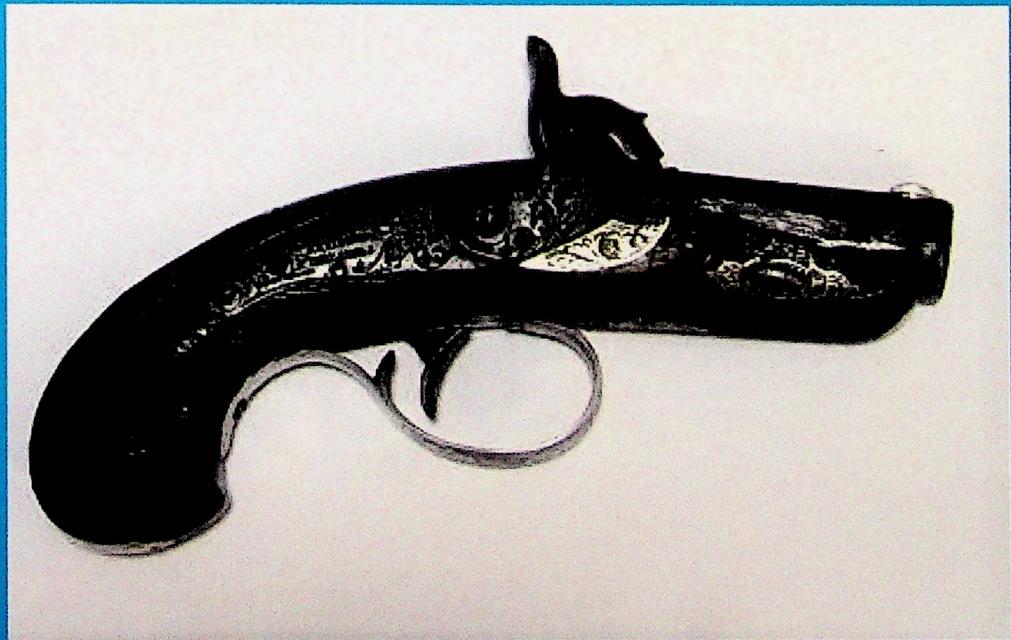


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Collector

and *Springfield Research Newsletter* 

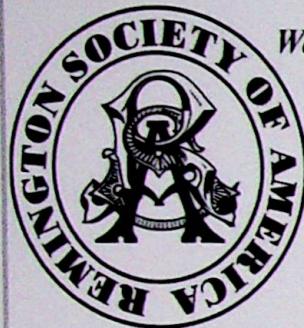
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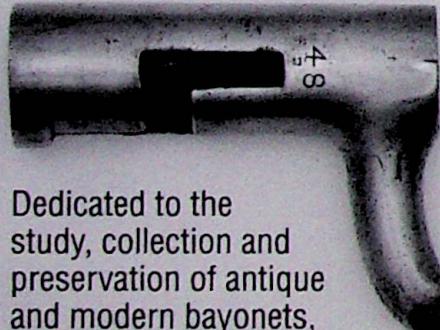
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2nd Quarter 2011

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And

Springfield Research Service Newsletter

Number 168

September 2021

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19	M 1922 M1 Heavy Barrel .22 Caliber
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24	Sharps New Model 1865 Carbine

MARKET FOR WEAPONS AND COLLECTIONS

SRS maintains contacts at key Auction Houses and Gun Show Management to keep up on current trends of prices and collection strengths. We interviewed Jack Lewis of Lewis and Grant Auctions. Discussions included the current market which is very good and has been greatly affected by the Internet and its far-reaching capability to reach out and support auctions, gun shows, on-line sales, and dealer web sites. It is expected to remain strong for the near future, and sales are strong.

There are more people buying items from their homes and offices than in the past. There is a growing trend to buy without long travel for ease of purchase. The very high-end purchases are possibly soft with sales for limited selected items and a smaller number of buyers. The issue of Covid-19 and changing views from U.S. Government officials may have an unknown effect on the near and far future. We will continue this effort and would like any comments from our readers.

SPRINGFIELD RESEARCH SERVICE DATA BASE STATUS

Covid-19 still affects many operations including our ability to travel and visit the United States Archives. All buildings are closed because of Covid-19 Virus regulations, and we are waiting to resume visits and data searches. We have not received exact dates of government openings.

Springfield Research Service (SRS) started

as a newsletter with a secondary effort that offered additional data base information on U.S. Military weapons.

Our main effort is the publication of the US Martial Arms Collector Magazine and Springfield Research service Newsletter. All other efforts are secondary and are done when time is available to research U.S. arms and serial numbers.

These issues and normal business and banking operations as well as Postal Office support has affected our operations. We have more delays and time-consuming requirements that result in more work to publish the magazine and produce research letters.

We have managed to operate on our general schedule and expect to return to normal operations as soon as possible

SRS has spent over fifty years searching data from the U.S. Archives and military sources. We have a large quantity of research data and will continue to search many old records to enhance our data bases. The U.S. government and the U.S. military have destroyed many old records, and many records have been lost. Many U.S. Military weapons have been lost in battles and many more lost in transport. There is no way to recover data on most lost weapons.

We will continue serial number searches for our subscribers. This will include data that is available for sales information, unit histories and serial numbers that we have put in our database.

The magazine will continue publication on March, June, September, and December of each year. We expect first class U.S. mail to be started on the first of each of the months listed.

We are trying to make sure our subscribers receive each issue in a timely manner. We use First Class US Postal Office mailing for U.S. and foreign addresses. We are always plagued by address changes, no forward address notices, non-deliverable address notices, and foreign addresses that do not match U.S. formats.

Many of our readers use PAYPAL that has an agreement between a subscriber and PAYPAL. If an incorrect box is checked with PAYPAL, there may be information not wanted by a subscriber. We rely on PAYPAL notices for payment and addresses.

We reserve extra copies of each printed issue but cannot keep an unknown number needed for reserves. Lately, SRS ran out of many recent issues. We rely on our current mailing lists for our subscribers. Please send any changes to SRS Box 126 Cabin John, MD 20818. We always need updated names and addresses.

SRS will continue to show last issue numbers after each subscriber name. This will be reviewed to use the best way to keep subscriptions up to date.

Direct email to editor@usmartialarmscollector.com is the only way to make sure that a message or photo is received.

We cannot receive all messages from cell phones.

We are fortunate to be able to provide Springfield sales letters and basic letters on many serial numbers attached to military units and battles. This includes major efforts in the past to examine weapon developments and histories. We expect to have more capability to provide research and review of existing information in our loose-leaf files.

CURRENT ISSUE

Issue 168 dated September 2021 is current and set to be mailed the 1st of September 2021.

We receive daily emails for serial number lookups and answer all as soon as possible. It appears that our deliverables have been made except for detailed letters that require travel to government facilities for data confirmation.

Please email if you have not received a document that was ordered.

Issue 96 with data on Military National Match .45 caliber pistols, USMC Unertl Scoped Rifles, Winchester Model 70 "Sniper Model" .30 caliber heavy barreled rifles, U.S. Springfield caliber .22 family of rifles, and Remington World War II Model 1903 rifles has been copied and available.

Cover

Philadelphia Derringer is marked "N. Curry & BRS San Fran, Cal. Agents"

We will continue to make a procedure to copy issues of old outdated issues for delivery. We are now out of six or more old issues.

U. S. MARTIAL ARMS COLLECTOR MAGAZINE SUBSCRIPTIONS

There are some SRS products that are no longer produced.

Please send us any corrections for address changes, holding subscriptions, or temporary addresses.

ADVERTISING

Our full- page advertising deadlines are usually the Friday three weeks before the date of a publication. The projected dates for magazine mailing are the first week of March, June, September, and December of each year. There are four quarterly issues each year.

SPRINGFIELD RESEARCH LETTERS

The basic letters are \$50.00; sales letters with a document are \$65.00; and research letters run from \$175.00 and up. **Note:** We were able to save all sales documents.

Research letters include USMC letters, OSS documents, 1st, 2nd, 5th, and 7th Cavalry, Civil War and Spanish American War documents. Other unique units require special research. More time is spent to travel to government facilities and comply with their rules for searching, copying, and the actual handling of documents.

A request for a document is done only at certain times at the Archives and written requests must include Record Groups, location, and other data that is only available on subject knowledge and specific document names and categories. We have been cross-checking many pieces of data and using U.S. Archive personnel and others to offer opinions on hard- to- read information. The Archives personnel have been very helpful in this area.

A basic letter is data recovered from our in-house files. It is limited, and there is no way for us to hold the thousands or millions of pages in the U.S. Archives.

This may require working with armed guards, checking our identification, and using special stamps for security classification or other rules.

Special documents require more time and may have higher costs.

COMMENTS AND INPUTS

Please send to:
editor@usmartialarmscollector.com.
An inquiry can be made by U.S. mail to SRS Box 126, Cabin John, MD 20818. This will take an extended time.

All comments are welcome.

LETTERS WRITTEN

U.S. Sharps Carbine, Serial Number 93483. Shipped to U.S. Army, Springfield Armory (from Sharps Factory, Hartford, Connecticut). December 19, 1863.

U.S. Springfield, Krag Model 1896 Saddle Ring Carbine, Caliber .30, Serial Number 27931. Issued to U.S. 1st Volunteer Cavalry (Rough Riders) Company G. Date: 1898. Sgt. Matt. T. McGee (Sgt. Matthew T. McGehee, Troop G) and issued to Cpl. Henry Kirch.

U.S. Sharps Carbine Serial Number 90253. Shipped from the Sharps Factory, Hartford, Connecticut to U.S. Army, Springfield, Armory, Springfield, Massachusetts. October 21, 1863.

