

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington



PETERS



03579

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York
May 20, 1975

TO: E.F. BARRETT

FROM: G.W. MARTIN

SUBJECT: BOLT ACTION RIFLE SAFETIES

Since your last visit, and per your request, we have had the opportunity to look into three (3) different areas for information. The three (3) areas are as follows:

1. The computer
2. All available Gunsmith Call Reports
3. Arms Service Usage Report

The Computer Report is broken down into three (3) parts.

1. Safety malfunctions found in our gallery on new rifles.
2. The number of complaints coming into Arms Service
3. The number of actual justified complaints from number 2, preceding. A copy of these reports are attached.

The Gunsmith Call Reports date back as far as 1970. In these reports we find one (1) Model 600, two (2) Model 788, and thirteen (13) Model 700's with some sort or another of justified or unjustified malfunctions. The one that is the most concerning is Fred Woodrick's Call Report of March 5th. on Ewell Cross Gunshop, Ft. Worth, Texas. I personally called Malcom Cross to confirm that he did encounter six (6) Model 700's that were malfunctioning. He did verify that it was the Model 700, but that it was an educated guess on the number. He did say that this is the first that he had encountered this on the Model 700. He stated that it was because there was not enough clearance between the sear and the connector. He did not seem concerned, but promised to send us the very next one he gets into his Shop. Copies of these Gunsmith Call Reports are attached.

We are also enclosing the Arms Service Usage Report. Truthfully, I don't think we can get much meat from this report for our particular purpose. It would be too difficult to get factually why the various complaints were made.

Profile survey as of May, 1974. In addition to the guns already tested, we received, today, 220 additional rifles from Carter's Country in Houston, Texas.

010000147

03580

Bower

5/9/75

5-19-75

M/600 - SAFETY FUNCTION TEST - PRELIMINARY SUMMARY

Period - Start of Test 4/14/75 to 5/9/75

Total guns received 359

Guns received with box marked OK (previously tested) 88

Of 88 guns received with box marked OK - All guns passed both the worst test and trick test.

Of the remaining 271 guns:

1 failed the worst test

139 failed the trick test

Of the 139 guns which failed the trick test:

133 repaired by installing swaged Safeties

6 guns replaced by Custom Repair

Of the 1 gun which failed the worst test:

1 repaired by installing swaged Safety

010000148

DON'T SAY IT—WRITE IT

03582

TO GEORGE MARTINSAFETY MALFUNCTIONS
GALLERY 4DATE 5-2-75FROM GENE BULLIS

MODEL	MALFUNCTIONS															TOTAL SAFE MALFUNCTIONS BY MODEL
	FSR =			JO =			FD =			FOS =			SWW =			
40							4									4
P 100							3									3
540																
541								2	1							3
580													1			1
581							3	2	1							6
582																
600	1						10	74	55							140
700	9						7	19	10	1			1			47
788	4						3	9	3	2	9	4	14	95	53	196
ONLY MALF TOTALS	14						30	106	70	3	9	4	14	97	53	410

MALFUNCTION MEANINGS

FSR - FIRES WHEN SAFE IS RELEASED - SELF EXPL.

JO - JARS OFF (HAMMER FAILS TO STAY ENGAGED WITH SEAR AND FALLS DOWN WHEN GUN IS JARRED.)

FD - FOLLOWS DOWN (COCKING PIECE FAILS TO PROPERLY ENGAGE WITH SEAR AND FOLLOWS THE COCKING CAM SURFACE OF THE BOLT TO THE FIRED POSITION).

FOS - FIRES ON SAFE (GUN FIRES WITH SAFE IN "ON" POSITION WHEN TRIGGER IS PULLED).

SWW - SAFETY WON'T WORK - SELF EXPL.

010000150

* - 1975 DATA FROM DEC. 26, 1974 TO APRIL 29, 1975 ONLY.

