runs. There have been several cases of rare or very desirable weapons showing up at gun shows and being sold by disinterested parties. There is no pattern and many dealers pass them up because of a lack of information.

U.S. Martial Arms Collector 120-5

GUNS LETTERED

Springfield Model 1903,
serial no. 1268807
National match. m1925. DCM

L. K. Leonard, Rice Lake WI
October 2, 1925.

Joslyn Carbine serial # 210
Company H, 19th NY Vol Cal
September 25, 1863.

Springfield serial no. 420018,
Company A 6th Penn Nat Gd
October 27, 1890.

Colt U.S. Army 1860 #32792

Colt Model 1860 Army
Company H, 6th NY Vol Calvary.
February 2, 1864.

Colt U.S. Army 1860 #32792

Company H, 6th NY Vol Cal
February 2, 1864.

NRA 1903 Sporter # 1406934

Model 1903 rifle, Star Gauged
Serial no. 1258497
G.A. Hughes, Youngstown, Ohio.
February 1, 1924.

Springfield Model 1903 rifle, serial no.
1275984

Clifford R. Brown, East Lynn,
Massachusetts.
May 27, 1928.

Springfield Armory Trapdoor Rifle #
401,440
Company G of the 51ST IOWA Volunteer
Infantry

Smith and Wesson Revolver serial no. 3052
shipped from Smith and Wesson in
Massachusetts to Springfield Armory
September December 1, 1917.

U.S. Martial Arms Collector 120-6

Questions & Answers

I have acquired an 1884 trap door rifle and have been told the serial # was traced to Texas, would like information and cost to acquire a letter and information.
Respectfully M.J.S.

Sorry, no data on that rifle. Editor

Reference your data from GUNS LETTERED concerning Sharps Carbines.

I'd appreciate it if you'd see if the owner is willing to exchange information. I may have a photo or two I can send. Give me a day or two to see what I can find.

We will contact owner. Editor

I am a subscriber and would like know if you have any data on a M1 Garand serial number 5844832 which I just purchased from the CMP. I cleaned the grease off and discovered that it has a NM gas cylinder and NM front sight. But barrel does not have any NM markings.

Sorry, no data on that number. CMP may have the data. The Army has refused to release data on most of the old sales rifles.

I have a Spencer Carbine. Can you verify the serial number.

We have some Spencer serial numbers but not all of them. It is impossible to make a "close to number" analysis. It must be an exact number as there are many gaps in numbers and in many cases no production line nor number control.

Serial number books are not available. Editor

Question/comment: I recently subscribed to your organization, I own what I believe to be a 1903 sporter #1264731, Can you give me any info on this rifle?

Yes, we have information on that serial number. Editor.

Question/comment: I just became aware of your service when it was mentioned by, a Civil War dealer, from Ohio in an email about a John Brown Sharps. I collect CW guns, swords, etc. One of the guns that has always puzzled me is a 1860 Spencer carbine I bought years ago. It is SN#22,696. Roy Marcot's Spencer Repeating Firearms book, says that Spencer first produced the Spencer Rifle to about SN#11,000 before picking up the serial numbers with the production of 1860 carbines. The carbine serial number was interrupted between 22,000 and 24,000 when the state of Massachusetts ordered 2,000 rifles. Once these 2,000 Massachusetts released Spencer to sell them to the feds instead. So my carbine's serial number fits right in the middle of a serial number run. He does say the serial number range of 22,000 to 24,000 is an estimate, however. So this gun has always intrigued me because of that seeming inconsistency. If I am reading your web info correctly, you will tell me if you have any data in your database on that particular gun and, if so, I can then order a letter detailing that. Is that correct? I also have an 1860 Colt Army and a Remington New Model cartouched for federal service, once I understand the service you provide. At this point, can you advise if your database has info on that Spencer carbine, so I can follow up on that please? I look forward to subscribing to your publication.
Thank you.

We have no data on that Sharps. It would require an extensive search to provide detailed data on Sharps and Spencers. Serial number books are no longer available. Editor

U.S. Martial Arms Collector 120-7

M1 GARAND PLASTIC STOCK RIFLE

A test of plastic stock rifles was made in May 1956. The U.S. Aberdeen proving grounds initiated this effort as Project TS2-2015. The tests included 4 rifles with plastic stocks to be used under all climate conditions and subject to operation and accuracy. Standard wooden stocks were used as a standard. The results showed the benefits of handling and durability but also showed deficiencies in terms of accuracy with a poorer accuracy. It appears that John Garand and his genius of design is hard to beat.

The Garand rifles used in the tests were:

2774525
4200771
4201185
4205526

The collector that finds one of the rifles with one of the above numbers will have a rare find. These tests were also followed by extensive tests of Brownells Glass bedding for Garand stocks and rifles, and also a test for M5E bayonet.

DEVELOPMENT AND PROOF SERVICES
ABERDEEN PROVING GROUND
MARYLAND

AUTHORITY: CRDTS
PRIORITY: 1C

Mr. LFMoore/sh
25 May 1956

A TEST OF PLASTIC STOCKS
FOR THE M1 RIFLE
FORTY-FIFTH REPORT ON PROJECT NO. TS2-2015
DATES OF TEST: 12 OCTOBER 1955 TO 7 MARCH 1956

OBJECT

To obtain a comparison of the characteristics and performance of plastic and standard wood stocks on the M1 rifle.

SUMMARY

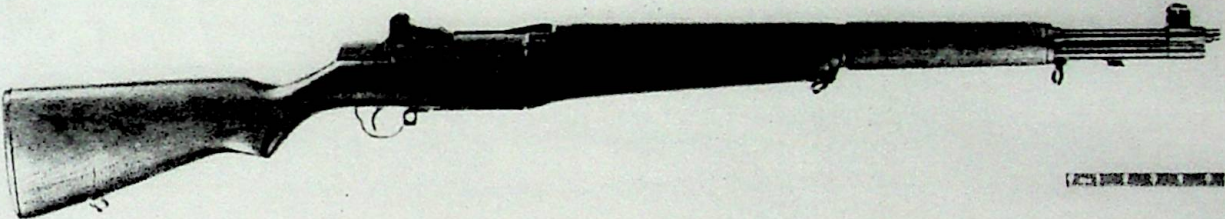
Four plastic stocks were mounted on M1 rifles and subjected to accuracy, endurance, cold, heat, grenade firing, and weathering tests. Standard wood stocks were used as a control.