Rifle, U.S., Cal. .30, Model 1903, T Model, Heavy 30 Inch barrel, Serial Number 1 314 158. Sold to George W. Crane, 153 Main Street, Wellsboro, Pennsylvania. December 26, 1934.

Rifle, U.S. Cal. .30, Model 1903, Sporting Model, Serial Number 1 376 147. Sold to Harold Collings, Danville, IL. May 25, 1928.

U.S. Burnside Carbine, Serial Number 17370. Shipped to Company C, 12th New York Volunteer Cavalry. September 15, 1863.

Rifle, U.S. Cal. .22, Model 1922, Serial Number 129 Issued to W. R. Stokes. March 15, 1923. Rifle, U.S., Cal. .30, Model 1903A1, National Match, NEW, Serial Number 1 370655. Sold to State of Massachusetts, Boston, Massachusetts.

Delivered to Lt. Colonel Roy W. Smith, Infantry, Massachusetts National Guard, State Armory, Worcester, Massachusetts. September 17, 1934. This data was found in U. S. Springfield Armory Sales Records,

Rifle, U.S. Cal. .22, Model 1922 M1, N.R.A. Serial Number 19616, Sold to J. G. Plaxco, Charlotte, No. Car., March 19, 1931. This data was found in U. S. Springfield Armory Sales Records, Springfield Armory, Springfield, Massachusetts. Copy of record attached.

BOOK REVIEW

The M1 GARAND PHOTO ESSAY VOLUME II by Larry Babcock was reviewed. The ten-section book includes extensive photos and data on the M1-C, M1-D, Manufacturers Receivers, Bayonets, Grenade Launchers, Canvas and Leather Slings, Emblock Clips, Military Cleaning Equipment, Ordnance Tools, and Miscellaneous Data. Over 150 pages are included in an easy-to-read detailed spiral bound essay.

There are tables with dates, detailed photos, descriptions, serial numbers, close-ups, facts and figures. List price is \$ 49.95 with volume prices available. Phone 703 8562561.

An outstanding book for all Garand collectors.

COLLECTORS NOTE: 168-1

Colt Civil War serial numbers

Miscellaneous Colt Percussion & Conversion Revolvers Cited in Civil War Unit Records and Navy Bureau of Ord. Records			
Serial	Model	Manuf	Usage
1958 61C	120195 FISH COMMISSION	63500 604	63 CO A 1ST CONN VOL CAV
2541 61C	120195 FISH COMMISSION	63624 604	63 CO A 1ST CONN VOL CAV
3036 61C	120195 FISH COMMISSION	63574 604	63 CO A 1ST CONN VOL CAV
4317 61C	120195 FISH COMMISSION	63591 604	63 CO A 1ST CONN VOL CAV
4447 61C	030390 LODGE W H WEBB, USM (TURNED LN)	64220 604	63 CO A 1ST CONN VOL CAV
6771 604	64 TRP K 12TH OHIO VOL CAV	64258 604	63 CO A 1ST CONN VOL CAV
10411 604	63 CO A 1ST CONN VOL CAV	64280 604	63 CO A 1ST CONN VOL CAV
21808 604	64 TRP K 12TH OHIO VOL CAV	64304 604	63 CO A 1ST CONN VOL CAV
37247 604	64 TRP K 12TH OHIO VOL CAV	64340 604	63 CO A 1ST CONN VOL CAV
38249 604	64 TRP K 12TH OHIO VOL CAV	64372 604	63 CO A 1ST CONN VOL CAV
38270 604	64 TRP K 12TH OHIO VOL CAV	64409 604	63 CO A 1ST CONN VOL CAV
42706 604	64 TRP K 12TH OHIO VOL CAV	64429 604	63 CO A 1ST CONN VOL CAV
43258 604	64 TRP K 12TH OHIO VOL CAV	64440 604	63 CO A 1ST CONN VOL CAV
43260 604	64 TRP K 12TH OHIO VOL CAV	64453 604	63 CO A 1ST CONN VOL CAV
44821 604	64 TRP K 12TH OHIO VOL CAV	64455 604	63 CO A 1ST CONN VOL CAV
46050 604	64 TRP K 12TH OHIO VOL CAV	64460 604	63 CO A 1ST CONN VOL CAV
46713 604	64 TRP K 12TH OHIO VOL CAV	64473 604	63 CO A 1ST CONN VOL CAV
47581 604	64 TRP K 12TH OHIO VOL CAV	64474 604	63 CO A 1ST CONN VOL CAV
48251 604	64 TRP K 12TH OHIO VOL CAV	64484 604	63 CO A 1ST CONN VOL CAV
48263 604	64 TRP K 12TH OHIO VOL CAV	64499 604	63 CO A 1ST CONN VOL CAV
48267 604	64 TRP K 12TH OHIO VOL CAV	64501 604	63 CO A 1ST CONN VOL CAV
48276 604	64 TRP K 12TH OHIO VOL CAV	64500 604	63 CO A 1ST CONN VOL CAV
48282 604	64 TRP K 12TH OHIO VOL CAV	64514 604	63 CO A 1ST CONN VOL CAV
48462 604	64 TRP K 12TH OHIO VOL CAV	64516 604	63 CO A 1ST CONN VOL CAV
51486 604	63 CO A 1ST CONN VOL CAV	64517 604	63 CO A 1ST CONN VOL CAV
52126 604	63 CO A 1ST CONN VOL CAV	64526 604	63 CO A 1ST CONN VOL CAV
53207 604	64 TRP K 12TH OHIO VOL CAV	64530 604	63 CO A 1ST CONN VOL CAV
53265 604	64 TRP K 12TH OHIO VOL CAV	64567 604	63 CO A 1ST CONN VOL CAV
53428 604	64 TRP K 12TH OHIO VOL CAV	64581 604	63 CO A 1ST CONN VOL CAV
57623 604	63 CO A 1ST CONN VOL CAV	64584 604	63 CO A 1ST CONN VOL CAV
60550 604	63 CO A 1ST CONN VOL CAV	64593 604	63 CO A 1ST CONN VOL CAV
61323 604	63 CO A 1ST CONN VOL CAV	64599 604	63 CO A 1ST CONN VOL CAV
62285 604	63 CO A 1ST CONN VOL CAV	64613 604	63 CO A 1ST CONN VOL CAV
62391 604	63 CO A 1ST CONN VOL CAV	64616 604	63 CO A 1ST CONN VOL CAV
62920 604	63 CO A 1ST CONN VOL CAV	64624 604	63 CO A 1ST CONN VOL CAV
62962 604	63 CO A 1ST CONN VOL CAV	64635 604	63 CO A 1ST CONN VOL CAV
62984 604	63 CO A 1ST CONN VOL CAV	64646 604	63 CO A 1ST CONN VOL CAV
63015 604	63 CO A 1ST CONN VOL CAV	64688 604	63 CO A 1ST CONN VOL CAV
63330 604	63 CO A 1ST CONN VOL CAV	64692 604	64 TRP K 12TH OHIO VOL CAV
63335 604	63 CO A 1ST CONN VOL CAV	64731 604	63 CO A 1ST CONN VOL CAV
63442 604	63 CO A 1ST CONN VOL CAV	64783 604	63 CO A 1ST CONN VOL CAV
63443 604	63 CO A 1ST CONN VOL CAV	64823 604	64 TRP K 12TH OHIO VOL CAV
63452 604	63 CO A 1ST CONN VOL CAV	64854 604	63 CO A 1ST CONN VOL CAV
63486 604	63 CO A 1ST CONN VOL CAV	65005 604	64 TRP K 12TH OHIO VOL CAV
63502 604	63 CO A 1ST CONN VOL CAV	65020 604	64 TRP K 12TH OHIO VOL CAV
63508 604	63 CO A 1ST CONN VOL CAV		

Model Codes (1): 604 = Army 61C = 61 Navy Conversion
Total Entries: 91

Remington World War II M1903 "Modified"
"R" Stamped Parts Identification
By William R. Hansen

Question: *"I recently acquired an early serial numbered WWII M1903 rifle made by Remington in the 3009XXX range. The rifle is in fairly good condition and was assured by the seller that it has all of its original parts. However, I recently compared it with one owned by a friend of mine whose rifle is only a few hundred numbers lower than mine. The problem is there are some differences between the "R" stamped markings on the various components. For example, my rifle has an "R" stamped on the Rear Sight, Slide Binding Screw and his doesn't; but his rifle is stamped with an "R" on the floor plate catch, whereas mine is absent those marks. Which one is correct and is there a reasonable explanation for these disparities? We both have November 1941 barrels."*

ESJ; Boulder, CO

Forward: Over the years, this author has received many inquiries similar to the one above. The question is posed most often by someone either restoring such a rifle or trying to verify the correctness of one being purchased. Often different collectors will share or exchange information about their own assumed correctness...then learn it isn't the same as what someone else claims, thus confusion enters the conversation.

Reality is such that inconsistencies between rifles of early production of and comparable vintage were commonplace. Moreover, it wasn't confined to just the "R" piece mark, but many component features that were in the midst of alteration related to design; colorization & finish; material choice; milling tolerances; process method and manufacturing quality. **Bottom-line:** An accurate response to the specific question cited in this example could very simply be that both rifles are truly in their original state and equipped with period

correct parts even though not the same. Further elaboration follows.