1 : 541

Number of Complaints

Number of Justified Complaints

Complaint	107	108	109	110	107	108	109	110
100CL	11 12 21 30	11 12 21 30	11 12 21 30	11 12 21 30	11 12 21 30	11 12 21 30	11 12 21 30	11 12 21 30
46								
P 100	1 1 1				1 1 1			
540								
541								
580								
581								
582								
500	1 4 1 1 3	3	8 2 1	5 1	4 1 1 3	3	7 2 1	5 1
100	4 16 15 16 18	2 1 2 2	24 12 23 12 12	15 6 5 14	4 16 15 15 16	2 1 2 2	17 12 23 13 12	6 5 13
708	4 1 2	1 1 1	1 1 1 1	3 6	1 2	1 1 1	1 1 1 1	3 6
2010	5 24 17 19 24	5 1 3 1 4	33 14 23 16 13	23 1 7 8 10	4 24 17 18 24	5 1 3 1 4	25 14 23 16 13	26 1 7 8 10

010000151

03383

03584

Bower
6/2/75

M/600 - SAFETY FUNCTION TEST - PRELIMINARY SUMMARY

Period - Start of Test 4/14/75 to 5/30/75

Total guns received 585

Guns received with box marked OK (Previously tested) 88

Of 88 guns received with box marked OK - All guns passed both the worst test and trick test.

Of the remaining 497 guns:

2 failed the worst test
322 failed the trick test

Of the 322 guns which failed the trick test:

316 repaired by installing swaged Safeties
6 guns replaced by Custom Repair

Of the 2 guns which failed the worst test:

2 repaired by installing swaged Safeties

RECEIVED

JUN 03 1975

G. W. MARTIN

010000152

REMINGTON ARMS COMPANY, INC.

Field Servi
Bpt., Conn.

RECOMMENDED GUNSMITH CALL REPORT

63585

Mr. SWELL CROSS GUN SHOP Reporter F. W. Woodruff Date Jan 26, 71
Address 4101 East Rosedale St. Fort Worth, Texas Zip 76105
Street City State
Type of Business Sale & repair Dealer (x) Large (x) Small ()

Persons Interviewed Mr. Swell Cross Position Owner & Gunsmith

GENERAL DISCUSSION

This shop performs much of the warranty work for the Dallas office so had a few problems that have not been encountered before:

Had 2 M782's that would fire with the safety on--one from a Gibson Store which was Serial 038572, 30/30 and one from Nash Howe stock--a M782 6881 76003736 Code 0384--installed new fire controls in both and will return the defective ones to Ilion.

Mention was made of three M782's misfiring--the only thing Mr. Cross did to them was to adjust the bolt plug so they would thread in a half turn more--advised this does not govern the firing pin protrusion--although stated no more difficulty was encountered with them.

In the last two months have had about eight M1100's in which the gas cylinder has come loose from the barrel assembly. This past year has had about a 100 or more feed latches breaking.

Had a M591 in which the bolt latch tip was broken off--replacement corrected it so it worked properly--another in which the fired shell would not come out of the chamber--fired case showed marks from the chamber so recommended it be returned to the factory for SPECIFIC PROBLEMS barrel chamber check.

Past year have had about a dozen M700's that close hard over the shell--usually adjustment of extractor corrects the condition--also about eight to ten trigger connectors breaking--usually only after the customer has fired a few shots--(these fire controls have not been touched) also at least twice the above number when they have been adjusted by the customer improperly.

010000153

FIELD SERVICE
BRIDGEPORT, CONNECTICUT

03586

GUNSMITH CALL REPORT

CC: D B Spencer

DATE Feb. 3, 1972

TO WESLEY PRICCO Reporter W. E. Woodruff

Address 615 W. Valley Mills, Waco, Texas 4 Zip 76710
Street City State

Order (X) Large (X) Small () Gunsmith on premises? Yes ☒ No ☐

Recommended List (X) Silent List () Other ☐

SONS INTERVIEWED Mr. Leo Bradshaw Jr. POSITION At Gun Mfr.
Mr. Wesley Pricco Gunsmith