CONCLUSIONS

The plastic stock is superior to the standard wood stock with respect to handling qualities, strength, and resistance to the effects of heat and weather conditions. The plastic stock has the undesirable characteristic of reflecting light, and the accuracy performance was slightly poorer when using the plastic stock.

RECOMMENDATION

Further development is recommended to produce a plastic stock which will be superior in every respect to the standard wood stock.

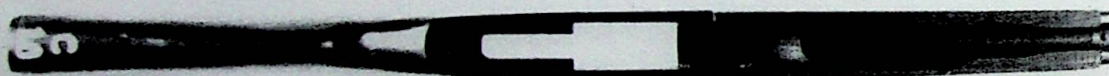
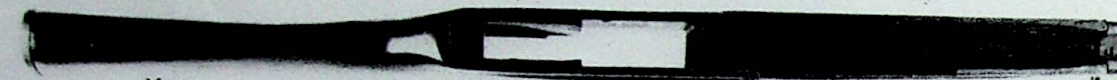


B11505

8 ABERDEEN PROVING GROUND 8

4 October 1955

Project No. TS2-2015. Plastic Stock for Rifle, U.S., Caliber .30, M1.
Plastic stock assembled to rifle (top) and standard wood stock
(bottom).



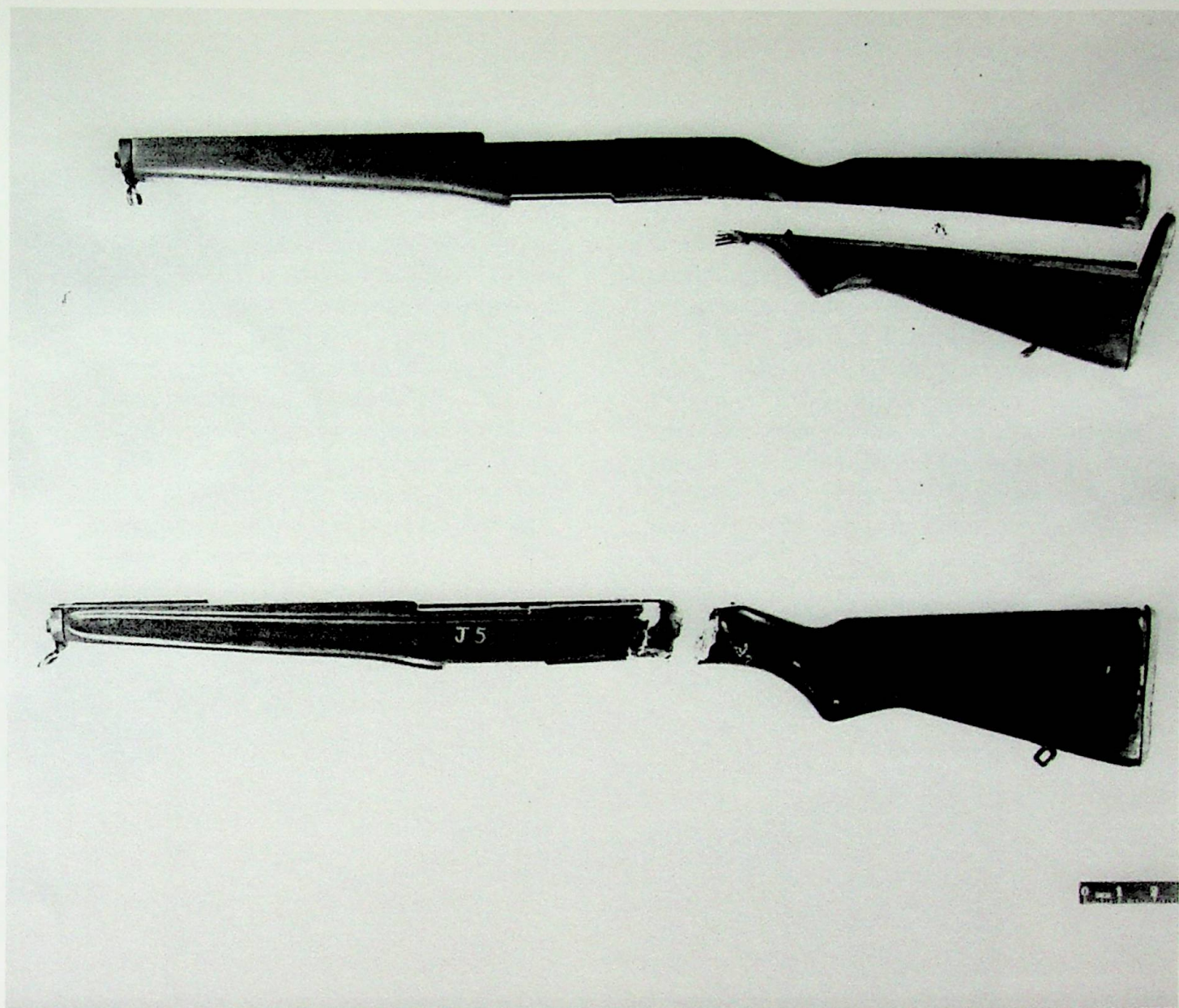
B11506

8 ABERDEEN PROVING GROUND 8

4 October 1955

Project No. TS2-2015. Plastic Stock for Rifle, U.S., Caliber .30, M1.
Plastic stock disassembled from rifle (top) and standard wood
stock (bottom).