Discussion: The exact serial numbers for the rifles in question were not provided, so the date range in which both rifles were likely manufactured (assembled) is presumed to be December, 1941. As most collectors of the Remington WWII '03 edition probably know, the first months of M1903 "Modified" production at the Ilion, NY plant were hectic and fraught with numerous part changes. This included the authorization process for a piece-work marking stamped on each component. Without going into detail, the change-over from a British marked production objective to meeting U.S. Army standards under updated Specification AXS 619 was particularly chaotic. The Remington Arms Co. (RAC) was already well underway with production of all rifle parts by August, 1941 before the U. S. takeover of the contract. Initially, they were instructed by the

Ordnance Dept. to stamp a "Revision Number" on each component. That was soon recognized as too tedious and impractical, thus an approval to use a simple "R" identification piece-stamp, which was essentially a carry-over practice from the WWI manufacture of the Remington made M1917.

The first completed rifles for Ordnance inspection went into warehouse-stores at the end of October, 1941. As one might imagine, it takes time from whence a decision to make a component change or institute a new practice, for an affected part to show up at rifle assembly station(s). Moreover, once decided, a production total of altered parts forecasting numbers minted for use into the months ahead for scheduled rifle assembly were often in the multiple thousands. When such new parts are permitted to be intermingled with the superseded edition at assembly stations, it takes even more time for the obsolete part supply selected at random to be completely used up. Thus, it appears reasonable that the rifles in this instance were caught up in just such a transitional time-cycle as related to the two (2) parts under correctness scrutiny. Let's explore this phenomenon further.

Attached for viewing on the next page is a spread sheet worked up for just the RAC's "R" parts stamping program. The data was extracted from original RAC archived documents used to register all rifle manufacturing changes during this RS-03 contract. It is heretofore unpublished

information for the collector. The RAC used their own **Change in Manufacture (C.M.)**, Form **RD-5165** to document all such changes. Initially, the Ordnance Department's instructions were: "*all parts to be stamped "R" where possible*". Again, that was regarded as impractical and superfluous. Also, the size of the "R" marked stamps is concerned, all original such stamps were ordered produced in 1/16 inch size. However, extant sampling indicates the actual stamp size was variable in some cases.

As revealed by the spread sheet, formal authorization for all of the first 29 parts stamped with an "R" was dated October 15 & 16, 1941. Bear in mind, these were the dates documenting the formal record and not necessarily when the authorization actually occurred. In other words, a verbal or written order often preceded the formal paperwork. Then 2 months later (December 27, 1941), it was decided that continuing to stamp 6 of these approved parts was "*not considered necessary*"... however, one new part was added (**Magazine Spring**) to the list the next day (12/28/41) for "R" marking. The result of this work simplification action reduced the net total to 24 rifle components approved for "R" stamping (i.e. one added and six deleted).

A copy of **C.M. No. 109** is attached for illustration purposes on page 4. Obviously, the two parts identified as potentially in conflict were subject to

Remington Arms Co.

WWII - M1903 "Modified" - "R" Marked Component Identification

Item No.	C. M. No. *	Approval Date	Component Description	Part No.	Drawing Reference	C. M. Action	Cum. Total "R" Parts
1	42	10/16/41	Piece, thumb safety lock	33	B128409	Stamp "R"	1
2	43	10/16/41	Plate, floor	85	C435032	"	2
3	44	10/16/41	Plate, butt swivel	67	B128410	"	3
4	47	10/16/41	Sear	11	B128416	"	4
5	48	10/16/41	Piece, cocking	28	C45031	"	5
6	49	10/16/41	Cutt off	12	B128407	"	6
7	51	10/16/41	Base, movable, rear sight	37	C45026	"	7
8	53	10/16/41	Band, lower	76	A128403	"	8
9	54	10/16/41	Stud, Moveable	90	B128427	"	9
10	55	10/16/41	Trigger	9	B128428	"	10
11	57	10/16/41	Leaf, rear sight	39	D28372	"	11
12	58	10/16/41	Catch, floor plate	80	A135890	"	12
13	59	10/15/41	Cap, butt plate	65	B128404	"	13
14	60	10/16/41	Sleeve, bolt	30	C45033	"	14
15	61	10/16/41	Plate, butt	64	C45039	"	15
16	62	10/15/41	Follower	87	C45029	"	16
17	63	10/15/41	Band, upper	70	C45024	"	17
18	64	10/15/41	Extractor	21	C45028	"	18
19	71	10/15/41	Bolt	22	D28178	"	19
20	72	10/15/41	Guard, trigger	79	D28180	"	20
21	73	10/15/41	Knob, RS windage screw	51	A135892	"	21
22	75	10/15/41	Spring, rear sight base	38	B128424	"	22
23	76	10/15/41	Striker	26	B128425	"	23
24	77	10/15/41	Screw, RS slide, binding	42	B146872	"	24
25	78	10/15/41	Sight, front	88	A130025	"	25
26	79	10/15/41	Slide, RS drift	44	C64034	"	26
27	81	10/15/41	Cap, RS slide	47	C45027	"	27
28	82	10/15/41	Ejector	19	B128408	"	28
29	83	10/15/41	Slide, rear sight (RS)	46	B128418	"	29
30	108	12/28/41	Spring, magazine	86	C45034	"	30
31	109	12/27/41	Plate, butt swivel	67	B128410	Delete "R"	29
32	"	"	Catch, floor plate	80	A135890	"	28
33	"	"	Sight, front	88	A130025	"	27
34	"	"	Spring, RS base	38	B128424	"	26
35	"	"	Screw, RS slide, binding	42	B16872	"	25
36	"	"	Cap, RS slide	47	C45027	"	24

* Army Ordnance Specification AXS 619 required the Remington Arms Col to place a manufacturer's identifying piece-mark on all components prescribed by the applicable component drawing. Remington was approved to use a simple "R" stamp as used in WWI. They used their "Change in Manufacture" (C.M.) form and procedure to document the process. Note also that it was granted on December 27 & 28, 1941 to add one new stamp and delete 6 "R" stamps previously approved that were deemed superfluous and unnecessary.

CHECK TYPE OF CHANGE

- REMINGTON ARMS CO., INC.

ARMS DIVISION

-000-

CHANGE IN DESIGN

C. M. # RS-03-109

CHANGE IN TOLERANCES

NOTICE OF CHANGE IN MANUFACTURE

CHANGE IN EQUIPMENT

CHANGE IN MATERIAL

CHANGE IN PROCESS METHODS & QUALITY

DATE 12-27-47

DWG NO. _____

MODEL No. RS-03

PART No. & NAME COMPONENTS LISTED BELOW

MCI NO.

R. I. NO.

SUGGESTION NO.

DESCRIPTION OF CHANGE (GIVE PRESENT & FUTURE PRACTICE & REASON FOR CHANGE)

~~Remove note "Mark 'R' etc. " from undernoted M/Dwg's.~~

Plate, Butt Swivel - B-128410

Catch, Floor Plate - A-135890

Sight, Front - A-130025

Spring, Rear Sight Base - B-128424

Screw, Binding, Rear Sight Slide - B-146872

Cap, Rear Sight Slide - C-45027

REASON: Authorization of Major Morse - Not considered Necessary

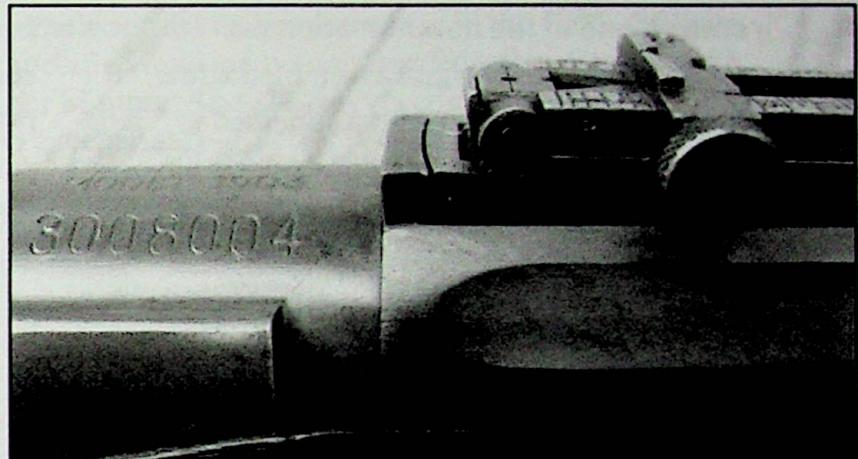
GIVE DISPOSITION OF INVENTORIES
AFFECTED BY THIS CHANGE AND STATE
IF PARTS CANNOT BE USED IN PRODUCT
ALREADY ON MARKET.

R. J. SEILER
A. SINGLETON
C. C. LOOMIS
L. E. FAKE
APPROVED: N. A. CHASE
V. H. DAVIS
N. C. PECK
A. L. LOWE
G. O. CLIFFORD

Change in Manufacture (C.M.) in late December 1941 consistent with the time period for assembly of the rifles in question. Of the two, only one is the focus of this article in the interests of time and space. Nevertheless, beyond other possible explanations that can never be fully known or quantified, it was this time-cycle transition of altered replenishment parts trucked to assembly stations that explains the part difference. With the replacement parts now mixed in, it became a matter of the luck-of-the draw! Bottom-line: It appears entirely feasible that both rifles are correct, i.e., rifles containing a mix of approved of parts still in existence with none of them withdrawn or cancelled.