GENERAL DISCUSSION This shop reported the usual run of minor problems with our guns, mainly on the M100 & 870 the breakage of feed lathes, where many come from the customers in trying to take the guns apart, have used about 18 to 20 this past season. Today had a M300 in which the left ctr. was broken and ext. ring missing—Mr. Pricco felt these parts should be made more substantial although has not had only a couple break since this model has been out. The bolt handles on the M788 were mentioned and has had a couple with very little brace contact—others were the result of hand loaded shells sticking with six handles broken this past year. Had a customer M700 6425077 in which was noted that customer wanted a new trigger assembly for the gun went off and shot him in the foot—at this stage the gun would only fire by holding the trigger and releasing the safety. In checking the gun found it completely out of adjustment with no seal left on the adjusting screws at all, the gunsmith will advise the customer on picking up the gun. I was handed a gun from the racks and asked if I could tell them the caliber, a new M700 with the code (C T 64) but without any marking of caliber on the barrel—this will be returned to Ilion for replacement. Mr. Bradshaw advised that in the last two years has sold over a thousand rev. guns and is very pleased with our FIELD PROBLEMS line with very few problems or complaints.

010000154

GUNSMITH CALL REPORT

03587

Date April 24, 1975 Reporter E. Woodrick
Shop Name Tillman Gun Shop, Inc. Gunsmith's Name Mr. Ken Bearman
Address 1025 Maumee Ave. Port Wayne, Ind. Zip 46803
No. & Street City State
Gunsmith on Premises? X If not, give address below:
Gunsmith's Address _____ Zip _____
No. & Street City State
Recommended List (X) Open Acct. (X) 30% Disc. _____ Dealer (X) Large () Small (X)
PERSONS INTERVIEWED and POSITION:
1) Mr. Leonard S. Sieminski, Mgr. (2) Mr. Ken Bearman, Gunsmith
3) _____ (4) _____

PECIFIC PROBLEMS ENCOUNTERED:

- 1 M76 22 — Would not fire at times when safety was released.
- 1 N66 22 — Cartridges would jam (Cart. Stop Spring missing)
- 1 M700 BDL 25/06 6611418 Fired when safety was released—
(Trigger pull had been adjusted to 1#)
- 1 M742 30/06 7492056 PE Bolt would not unlock.

GENERAL DISCUSSION

010000155

Since my last visit to this shop both of the above men are new and was able to cover the above guns and assist in the repairs. The M76 had been in the shop for some time and was about to send it to the plant along with the new M742 in which the bolt could not be opened. This M742 had the tip of the bolt latch broken which was binding the bolt not allowing it to move, after getting the gun apart and replacing this latch the gun would operate. The M700 gun had been adjusted so the pull was only a pound and would follow down when the safety was released—after properly adjusting to 3½ the gun functioned properly and could not be tricked for any failure. In discussing the M100 nothing specific was brought out as causing trouble, was told the biggest trouble seems to be the customers use them and put the gun away without any cleaning allowing them to rust causing the gun to fail. Both men commented that Remington

GUNSMITH CALL REPORT

817 535-2670358

Date Mar. 5, 1975

Reporter F. Woodrick

Shop Name Evell Cross Gun Shop,

Gunsmith's Name Mr. Malcolm Cross

Mr. Lester Brooks

Address 4101 East Rosedale Street, Fort Worth, Texas
No. & Street City State

Zip 76105

Gunsmith on Premises? X If not, give address below: #

Gunsmith's Address _____ Zip _____
No. & Street City State

Recommended List (X) Open Acct. (X) 50% Disc. _____ Dealer (X) Large (X) Small ()

PERSONS INTERVIEWED and POSITION:

1) Mr. Malcolm Cross, Owner & Gunsmith(2) Mr. Lester Brooks, Gunsmith

2) _____ (4) _____

SPECIFIC PROBLEMS ENCOUNTERED:

Hard opening on the L742 12 - 15 Guns this past year.

1 M 700 17 Rem 6543665 CW (New gun from the box) Showed discoloration on receiver--stock had slight chip out at fore end tip & finished over. Bolt slightly rusted from finger prints.

6 L700's Last Fall (when the safety was put on and trigger pulled, then in releasing the safety the gun would fire.

M788 8 Bolt handles breaking.