U.S. Martial Arms Collector 120-10

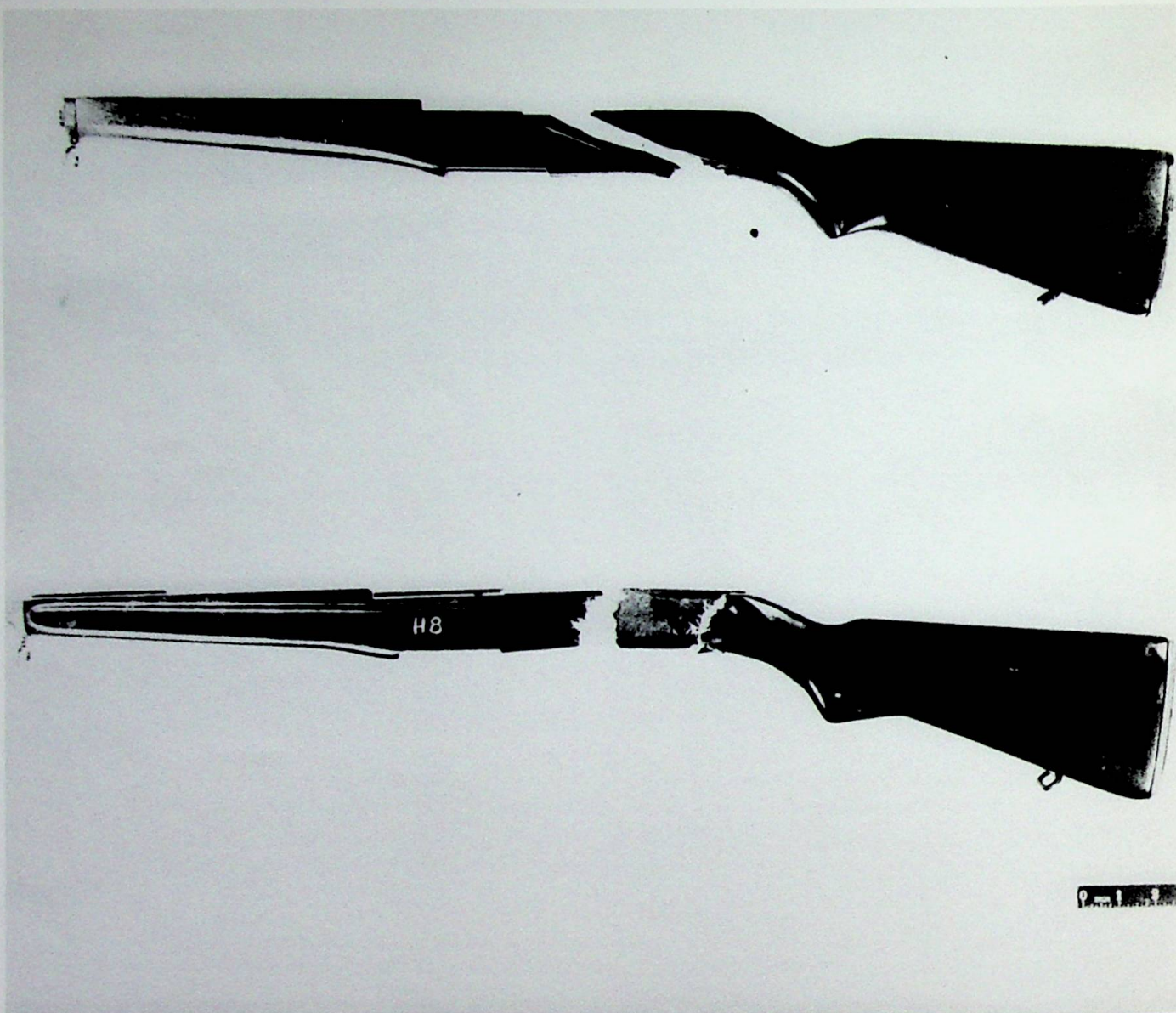


B13045

§ ABERDEEN PROVING GROUND §

9 December 1955

Project No. TS2-2015. Plastic Stocks for Rifle, U.S., Caliber .30, M1. Stocks broken in launching grenades. A total of 50 grenades were launched using each. The wood stock (top) and the plastic stock (bottom).