Bear in mind once again, when attempting to establish time-frames regarding changes during this irregular period of M1903 production, it would be folly to step into the twilight zone of exactitude. In other words, RAC's **Change in Manufacture** process as shown by formal

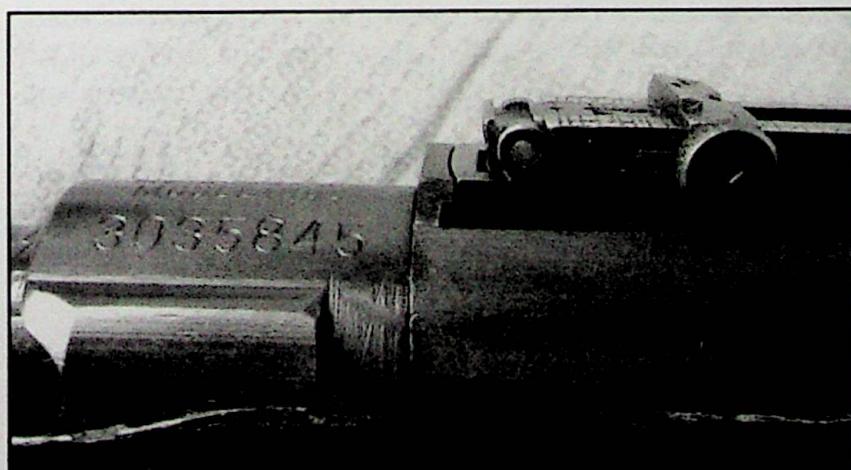
record documentation may or may not reflect precise time-reality as to when changes were actually authorized, implemented ...or for that matter terminated. Close study of historical RAC records clearly demonstrates that verbal



No "R" stamp on RS Slide Binding Screw

authorization often preceded formal approval for posterity. It is also true that it sometimes took weeks and months before complicated trial parts troubleshooting along with the time dynamic for equipment/tooling changes to begin producing an acceptable product after an approval was given. Lastly, of the 6 parts

where "R" stamping was terminated in December 1941, there is no way of knowing how many or how long those parts remained in the assembly bin stations before being used up.



"R" stamped on RS Slide Binding Screw

An example of this common occurrence is revealed by the photographs hereon. For instance, Serial No. 3008004, a certified original "Red Star"

import from Britain, has no "R" stamp on its **"Screw, RS slide binding"**, while the one on **SN 3035845** (another British Lend-Lease) was clearly stamped with the "R". In other words, **SN 3008004** which was likely assembled in December 1941 apparently received one of the new non-stamped editions, whereas the gun assembled a few months later ended up with a superseded edition still hanging around in the parts bin.

In closing, collectors of WWII Remington '03s should be cautious about making changes to otherwise correct

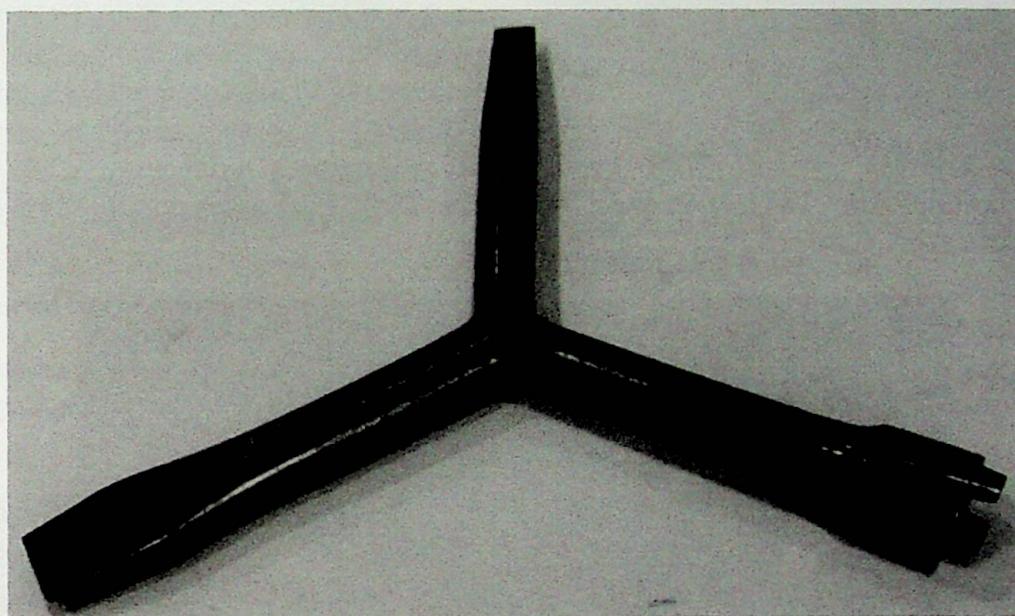
original rifles for the wrong reasons. It pays to do your homework first before doing anything. This includes replacing parts on rifles with "R" marked parts NOT yet stamped or available when the rifle was first assembled. Yes, there are those who have tampered with otherwise early and correct pre-December 1941 assembled rifles by falsely upgrading to a component part that was not yet approved for piece-mark stamping. An example might be the **"Spring, magazine"** not likely stamped with an "R" until January, 1942 or thereafter.



Scarce Combination Tool for Ames Model 1842 Navy Box Lock Pistol & Jenks Mule Ear Rifles & Carbines

By Marc Gorelick

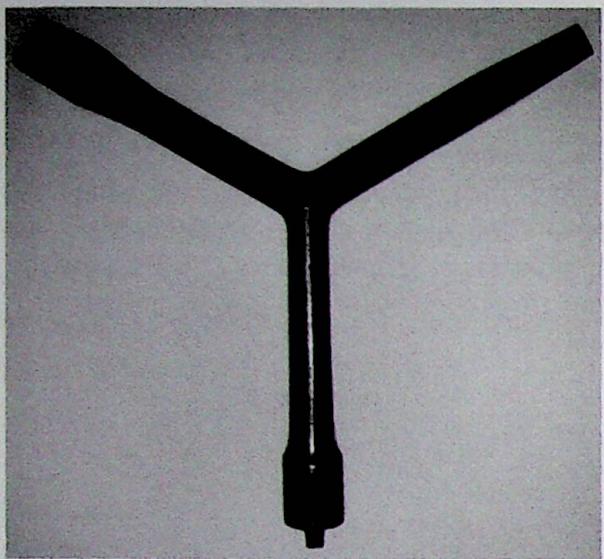
From the beginning of firearms, and especially martial firearms, gun tools were considered an integral part of the gun and included in the overall cost of the weapon. The tools were issued with the weapons so that soldiers could do simple repairs and maintenance in the field. Military contracts with private manufacturers often specified how many tools needed to be supplied with the guns, such as one tool for every X number of guns. The US Navy's contracts with the N.P. Ames Company and William Jenks were no exceptions.



This is an extremely rare 2nd type combination tool that was made for the Ames Model 1842 Navy Box Lock Pistol and the Jenks Mule Ear Rifles and Carbines. The tool and guns were manufactured by the N.P. Ames Company of Springfield, Mass. Although Ames is best known for its swords and other edged weapons, the company also manufactured firearms, and the tools that serviced them.

According to *Gun Tools: Their History and Identification* by Shaffer, Rutledge and Dorsey, it is an unusual tool for two reasons: 1) it has a spanner type percussion cone (nipple) wrench, and 2) the triple arms of the tool are round. Round arms were more difficult and costly to make in the 1840's and 1850's.

The tool is of polished and blued steel and is marked with a capital "R" at the junction of the three arms, which end in two screw driver blades and a nipple wrench. While the tool was originally made for the Model 1842 pistol, it was also used for the Jenks carbines since they both used the Navy spanner-type percussion cone and the dimensions for the percussion cone and screws were the same.



"Mule Ear" carbines from 1843-1846 and 1,000 Jenks "Mule Ear" rifles during 1841-1842 for William Jenks's navy contract.

The tool's rarity comes from the fact that only a limited number of these tools were manufactured and only a few survived. A US Navy contract for the Jenks carbines states that there was to be "one cone key to every ten carbines" and "one screwdriver to each piece." The .54 caliber Ames Model 1842 Navy Box Lock Pistol has the distinction of being the first US martial percussion pistol produced and delivered under contract to the government. Ames manufactured about 2,000 of them from 1842-1847 for the Navy and Revenue Cutter Service and Henry Deringer of Philadelphia made an additional 1,200 identical pistols under Navy contract. Ames also manufactured about 4,250 Jenks



The tool's dimensions are:

Length of cone wrench arm from opposing center junction notch to end of cone wrench - 2 $\frac{1}{4}$ ".

Length of screw driver arms from opposing center junction notch end of arm - 2 $\frac{1}{4}$ ".

Width across outside of cone wrench spanner studs - 3/8".

KRAG MODEL RIFLES USED IN NATIONAL MATCHES

A long effort was made by Springfield Research Service based on reports of quality match rifles in excellent condition. There were many Krags modified for hunting and more found in a target configuration in all grades of quality. There are other Krags found with Star Gage barrels, and documents that Krags were used in Palmer matches. The matches appear to have used Krags by the U.S. Army, U.S. Marines, National Guard, and civilians.

The following data shows an example of a Krag target rifle with a high number 482236. This rifle has a receiver sight, solid hand guard, and the front sight modification ordered by Colonel Frank Phipps, Commander of Springfield Armory, 1905.

The rifle has no cartouche, a P for proof, standard 30-inch barrel, standard stock, and fittings.

The National Matches returned to an expanded range facility at Sea Girt in 1905. Sea Girt would again host the National Matches in 1906, but it would be the last time. The shooting grounds were too small for the larger National Match attendance. The Ohio National Guard range, located just to the west of Port Clinton, Ohio, was chosen for new matches.

There were 160 target frames out to 1,000 yards, a modern clubhouse, and a sprawling electric light lit tent city. Commodore Olive Hazard Perry, United States Navy, provided the 400-acre facility the permanent home of the National Matches.