M66 12 rear sight where the elevation screw strips out.

M1100 8 - 10 guns in which the inter. latch stud has worn around the retainer notch and will not properly hold the latch.

GENERAL DISCUSSION

Mr. Cross and Brooks reported the above problems encountered on our guns this past year. In checking the new L700 the condition would not allow it to be sold for a new gun and suggested it be returned to the factory for correction. The men here did not think the trigger pulls on the L700's are up to the usual standard for they seldom ever heard of a complaint of this type. Both questioned about the inter. latch studs in the M1100 receiver, stating that with the number of guns in the field and all getting older the condition of the retainer moving and wearing the notch on the stud is starting to show up and no doubt will be giving this trouble, would like to see some corrective measure other than returning the receiver for a new stud. Mr. Cross stated that we are giving the best service on parts for today received a shipment posted Feb. 28 from the plant.

*Ernie C. ...
Not given clearance*

010000156

GUNSMITH CALL REPORT

03589

Reporter _____

Feb. 22, 1972

Name _____

Gunsmith's Name _____

Address _____

Zip _____

No. & Street _____

City _____

State _____

Gunsmith on Premises? _____

If not, give address below:

Gunsmith's Address _____

Zip _____

No. & Street _____

City _____

State _____

Recommended List () Open Acct. () Disc. _____ Dealer () Large () Small ()

GUNS INTERVIEWED and POSITION:

_____ (2)

_____ (4)

CIFIC PROBLEMS ENCOUNTERED:

- 1 M 700 25/06 Code LW Shows rust around the front sight.
- 1 M 700 25/06 Code LW Stock damaged by the belt handle--~~a safety inoperative--~~
(safety ball missing--which I replaced)
- 1 MB70 5197409 V Code JT poor patch in stock & color on barrel shows much discoloration & rust.
- 1 MB70 5326363 Code XT coloring coming off barrel & being spotted.
- 1 MB70 5658532 Code RW Poor polish in bore, (shows several rough spots half way in the bore)
- 1 MB70 5509795 V Code LW Barrel appears to be dry & sticky--in wiping it down much discoloration comes off and coloring is spotted.

(all above barrels will be returned for correction)

010000157

GENERAL PROBLEMS

This shop reported that a considerable number of feed latches are still showing up along with complaints on our wood & coloring. And a gun that could not be taken down as it need a new port cover & operating handle. I was able to remove the barrel take down nut. I was shown several guns with defective bluing & poor patch in the wood along with fine I advised that if it was something I would not accept as satisfactory for a sold to return it to the factory for replacement. Showed the MB700 a little that with some work shows the gun holding it

REMINGTON ARMS COMPANY, INC.

Field Serv
Bpt., Conn

GUNSMITH CALL REPORT

03590

m _____ Reporter _____ Date 12 22 70

Address _____ Zip _____
Street City State

Name of Business _____ Dealer _____ Large () Small ()

Persons Interviewed _____ Position _____
Mr. Harold Reichow Gunsmith

GENERAL DISCUSSION

At this shop I was handed a .270 in which would fire when the safety was released--the gun had just been received and Mr. Reichow had not been able to check it. In removing the action from the stock found that all the screws in the trigger assembly had been adjusted with the seals broken and in removing the assembly a broken piece of the connector fell out. After installing a new connector and adjusting the trigger corrected the condition. Also a .50 WSM gun that would only take one shell in the magazine--a piece of the follower latch had broken and lodged in the magazine--along with being one of the early types where the action spring stop was attached to not pinned gun. Mr. Reichow a problem for he had never attempted to change one of this type before to the SPECIFIC PROBLEMS. All the other items mentioned here were the usual--some of the gun stock and supports breaking along with a few feed latches. This shop is a warranty repair shop for him, along with a couple of the other latches and a few large valves of work.

010000158

GUNSMITH CALL REPORT

03591

Date 1. 1977Reporter S. BourickCustomer Name Co.Gunsmith's Name W. Jim Craft1700 6th Street,Minneapolis,Minn.Zip 55425

No. & Street

City

State

Is on Premises? X

If not, give address below:

Address

No. & Street

City

State

Special List ()

Open Acct. () 50% Disc.