B13046

8 ABERDEEN PROVING GROUND 8

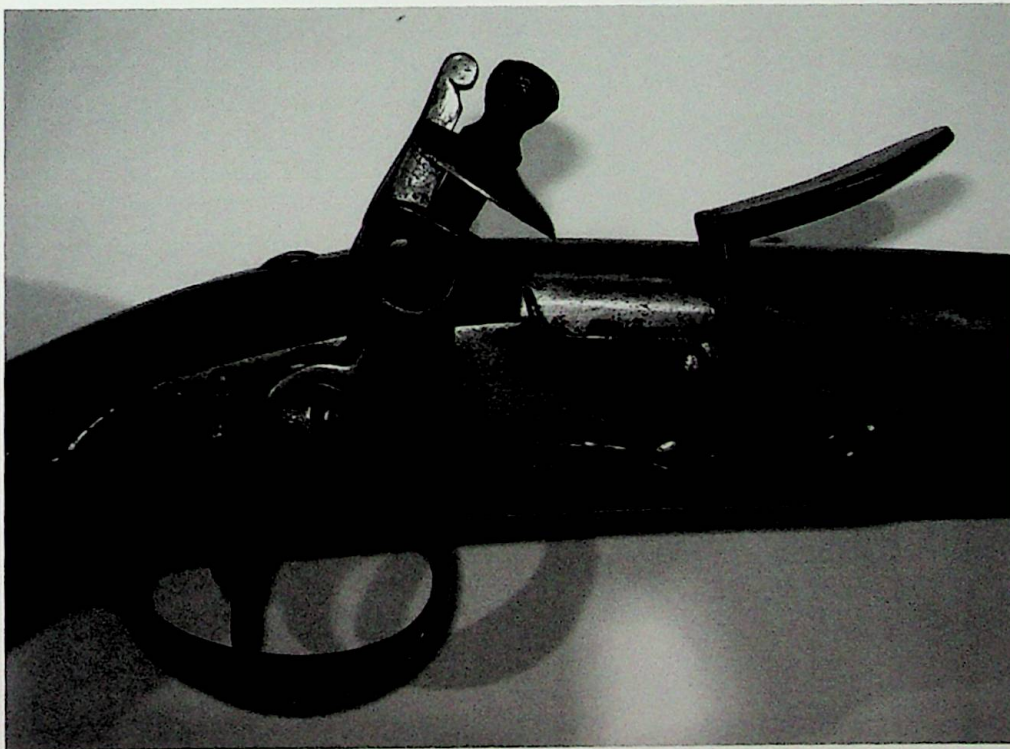
9 December 1955

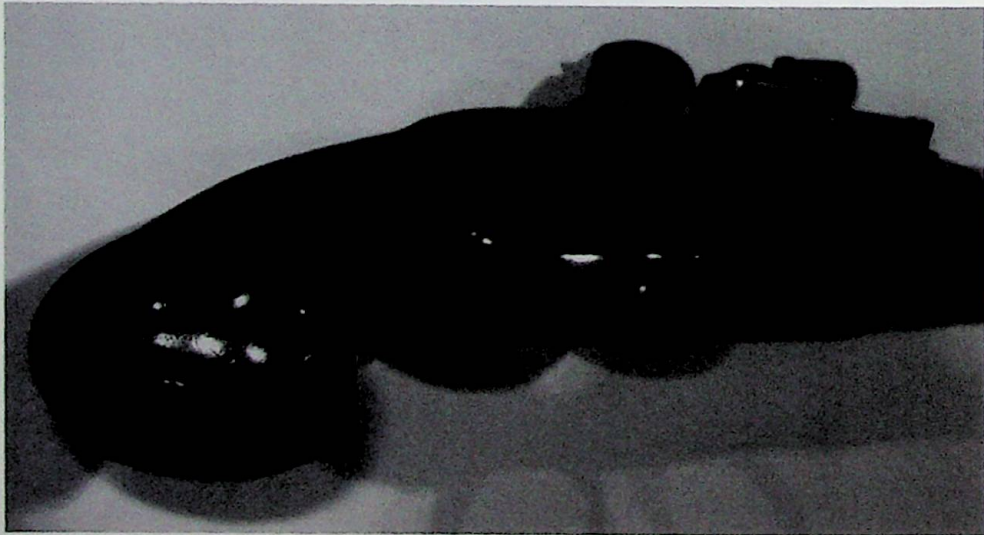
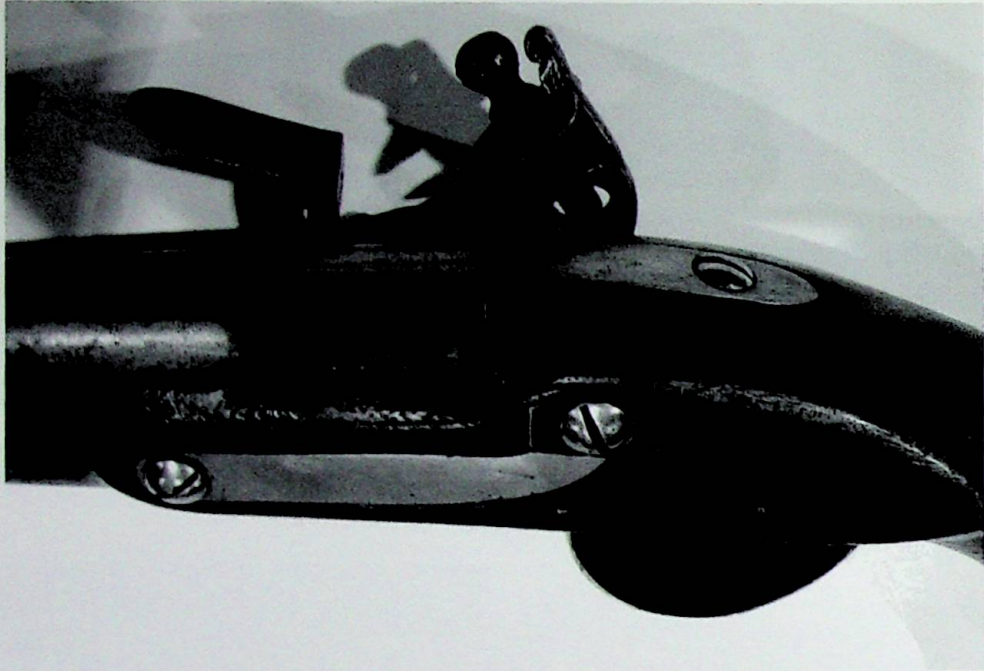
Project No. TS2-2015. Plastic Stocks for Rifle, U.S., Caliber .30, M1. Stocks broken in launching grenades. These stocks were subjected to the same firing schedule. A total of 3 weighted grenades were launched using the wood stock (top) and 6 using the plastic stock (bottom).