Naval Academy Midshipman Willis Augustus Lee, Jr, a 19-year-old won both the National Individual Rifle and Pistol matches. Lee would go on to win five gold

medals and two other lesser ones at the 1920 Olympics. Midshipman Harold Travis Smith's winning of the President's Match, and the Navy Rifle Team's victory in the National Trophy Team Match followed the trend of the Navy. The 1908 National Matches used the Krag until they were replaced by the "US Magazine Rifle, Caliber .30, Model of 1903" as the mandatory rifle for National Match competition. The Krag was again used by civilian and National Guard competitors.

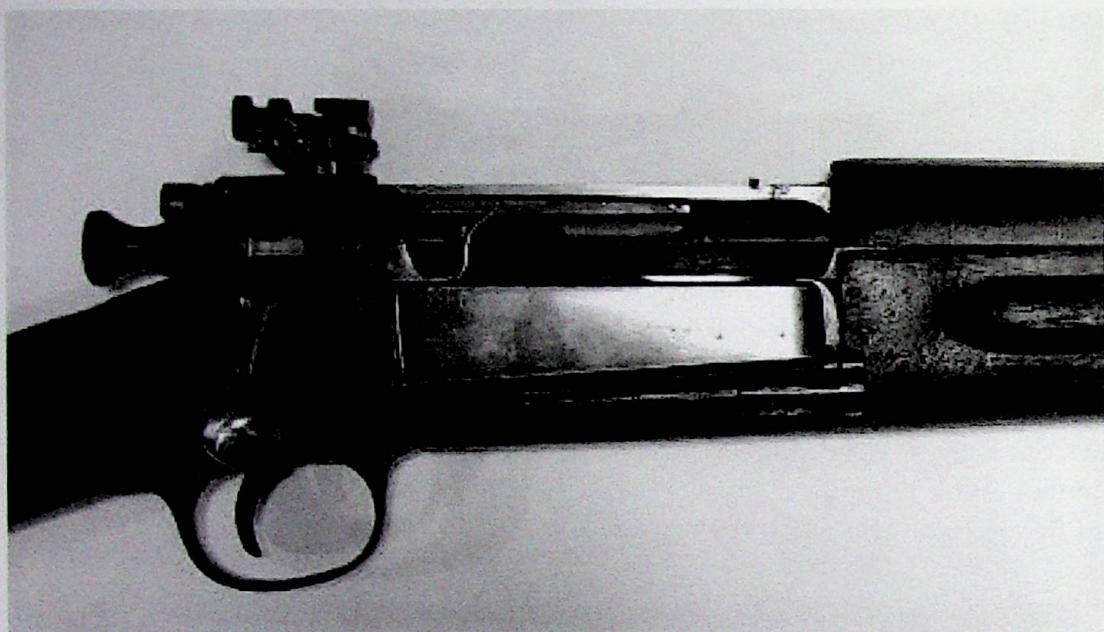
The Marines were fourth in a later match and the teams competing in 1909 were placed in three classes, A, B, and C, based upon their 1908 finish.

A winning performance gave the Marines their first National Trophy Team win, and fourteen Marines had the trophy for two years,

The Marines held top spot for the National Matches and the National Trophy Team. For the first time, civilians were in competition. World War I cancelled the 1917 event. The matches returned to Camp Perry in 1918 and the 1,000-yard stage was temporarily dropped. The Navy hosted the 1919 National Matches at its Caldwell, NJ, range complex. The Marines retained the title they won in 1918.

M1898 Krag-Jorgensen Rifles #231425 and 257294 are two of a thousand rifles known to be USMC property at matches.

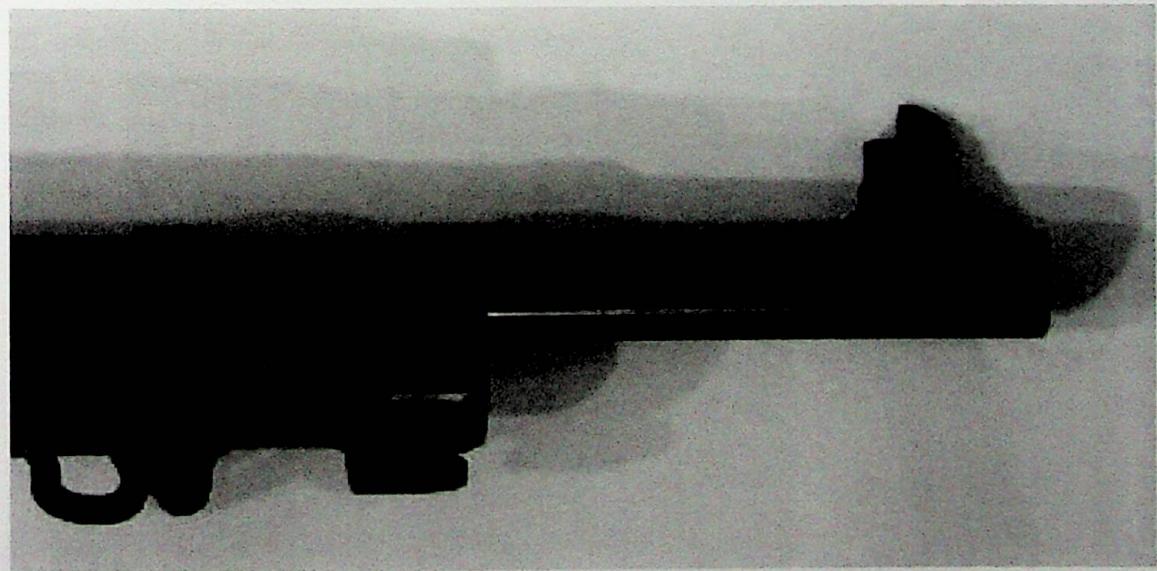
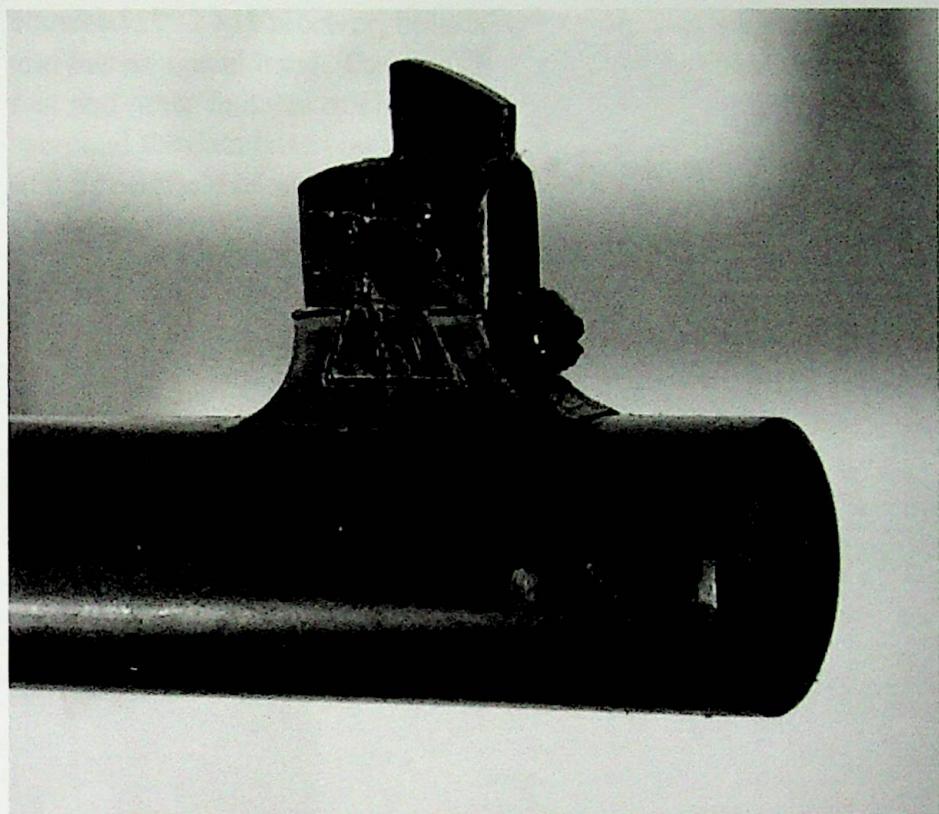
Below: Krag target model right side with loading gate and receiver sight.



Below: Krag target model left side with receiver sight, adjustments, and polished bolt. No cartouche.

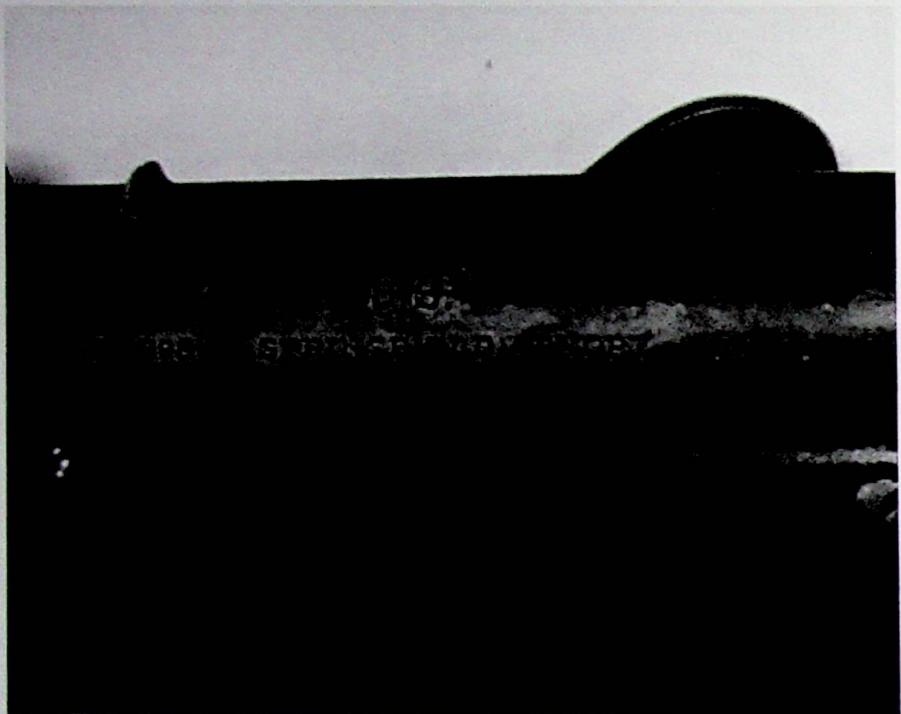


Below: Krag target model with 1905 front sight modification and set screw



Above: Krag target model with 1905 front sight and standard upper band with bayonet lug.