Dealer ()

Large ()

Small ()

INTERVIEWED and POSITION:

W. Jim Craft, Gunsmith

(2)

(4)

PROBLEMS ENCOUNTERED:

2 M190 extra barrels that the piston & seal would not go into until smoothed up.

010000159

DISCUSSION

Customer reported this past winter has had two M190 extra barrels that would not properly fit where the rings would go into the gas cylinder until he smoothed the cylinders. Today had a M76 in a box in which an attempted repair had been made on the trigger assembly along with the early style trigger, cocking lever which did not have enough clearance for release of the trigger. Also a M740 with a jamming problem which was corrected. During my visit a customer brought in a M700 in which he stated would fire when taken out the safe about once in twenty rounds. This gun was carefully checked out & found nothing wrong—good coverage on the rear & connector—due to the conclusion the customer was evidently holding his finger on the trigger & not realizing it as it would not be made to fire or jar off in any manner tested. The complaint on our past service for within three weeks the parts are resolved back here—none of the others come close to this service.

REMINGTON ARMS COMPANY, INC.

Bpt. 03592

RECOMMENDED

GUNSMITH CALL REPORT

CC: Hugh Heavers

m BOYER'S SPORT MARINE & GUN SHOP Reporter F. W. Woodruff Date 11 13 71
 Address 201 West Hwy 10 Stevens Point, Wisc. Zip 54481
 Street City State
 Nature of Business Sale & repair Dealer () Large () Small ()

Persons Interviewed Mr. Earl Boyer Position Owner & Gunsmith
Mr. Dan Boyer " "

GENERAL DISCUSSION

The men at this shop reported the usual problems with most of them being corrected without much trouble. This past year have gone thru about 18 to 20 feed latches and today had two M870's 20 Ga with the latches broken, used a dozen fore end supports and a few incidents of inter. latch spring problems. Had a customers M600 rifle in which the complaint was that it fired on closing—Mr. Earl Boyer stated that it was very dirty when received although he could not make it fire without pulling the trigger—to insure it I adjusted more contact with the connector & sear and gave it a good test. Had three 11-48's with functional problems and was able to get two working properly but the third would separate the heads and leave the body in the chamber which needed a factory overhaul. Parts arrive in about three weeks SPECIFIC PROBLEMS after ordering which is considered very good for the others always take several week.

010000160

REMINGTON ARMS COMPANY, INC.

03593 Field Serv
Bpt., Conn

RECOMMENDED

GUNSMITH CALL REPORT

CC: Gene Porter

rm LONG'S GUN SHOP Reporter P. W. Woodside Date 6/10/71

Address 3215 7th St. Lewiston, Idaho Zip 83501
Street City State

Type of Business Repair Dealer () Large () Small ()

Persons Interviewed Mr. James Long Position Owner

GENERAL DISCUSSION

Mr. Long is employed as a tool and die maker at Spear and operates his shop evenings and week ends. At this time he has been advised by his doctor to let up on his activities and will close his shop temporarily except for his club members and friends. Items that he mentioned were: a .450 in which had a blown case in the chamber--after removing it and testing with Rem & Rem X ammo functioned properly although in testing with C&I ammo did get a couple of blown cases again and stated I've come to the conclusion this is just too hot for this gun. Also a fairly new .1700 in which the customer stated went off while closing the bolt--Ed. stated that I checked this gun out good and you just could not make it go off unless you pulled the trigger. Adding I service all the guns at the plant we use in our testing--most of them are yours and we hardly ever have any trouble. I suggested if this trouble is encountered again we would like to have the gun returned to us for checking--this he assured me he would do. Showed me a new Spear 38 S&W cartridge with a plastic cup holding .9 shot --the cup part extends approx. 5/8" out from the case as bullet and about the same length within. Stated that these are just hittin' the mark and at present have a large backlog for them. Will remove this shop from our Recom. Listing although I was assured he would handle any new work that was brought to him.