JOSEPH HENRY 1808 PISTOL

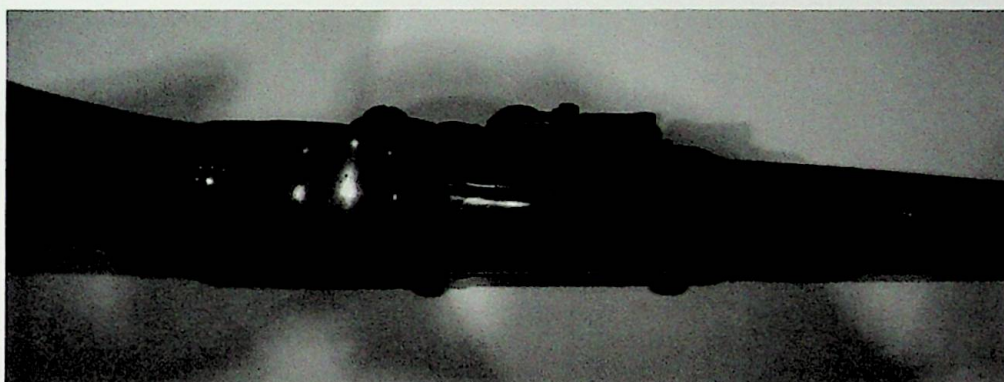
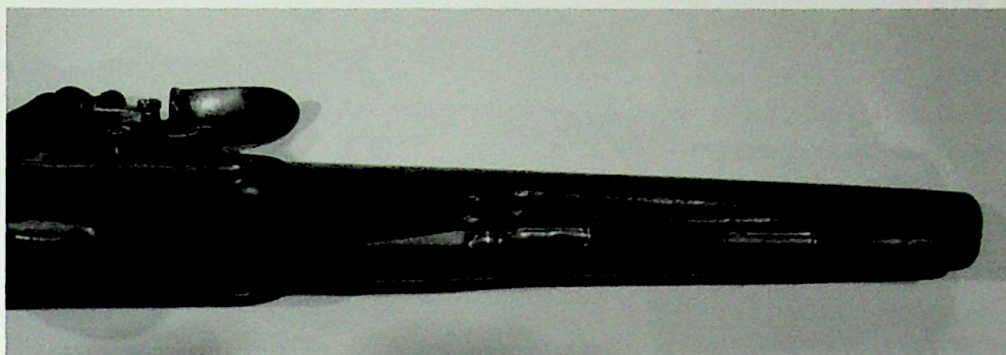
The Henry Pistol is a rare secondary U.S. Martial pistol. The actual number manufactured is still unknown and it was made in Army and Navy configurations. It was in caliber 56 smoothbore with some variations in markings. Manufacture was in Philadelphia and there is some data that approximately 1500 were made or contracted for. The dates of manufacture were part of an 1807 contract effort and it is believed that all weapons were received.

The Army Model was made along with a Navy Model, with a belt hook. Contracts were completed by 1810. We are still searching for data on units or states that received the pistols. The pistol illustrated has a belt hook that is damaged with the hook missing. It may have been purposely broken off to be carried easier; or broken in use. This weapon was sold in 1986 through the auction of the Eagle Museum in Pennsylvania. They are seldom found for sale. This weapon is now in a private collection.





U.S. Martial Arms Collector 120-14

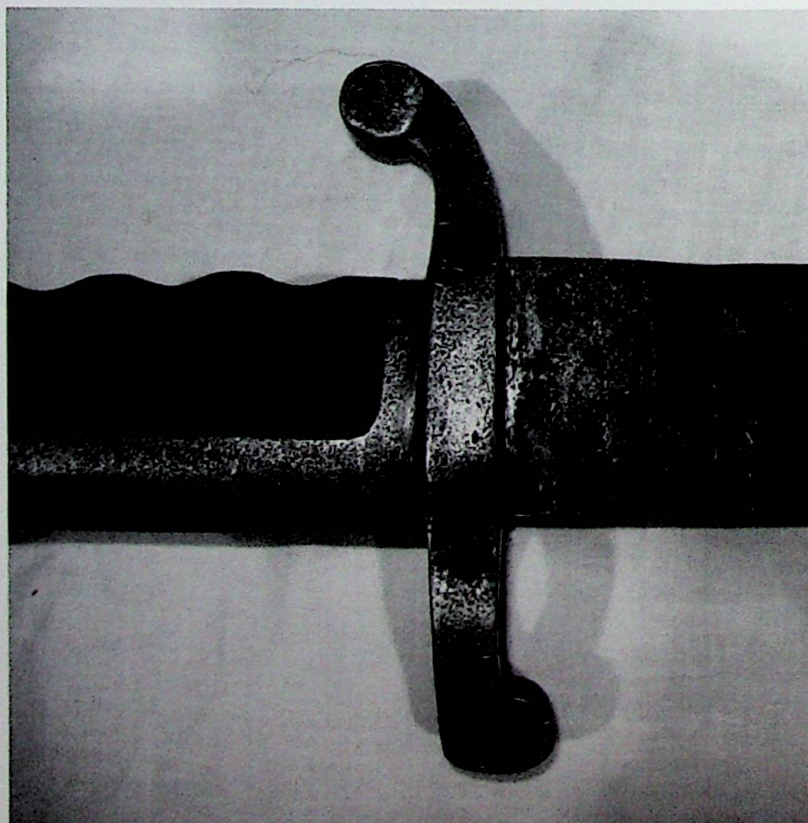
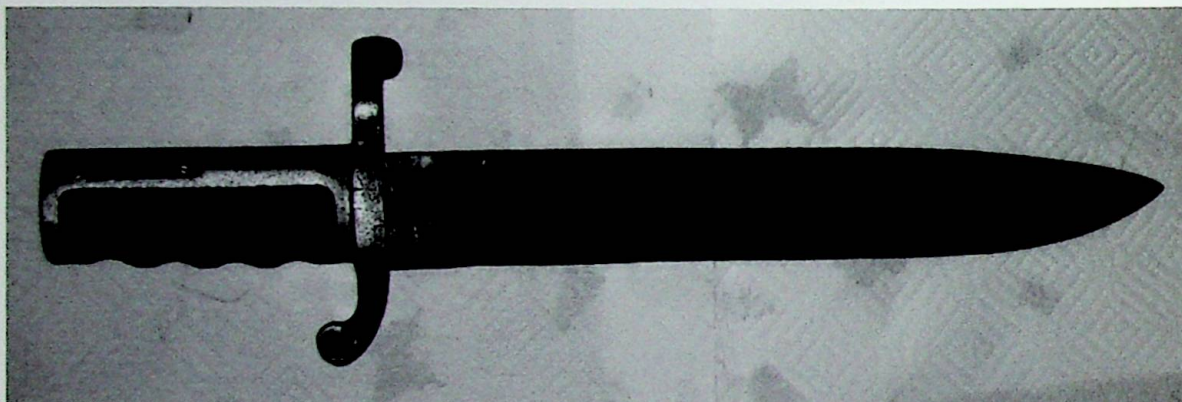