Below: Krag target model serial number 482236 and standard receiver markings.



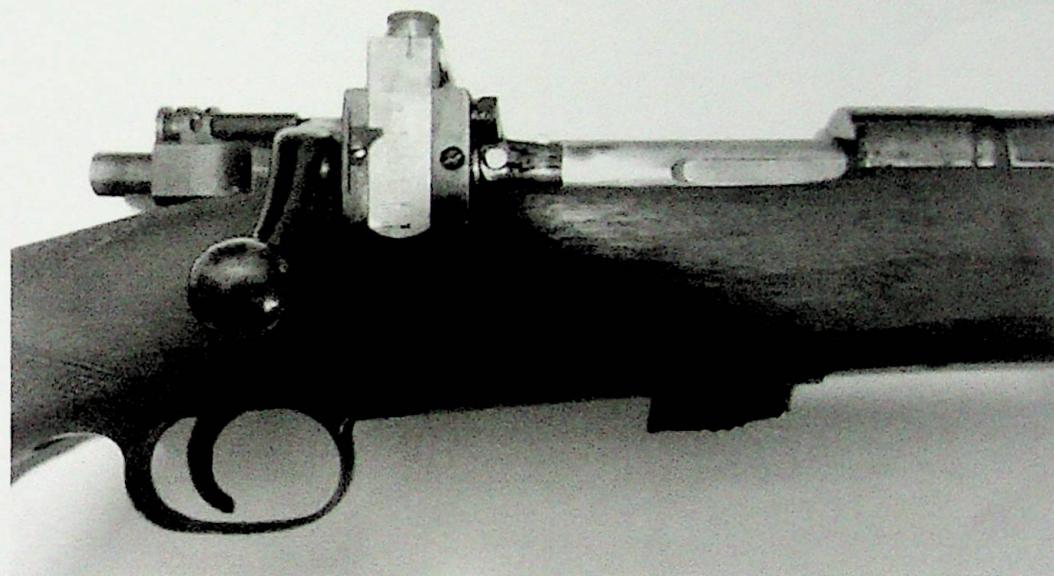
Below: Krag target model with solid hand guard.



SPRINGFIELD HEAVY BARRELED .22 CALIBER RIFLE

The following .22 caliber heavy barreled rifle has a 30-inch barrel with the same dimensions as a .30 caliber 30-inch T model or international barrel. The serial number is 11011 and has the standard 1922 M1 receiver, bolt, and magazine assembly. The stock is checkered on the grip area and has no barrel band. The stock is like the .30 caliber international but does not have the palm rest and other features of either the .22 or .30 caliber rifles. Springfield Research Service has searched for data based on very vague documentation. The rifle shown appears to be a variation of a Springfield Model 1922 M1. It is hoped that our readers can offer other data or information on these rifles.

Below: Right side of rifle with rear sight, bolt, standard magazine, and heavy barrel stock.



Below: Left side of rifle.



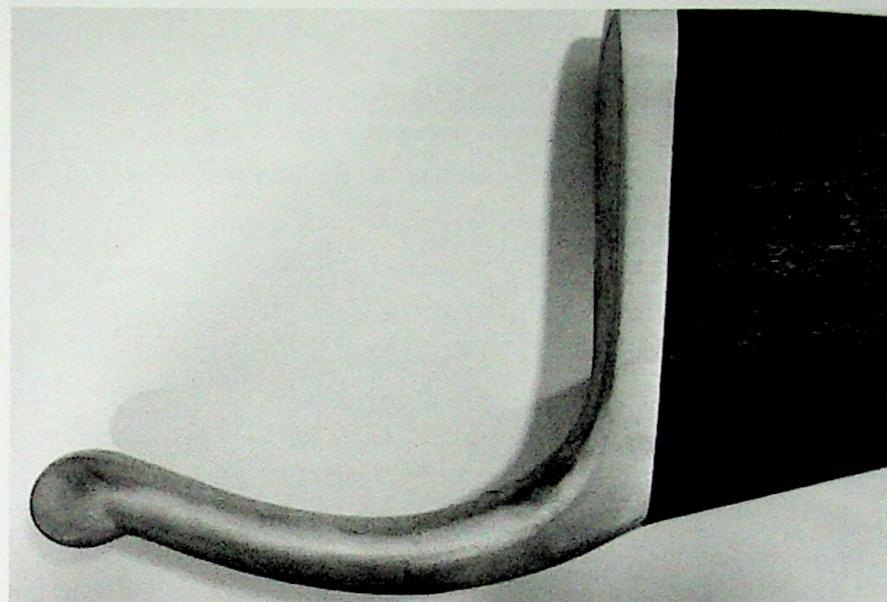
Below: Checkered pistol grip area of heavy barrels stock.



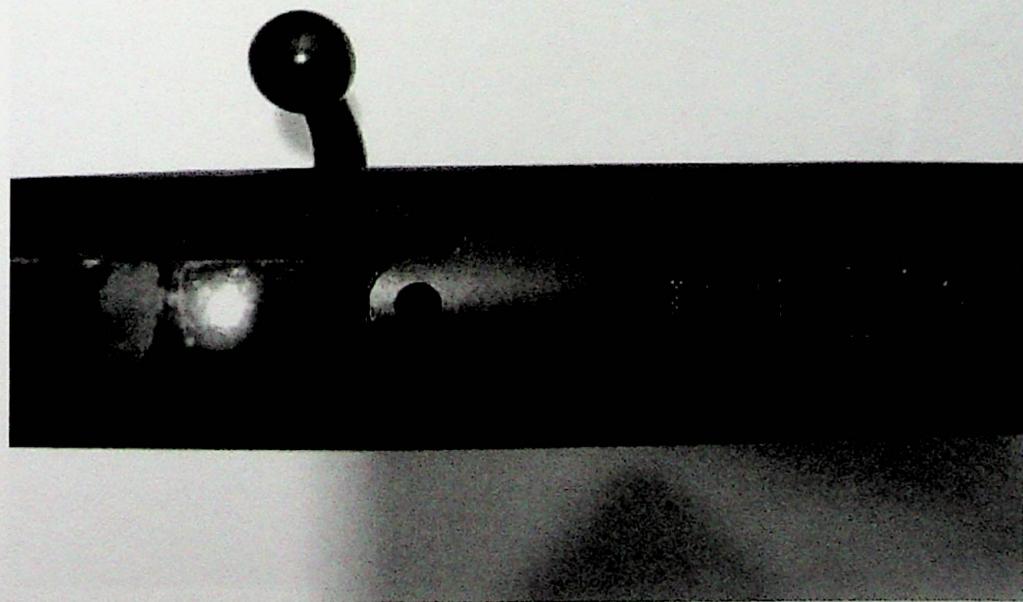
Below: Fore End area of heavy barreled stock.



Below: Aluminum Hooked Butt plate on heavy barreled stock.



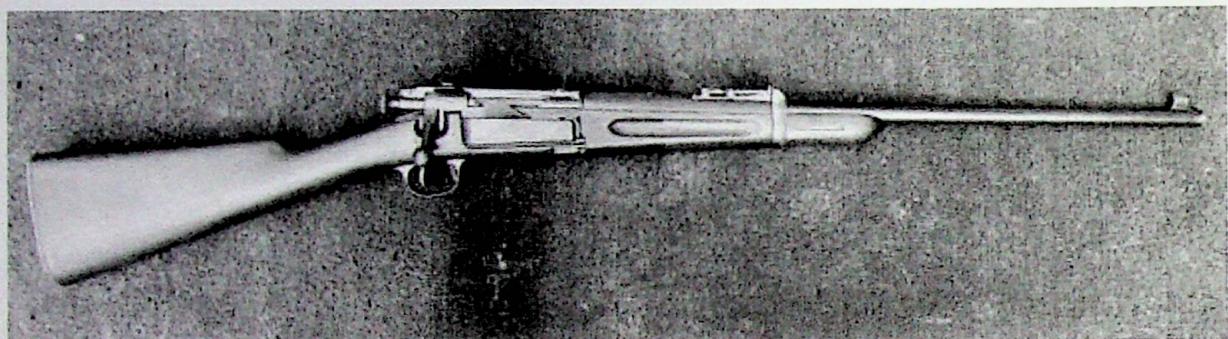
Below: Bottom of rifle with standard .22 caliber trigger guard and .22 caliber magazine assembly on heavy barreled stock.