010000161

CC: E. P. Spencer;
B. G. Larson;

03594

Feb. 19, 1974

F. Woodrick

Custom Gun Service,

Mr. Jay Moore.

1104 Upas Ave,

Mo Allen,

Texas

76581

X

X

X 30

Mr. Jay Moore, Owner & gunsmith.

Mr. Romeo Garcia, Gunsmith

M3200 #17009 Lower barrel loose in the barrel band—equipped with M/C
band.

M1100 12 action bars breaking, slide coming loose, breaking at the front
section, breaking at operating handle slot & retainer.

50 fore end supports breaking, mostly blocks coming off

10 barrel supports breaking out of receiver.

8 inter. latch studs coming out.

24 of the locking blocks with studs coming out.

75 to 100 extractors replaced this past year in guns serviced at
shop—sold over twice the number over the counter.

On the above M3200 the owner is a Trap Shooter and advised that he will
will shoot the gun to such an extent that you can not put your hand on the
fore end section—this results in the cement we use in the barrel band
being out causing this looseness.

In questioning Mr. Moore about service problems the above items were
mentioned—adding that this shop repairs a lot of Remington guns but with
about 9/10 of the guns in the field being Remington is the reason.

Was told about a nearly new 1700 rifle that was being carried in a
truck last fall and in some manner accidentally went off shooting into the
transmission. The gun was brought to Mr. Moore for checking and he advised
the owner & lawyer that he found nothing wrong with it—did not take the
gun apart or touch the action or the trigger—advised them that it was doubtful
they had any type case as it appeared to him that the trigger was pulled.
Asked me if I knew about this & whether Rem. had been contacted yet? Mr.
Moore checked his repair tickets but could not supply me with any information
as to serial number or name. Does warranty work for Win & Nav. and
in asking about the normal labor charge on a new gun repair advised about
\$4.50 plus the parts. Was shown a letter from Win. Service and they request
that all guns serviced be tested to eliminate any second return on service

010000162

03595

ARM SERVICE USAGE REPORT
DATE: NOVEMBER, 1974 - MARCH, 1975

PAGE

MODEL	PART	DESCRIPTION	USAGE
	30515	STOCK ASSY MIL	9
	30960	SLIDE ASSY	8
	15072	BOLT	1
	28201		467
	90327	TOP LOCK LEVER PLGR ROD	50
N10	31626	STOCK ASSY	4
40	27465	FRONT RAIL SCREW	86
40	20070	SLING STRAP ASSY	83
40	15401	TRIG STOP SCREW	80
40	19792	FRONT SWIVEL	80
40	18870	FRONT SWIVEL WASHER	68
40	16114	RECEIVER FILLER SPRING	53
40	27595	FRONT SWIVEL ASSEM	50
40	16205	FRONT BASE SCREW FOR LIGH	42
40	27590	TRIGGER ASSEM	41
40	22555	FIRING PIN ASSEMBLY	36
48	32116	TRIGGER PLATE ASSY L.H.	1
51	15028	CARRIER RUBBER	44
51	25650	CARRIER TENSION FINGER BO	14
51	15029	CARRIER RUBBER STUD	9
51	25625	CARRIER BASE ASSEM FINDLA	6
51	17579	CARRIER TENSION FINGER SP	5
51	25635	MAIN SPRING ASSEM	1
58	16176	EXTRACTOR 12 16 20	8903
58	25390	OPER HOLE 12 16 20 ADL 31	6468
58	16791	OPERATING HANDLE SPRING	1058
58	15097	OPER HANDLE PLGR	973
58	16344	CARRIER LATCH SPRING	561
58	16966	CARRIER DOG FOLLOWER SPRI	528
58	19993	STOCK BEARING PLATE	473
58	25865	ACT BAR ADL MAG	460
58	19365	ACTION SPRING	396
58	16345	CARRIER LATCH PIN	395
59	30320	CLIP MAG	698
66	16550	BOLT HANDLE	1475
66	16968	FRONT SIGHT WASHER	1296
66	16892	FRONT SIGHT SCREW	1293
66	16515	COVER SCREW	703
66	24395	MAG TUBE ASSY	674
66	16545	FRONT SIGHT	473
66	28185	FIRING PIN	455
66	25540	BREECH BOLT ASSEM	430
66	18408	EXTRACTOR	401
66	16564	DISCONNECTER	334
68	15899	BARREL SEAL VITON 12.16 A	11154
68	17433	EXTR SPRING	3742
68	15335	PISTON SEAL A ADL	3094
68	15384	PISTON A ADL	2944
68	27415	FORE END SUPPORT ASSEM	2847
68	15393	LEFT SHELL LATCH SPRING A	2269
68	15702	FIRING PIN RETRACTOR SPRT	2130
68	15393	FEED LATCH 12 GA	2079
68	15398	LEFT SHELL LATCH RETAINER	1912
76	25870	STOCK ASSEMBLY HONAWK BRO	69
76	15102	BOLT PUSH ROD SPG	29
76	25871	STK ASSY APACHE BLACK	28
76	15070	EXTRACTOR	26
76	15264	TRIGGER CAP	24
76	15107	LOCKING BAR SPRING	20
76	28195	FIRING PIN	19
76	25710	DISCONNECTOR	