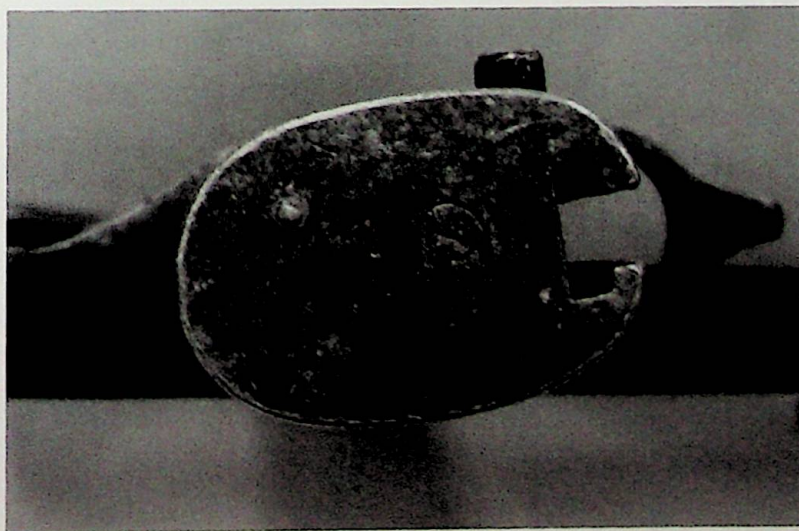
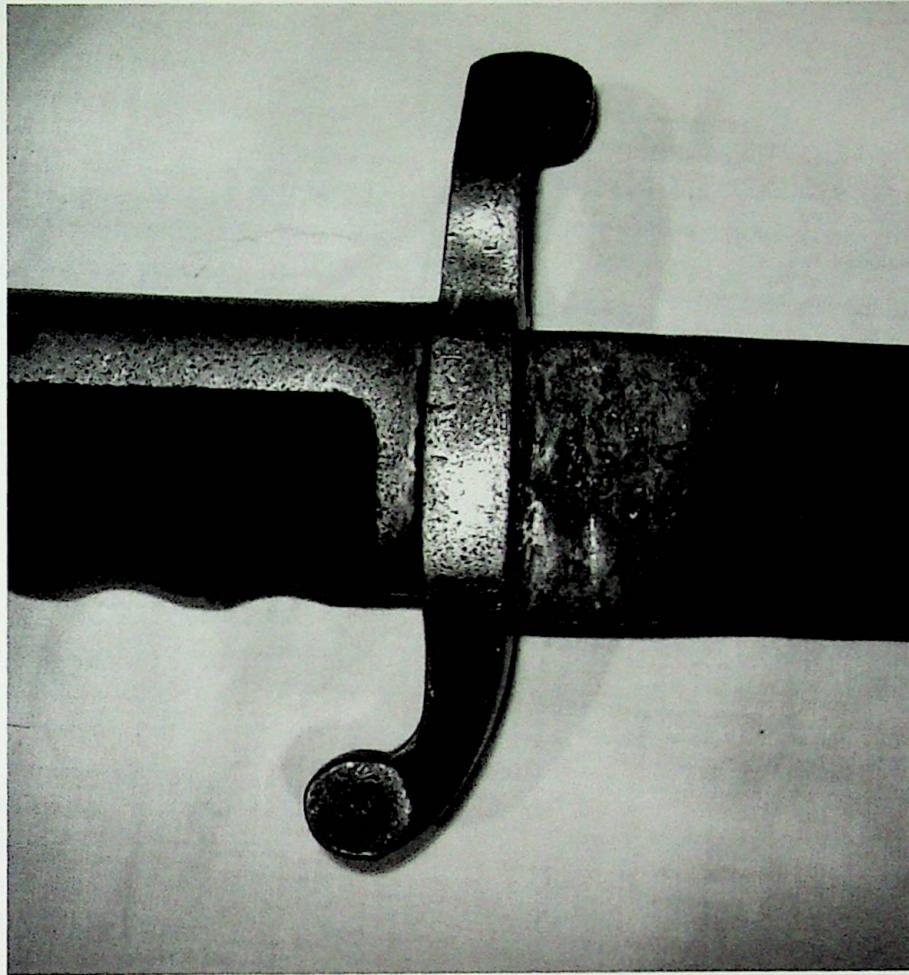
U.S. Martial Arms Collector 120-15

1861 DAHLGREN BAYONET

The Dahlgren Bayonet was manufactured from 1861 to 1864. It was used on the Plymouth Rifle and as a heavy combat knife. Additional information is sought on markings variations and proof marks.

The blade is marked USN/DR 1862 and AMES MFG. CO. CHICKOPEE/MASS. The butt of the hilt has a script DR (Daniel Reynolds).





COLLECTORS NOTES

1918 Springfield Sniper Rifle

During 1918-1919, a new sniper rifle was fabricated and tested by the infantry board. The work was completed after WW 1 and sought to evaluate the existing sniper rifles and develop a more suitable scope and rifle. The new rifle was a standard 1903 rifle with a shorter stock; no upper upper barrel band; shorter hand guard; altered bolt to clear a new scope; a new cut off; new safety and safety housing; and a new telescope. The scope was specially designed and fabricated to fit directly over the receiver with mounts on the rear receiver bridge and the rear sight base. The rear sight base was altered and the surface machined to allow a front scope ring to be mounted and secured by a large head securing screw. The new mounts had elevation and windage adjustments, with large knobs on the rear ring assembly. The design was made to use an easy to mount, and adjustable scope assembly without any screws. The scope tube was quite a bit shorter than the Winchester A5. It appeared to be a more rugged design than the previous World War 1 designs. The exact number of weapons is unknown but there appears to have been one scope and two rifles. There were two or more stocks in different configurations and different lengths. The new cut off was not interchangeable with the standard service rifle. The safety assembly was extensively modified with a completely different safety assembly that was lower in height and machined on the left side with a much different safety latch. The operation used a design operation on the left rather than swiveling from left to right. The bolt was

altered to allow operation without striking the scope. The intent was to allow the safety to operate without hitting the scope. It appears that any production would require a new bolt, safety, safety housing, and modifications to the stock. This would have been a major effort as well as extensive testing for accuracy requirements, and logistics for field maintenance, and tools. There was no doubt that the U.S. Army and U.S. Marines saw the requirement and need for sniper rifles and tried to upgrade their capabilities. Unfortunately funds were scarce after the war effort; and there were limited resources to make a major development concerning sniper rifles, training, equipment, and dedicated sniper units. Several projects including the 1920 Carbine, sniper rifles, semi automatic 1903 conversions and others were put off pending the development of the semi automatic rifle that became the M1 Garand.