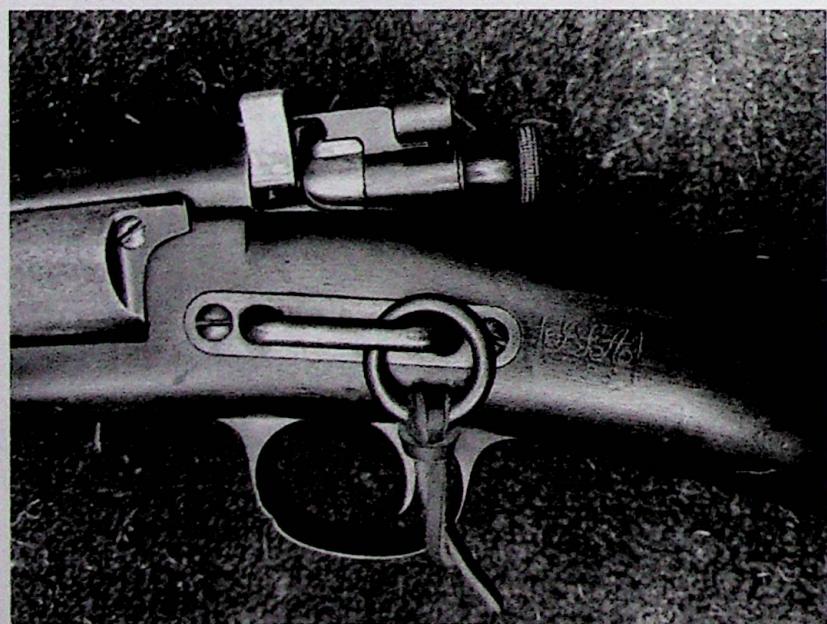
U.S. 1st VOLUNTEER CAVALRY (ROUGH RIDERS) U.S. Springfield Krag, MODEL 1896

The following U.S. Springfield Krag, Model 1896 Saddle Ring Carbine, Caliber .30, serial number 27931, is a very historic Krag Model 1896 Saddle Ring Carbine, Caliber .30, Serial Number 27931 that was issued to U.S. 1st Volunteer Cavalry (Rough Riders) Company G. in 1898. It was issued to Sgt. Matt. T. McGee (correct spelling from U.S. Army records is Sgt. Matthew T. McGehee, Troop G) and issued to Cpl. Henry Kirch of the 1st. Volunteer Cavalry.

Below: Right side of carbine.



Below: Left side of carbine with saddle ring assembly and cartouche.



Below: Top of carbine with bolt and handguard.



SHARPS NEW MODEL 1865 SERIAL NUMBER 30674

Manufactured between 1865 and 1866. The top of the barrel ahead of the rear sight is marked "NEW MODEL 1865". The lock is marked R.S. Lawrence Pat. April 12th 1859 and C. Sharps' Pat Oct 5th 1852.

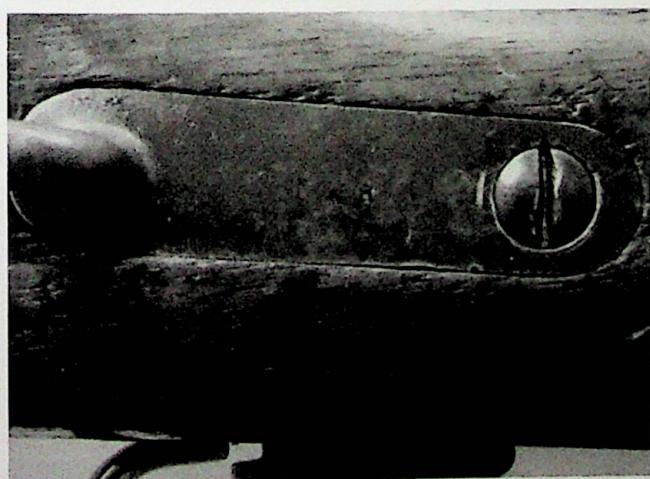


Above: Right side of receiver.



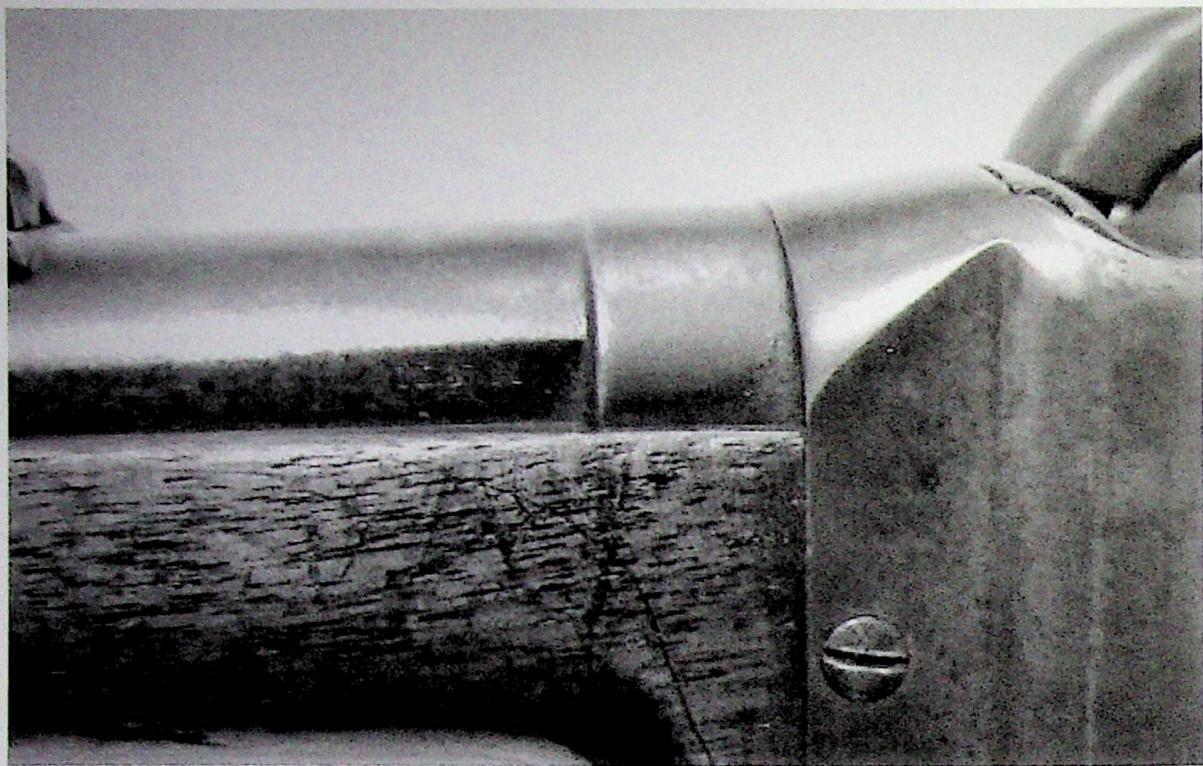
Above: Top of barrel marked NEW Model 1865.

Below: Serial number C. 30674

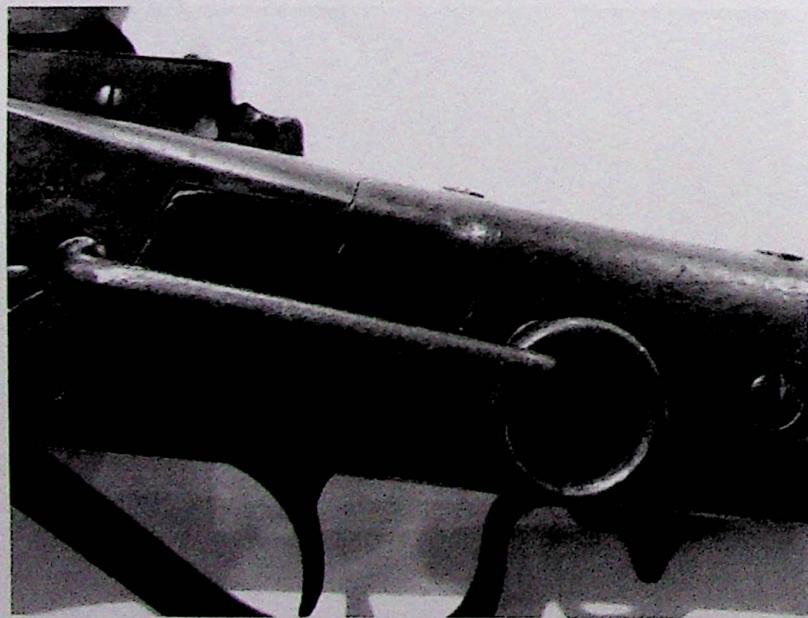


Left: Marked R on saddle ring bar.

U.S. Martial Arms Collector 168-25



Above: Barrel marked M. N. M. between rear sight and receiver.

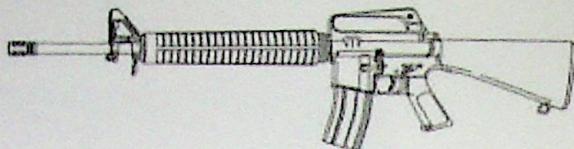
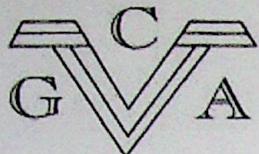


Above: Saddle ring carbine assembly.

The following chart shows Sharps carbine serial numbers in the C serials of numbers. There are very little data facts that have been found at this time. It is felt that there are no accurate numbers of carbines produced. It also appears that the New 1965 Carbines may have differences in some of the parts. We would like to measure the dimensions of the carbines to see if this production is the same as other Sharps carbines.

Springfield Research is planning on doing research as time permits. We would like to find out if the sample numbers shown below represent carbines during the time of the Battle of Monocacy River south of Frederick, Maryland.