010000163

ARM SERVICE USAGE REPORT
DATE: NOVEMBER, 1974 - MARCH, 1975

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PAGE

MODEL	PART	DESCRIPTION	USAGE
77	32340	MAG ASS Y	906
77	14748	MAGAZINE GUIDE	334
77	14351	MAG LATCH	250
77	31625	STK ASSY	119
77	15994	EJECTOR	42
77	14354	MAG GUIDE SCREW	34
77	14957	MAG LATCH THUMBPIECE	24
77	24391	BOLT ASSEM	20
77	14349	TRIGGER GUARD	4
100	15417	RIB SCREW ADD USE 600	166
100	15654	MONTE CARLO STOCK ASSEM	100
100	15418	SIGHT SCREW AND 600 AND M	70
100	15728	REAR SIGHT LEAF ADD USE A	50
100	14904	CCR HOLE L H	39
100	15410	FIRING PIN ADD USE MODEL	34
100	15413	BOLT STOP SPRING ADD USE	32
100	30136	CARRIER ASSEM	31
100	26795	SAFETY ASSEMBLY ADD USE M	30
100	15450	REAR RECEIVER SCREW	29
3200	90297	BARREL BOND LOCK P	589
200	90307	TOP LOCK LEVER SCR	455
200	90332	YOKE ROD SPRING	369
200	90440	HAMMER COCKING ROD	360
200	90351	FORE END LATCH SPR	260
200	32235	FIRING PIN HOUSING	245
200	90380	EJECTOR STOP PIN	230
200	91012	SEAR SPRING	220
200	90356	TANG BLK SCREW	163
200	90535	EJECTOR HAMMER PIV	160
3200	90331	YOKE ROD NUT	770
320	32310	TOP LOCK LINER ASSEM	615
320	90304	FIRING PIN	606
320	90466	TRIGGER COCK SPRING	501
320	90501	FIRING PIN RET	362
320	90294	FORE END SCREW	295
320	32385	FORE END IRON ASSEM	291
320	32492		283
320	90309	FIRING PIN RETAINING YOKE	264
320	91026	YOKE ROD BUFFER SPRING WA	236
4100	90849	MAG INDEX CLUTCH ASSY	2
410	91064	REMOTE CENTRAL SWITCH	1
510	21076	FRONT SIGHT	1003
510	20433	SLING STRAP SWIVEL HOOK A	909
510	17229	OPEN SIGHT LEAF	370
510	17578	BUTT PLATE	362
510	438	TRIGGER SPRING PLUNGER	314
510	17577	TRIGGER GUARD SCREW	257
510	252	SAFETY SCREW	153
510	15871	TRIGGER GUARD	145
510	34	EXTRACTOR RIGHT	144
510	32	EXTRACTOR LEFT	113
511	2170	MAGAZINE ASSEM COMPLETE 1	1053
511	596	MAG LOCK	641
511	247	BOLT HOLE ASSEM	200
511	19634	MAG LATCH	126
511	891	TRIGGER ASSEM	120
511	105	MAGAZINE GUIDE PLATE	47
511	393	TAKE DOWN SCREW	47
511	595	REC INSERT REAR	42
511	21275	STK ASSY COMPLETE A	41
511	331	EJECTOR SCREW	38
512	499	SAFETY	180
512	18664	CARRIER TENSION SPRING	152
512	22791	INNER MAG TUBE ASSY	