The 1903 variations always create a new surprise for collectors and keeps us looking and searching.

SMALL ARMS DIVISION.

Tel. War Br. 1827
B-4-201
MSBar - 3

January 24, 1920.

From: Small Arms Division, Armaments & Plant Facilities
Section.

To: Technical Staff.

Subject: Development of telescopic sight rifle.

1. The following report regarding the development of telescopic sight rifle as it pertains to the operations of the Small Arms Division is submitted for consideration by direction of the Chief of Manufacture.

2. Under date of September 27, 1919 the Small Arms Division was requested by the Technical Staff to make up a modified caliber .30, Model of 1903 rifle embodying certain changes necessary for the adaptation of that rifle to the telescopic sight, Model of 1918. Specific modifications mentioned in this request were:

- (a) Changes in the cut-off making it non-interchangeable with the service cut-off.
- (b) Modification of the bolt handle to afford clearance between the bolt handle and the rear of the telescopic sight.
- (c) Development of a new safety lock, as the service type could not be operated as the result of interference with the telescopic sight.

3. In accordance with the above request, a rifle was made up at Springfield Armory and submitted by the direction of the Technical Staff to ~~Camp Benning~~ where tests were made upon the telescopic sight fitted to the rifle. The results of the tests made at Camp Benning resulted in the following conclusions and recommendations relating to the rifle and sight mounts. These recommendations and conclusions were approved by The Adjutant General:

- (a) Before the telescopic sight can be serviceable, it must be improved in the following particulars:
 - (1) The sight, mounts, and rifle must be redesigned to afford some other method of clamping the mounts

To: Technical Staff

1/24/20

MSBar - S

to the bases obviating the use of a screw driver, if possible.

- ✓ (2) Altering the stock and so adapting it to the height and relief of the sight as to enable the shooter to fire in comfort and safety.
- (3) A redesigned sight, mounts, and rifle are to be submitted for thorough tests for accuracy, serviceability, and endurance, and for a careful comparison with other rifle telescopic sights.

4. It is to be noted that the recommendations mentioned above are only those relating to the rifle and mounts, as only these items require consideration by the Small Arms Division.

5. In accordance with the alterations in the telescopic sight, the Artillery Division has requested that the Small Arms Division prepare at least one additional rifle to take the modified sight, and suggests numerous changes required in the stock to fulfill the requirements set forth in the report from Camp Benning. Before proceeding with this work, Small Arms Division desires to bring to the attention of the Technical Staff the following points:

6. The rifle submitted to Camp Benning was equipped with a modified cut-off, bolt handle, and a new design of safety lock. The stock furnished with this rifle was one of a number made up by Springfield Armory for use with the so-called stripped Springfield rifle designed for aircraft use.

7. Before submitting the rifle to test, Camp Benning removed the stock which was replaced by one prepared at that point, which stock did not permit the use of the safety which was on the rifle when submitted. The report made by Camp Benning made no mention of the modified cut-off and safety, and it is, therefore, requested that the Small Arms Division be informed if future rifles to be submitted should be made up with the cut-off and safety of this type, and if the stock used by Camp Benning in making the test should be duplicated.

HARBERT O'LEARY,
Lt. Col., Ord. Dept., U. S. A.
Chief, Small Arms Division.

By: A. L. Brown,
Arsenals & Plant Facilities Section.

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WAR DEPARTMENT
Office of the Chief of Ordnance

GPW/jmm

Project OK..... Item..... 2725
T.S.T.P..... Date March 2, 1923.

From : Sub-committee on Infantry & Cavalry Armament

To : The Ordnance Committee, Technical Staff

Subject : Garand Semi-Automatic Rifle.
(Items 772, 1184, 1229 OCM; 00472.2, 273, SA 474.2/170; 00474.2/
References: (260, CI 474.2/1054-B; 00 474.2/261, CC 474.2/3805; 00 474.2/
(258, SA 474.2/258; Memo IAA Div. to TS 3-1-23.

Recommendation: 1. It is recommended that the Manufacturing Service
be authorized to construct 24 Garand Semi-Automatic Rifles and eight
stocks, these rifles primarily to be constructed as a test by the
Ordnance Department to determine their suitability for manufacture
and use by the Army; later to go to the using services, to be dis-
tributed as outlined below:

a. For the Infantry:

- 8 Garand Rifles, with 24" barrels
- 1 Garand Rifle with 21 1/2" barrel and 10-round magazine
- 1 Garand Rifle with 20" barrel
- 1 Extra Stock 1/4" longer than the stock on first model
- 1 Extra stock 1/2" longer than the stock on first model
- 1 Extra stock 1/4" shorter " " " " " "
- 1 Extra stock 1/2" " " " " " "

b. For the Cavalry:

- 1 Garand Rifle, with 24" barrel and 10-round magazine
- 8 Garand Rifles with 21 1/2" barrels
- 1 Garand Rifle with 20" barrel
- 1 Extra stock 1/4" longer than the stock on first model
- 1 extra stock 1/2" " " " " " "
- 1 Extra stock 1/4" shorter " " " " " "
- 1 Extra stock 1/2" " " " " " "

2. That the 24 Garand semi-automatic rifles be manufactured
with rear sights similar to the one now on the first experimental
rifle or some other form of simple sight not involving additional,
intricate construction.

APPROVED BY ORDNANCE COMMITTEE

DATE MAR 2 - 1923
W. H. Simpson

APPROVED MAR 2 - 1923
Samuel H. H. H.
Colonel, Ord. Dept., U. S. A.
Acting Chief, Technical Staff.

I&C SUB COM on Garand Semi-Auto Rifle, 3-2-23. GPW/jmm #2.

3. That before the manufacture of the stocks is initiated, a preliminary drawing showing the outline and dimensions of the stock be submitted to the Ordnance Office for final approval.