C Series SHARPS			
SERIAL	MODEL	MMDDYY	USAGE
C30449	C	64	CO I 1ST MD VOL CAV
C30452	C	64	CO I 1ST MD VOL CAV
C30463	C	053165	CO I 1ST MD VOL CAV
C30484	C	64	CO I 1ST MD VOL CAV
C30512	C	64	CO A 1ST MD VOL CAV
C30512	C	053165	CO I 1ST MD VOL CAV
C30519	R	060065	CO B 2ND VET VOL INF
C30523	R	060065	CO D 2ND VET VOL INF
C30525	R	000665	CO D 2ND VET VOL INF
C30562	C	053165	CO I 1ST MD VOL CAV
C30578	C	64	CO I 1ST MD VOL CAV
C30580	C	64	CO A 1ST MD VOL CAV
C30580	C	053165	CO I 1ST MD VOL CAV
C30584	C	053165	CO I 1ST MD VOL CAV
C30607	C	64	CO A 1ST MD VOL CAV
C30608	C	053165	CO I 1ST MD VOL CAV
C30633	C	053165	CO I 1ST MD VOL CAV
C30672	C	64	CO I 1ST MD VOL CAV
C30707	C	64	CO I 1ST MD VOL CAV



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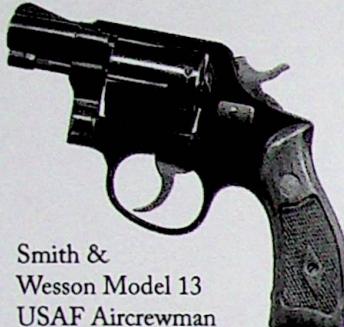
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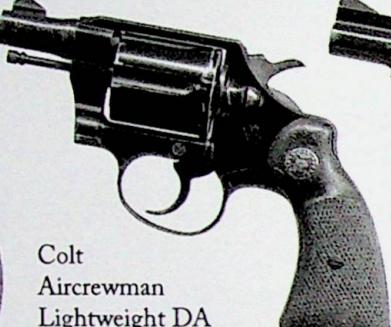
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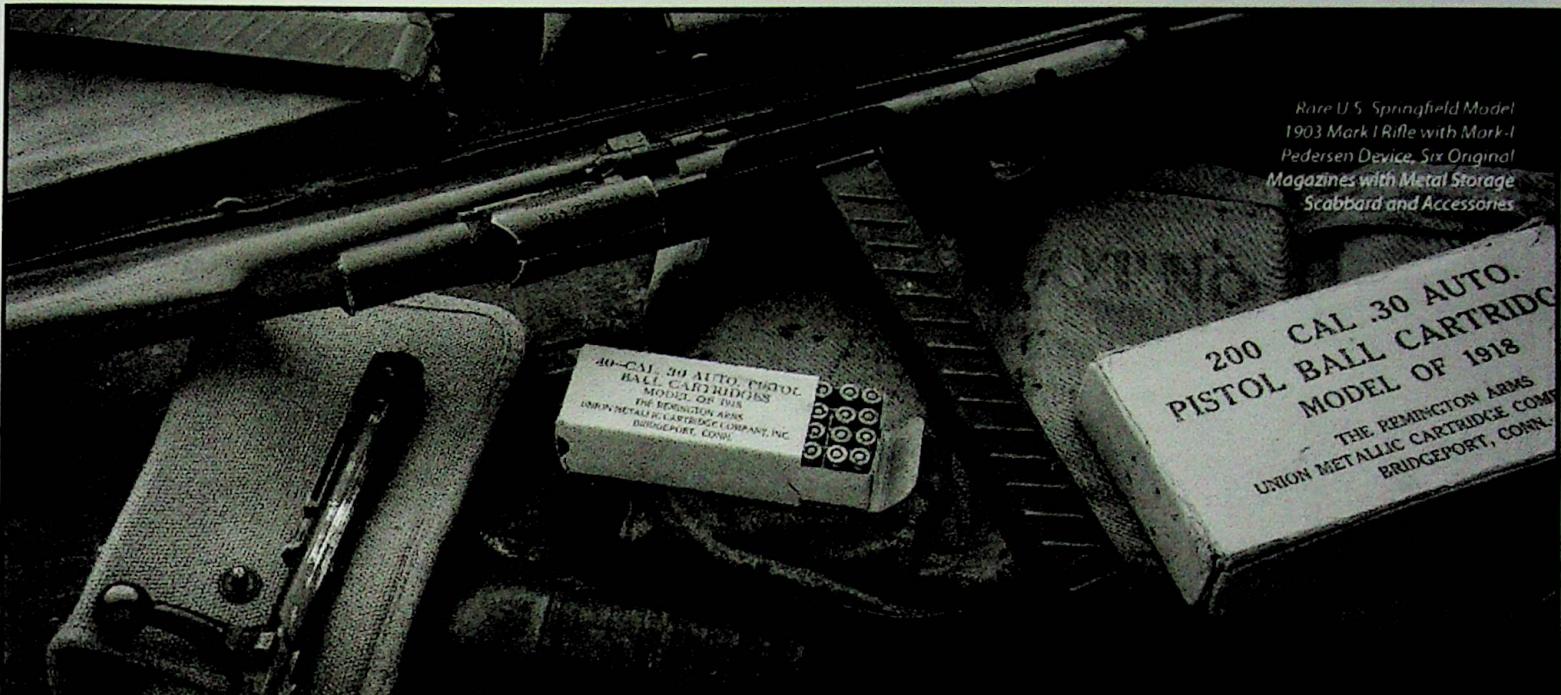
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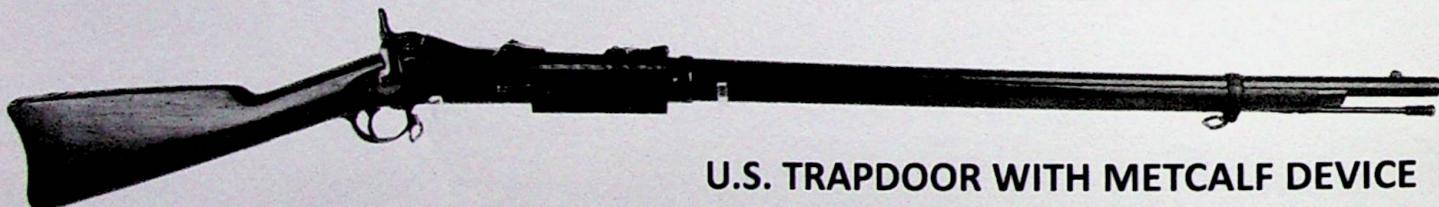
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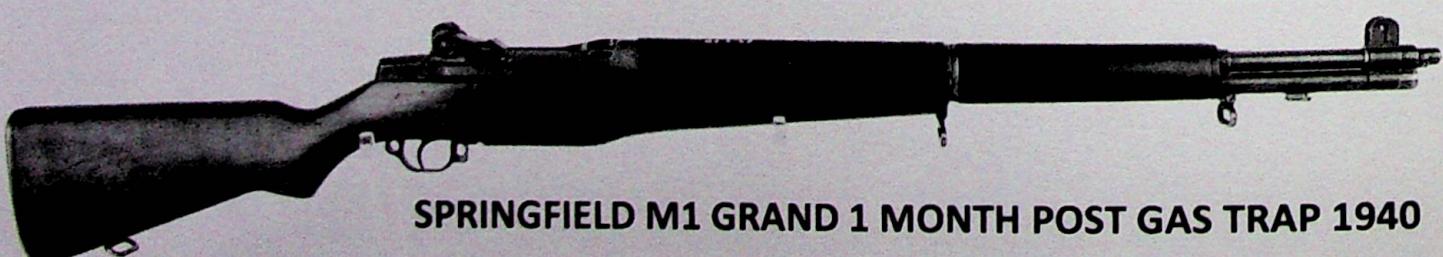
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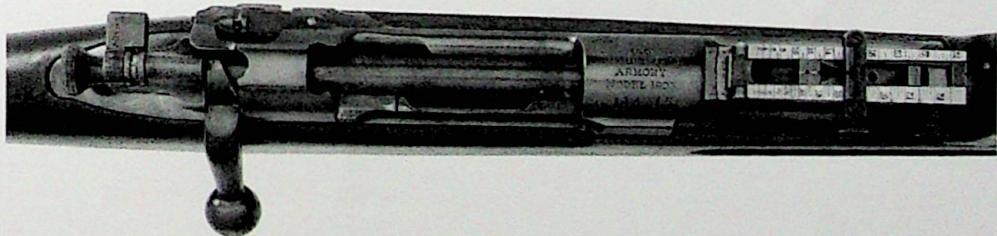
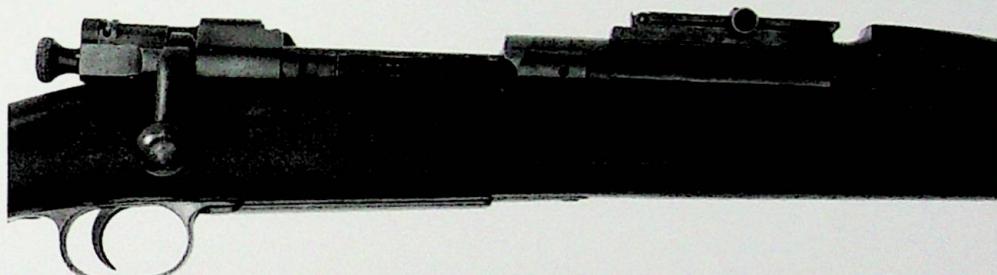
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