Consideration: 1. On November 20-24, 1922, the pilot model of the Garand semi-automatic shoulder rifle was demonstrated at The Infantry School. As a result of this demonstration, the Chief of Infantry recommended that 16 Garand Rifles be made for an Infantry service test, with extra stocks as recommended above.

2. The pilot model was demonstrated before The Cavalry Board, Fort Riley, Kansas, the test being completed on November 28, 1922. As a result of this demonstration, the Chief of Cavalry recommended at least 8 Garand semi-automatic rifles be manufactured for service test by The Cavalry and that these models be constructed along the lines of the experimental carbine recently tested by the Cavalry.

3. The available funds make it impossible to make more than 10 rifles for each Board and the length of barrel of the rifles to be furnished to each Board have been so arranged that each Board will have an opportunity to determine the effect of various lengths of barrels. Moreover, if desired by the services, after each Board has completed its test with the initial rifles supplied to it, there can be an exchange of rifles between The Cavalry Board and the Infantry Board. Since the total number of rifles being constructed is 24, 20 of which are going to the services, four rifles will then remain in the hands of the Ordnance Department. Of the four, one should be constructed to maximum manufacturing dimensions and one to minimum manufacturing dimensions. They should have 24" barrels. The other two of the remaining four should be made with 24" barrels and should be super-accurate in construction and shooting qualities and of National Match standard. The 22 rifles, other than the one maximum and the one minimum, will be manufactured with the tolerances shown on drawings.

4. Correspondence attached to the sub-committee report includes the report of the Board of Officers appointed at Springfield Armory for the preliminary test of the Garand semi-automatic shoulder rifle and the correspondence between the Chief of Cavalry and the Chief of Infantry, to the Chief of Ordnance.

W. B. Scott, Maj., Inf., USA

John B. Coulter, Maj., Cav., USA

J. C. Gray, Ord. Dept., USA

B. P. Wilhelm, Maj., Ord. Dept., USA

Lee O. Wright, Maj., Ord. Dept., USA

Jas. L. Hatcher, Capt., Ord. Dept., USA

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2158 Benicia Ars.

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Benicia Arsenal, Calif., August 20, 1920. - To the Ordnance Office, Field Service, Maintenance Division, Washington, D.C.

1. Records in this office show that small arms were overhauled at Benicia Arsenal for the fiscal year ending June 30, 1920 as follows:

54136	Rifles, Cal..30	M1917	Inspected, (C & R)
5078	"	" " M1903	" (C & R)
106	"	Cal..22 M1903	" (C & R)
132	"	" " "	Inspected and found unserviceable for lack of spare parts
2147	"	Cal..30 M1898	Inspected, (C & R)
1494	"	" " "	Inspected and found unserviceable for lack of spare parts.
47674	"	Russian, 7.62 m/m	Inspected (C & R)
263	"	Cal..30 M1903	Stargauged.
1378	Pistols, Auto.	Cal..45 M1911	(C & R)
415	Rifles, Cal..45	M1879 & 1884	(C & R)
2	"	.45 M1862	(C & R)
5	Carbines, M1899		(C & R)
16	Carbines, M1899.		Inspected and found unserviceable for lack of spare parts.
31	Shotguns, 12 G.	M1897	(C & R)
588	Revolvers, Colts, Cal..45,	M1917,	(C & R)
838	"	S & W, Cal..45,	M1917 (C & R)
336	"	Colts, Cal..45,	M1909 (C & R)
24	"	" " "	Inspected and found unserviceable.
987	"	Colts, Cal..38	(C & R)
182	"	" " "	Inspected and found unserviceable.
14	Guns, machine, Vickers,	M1915	(C & R)
154	Guns, machine, Lewis,	M1917	(C & R)
92	Guns, machine, Browning,	M1917	(C & R)
99	Rifles, machine, Browning,	M1918	(C & R)
30	Barrels & receivers, Cal..30	M1903	Stargauged.
36	Bayonets, M1917		(C & R)
50	Bayonets, M1898		(C & R)
50	Scabbards, bayonet, M1898		(C & R)

2. It is assumed that this covers the information desired.

E.P.O'HERRN,
Col., Ord. De t., U.S.A.,
Comdg.

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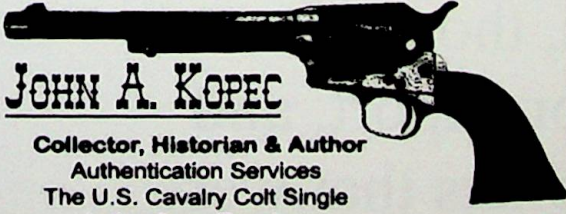
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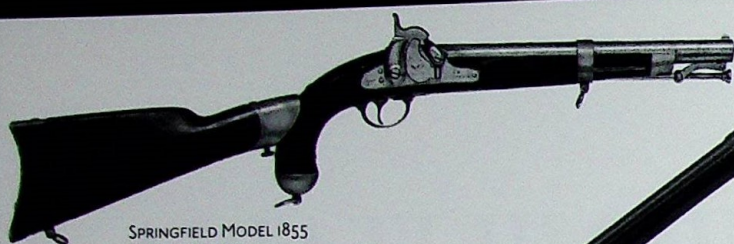
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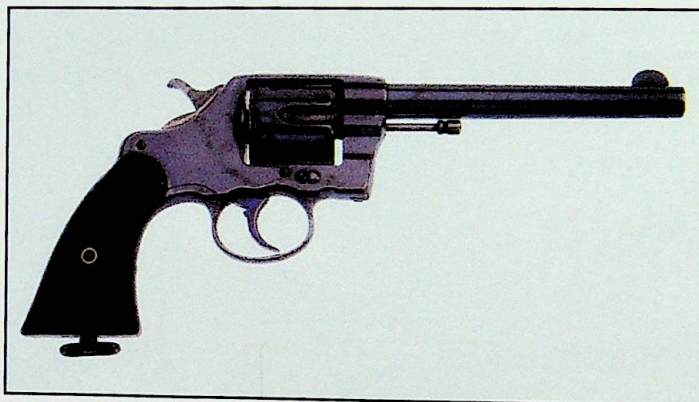
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