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MODEL	PART	DESCRIPTION	USAGE
512	20	CARTRIDGE STOP	68
512	19917	OUTER MAG TUBE	63
512	16739	MAGAZINE RING	48
512	14	CARRIER SPACER BUSHING	38
512	21	CARTRIDGE STOP PLUNGER	32
513	1010	MAG ASSEM	1606
513	22560	REAR SWIVEL SCREW ASSY	133
513	297	BOLT HOLE ASSEM	118
513	5	FRONT SWIVEL ASSEM	54
513	493	TRIGGER CUSHION SPRING AD	45
513	492	TRIGGER CUSHION SPRING SC	35
513	491	TRIGGER CUSHION SPRING	34
513	504	FRONT SIGHT RAMP SCREW	34
513	113	FRONT SWIVEL SCREW	31
513	822	TRIGGER ASSEM COMPLETE	27
514	17573	EXTRACTOR SPRING	907
514	15445	OPEN SIGHT SCREW	786
514	17233	EXTRACTOR	733
514	17576	EXTRACTOR PLUNGER	347
514	21075	FRONT SIGHT	336
514	17676	EJECTOR AND TRIGGER PIN	213
514	15396	OPEN SIGHT LEAF	175
514	22750	BOLT ASSY	114
514	17704	FIRING PIN	86
514	17572	EJECTOR SPRING	67
521	20895	REAR SWIVEL SCREW ASSY	1312
521	17815	FRONT SIGHT	28
521	20215	SLING STRAP ASSY 1 IN	11
521	17814	REAR SIGHT LYMAN 57 RS	5
521	21310	STOCK ASSEMB	4
521	22305	FRONT SWIVEL ASSY	4
521	710	BARREL	3
521	18666	REC SGT MTG SCREW	3
521	18667	REC SGT MT SCREW	3
521	22050	BARREL FILLER BLOCK	2
540	31600	SLING STRAP ASSEM MTGS CD	169
540	14509	BOLT STOP	117
540	14725	REDFIELD RECEIVER SIGHT	103
540	14804	FRONT SIGHT REDFIELD	97
540	14724	RECEIVER SIGHT BASE	62
540	31230	BUTT PL TUBE ASSEM	50
540	31245	BUTT PLATE ASSEM	42
540	14510	BOLT STOP REL	26
540	14650	FRT SWIV BUSH ASM	25
540	14518	TRIG HOUSING ASSY	18
541	32520	R SIGHT ASSEM	732
541	32125		7
541	32135	MAG LATCH ASSEM	5
541	14980	MAGAZINE PLATE	4
541	32130	TRIGGER HOUSING ASSY	3
541	14971	TRIGGER GUARD	1
541	15949	TRIGGER	1
541	29029	BBL & REC ASSY	1
550	17667	EXTRACTOR PLUNGER	845
550	18318	EXTRACTOR	746
550	20490	FIRING PIN ASSY	307
550	19470	ACTION SPRING	307
550	22792	INNER MAG TUBE ASSY	430
550	299	SEAR SPRING	418
550	19625	MAIN SPG	348
550	284	RECEIVER PLUG RETAINER SC	310
550	283	RECEIVER PLUG RETAINER	278
550	437	ACTION SPRING BUSHING	246
552	16463	BOLT LATCH SPG	525
552	16155	TAKE DOWN SCREW	416
552	22635	EXTRACTOR RIGHT	347

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MODEL	PART	DESCRIPTION	USAGE
552	16397	EXTRACTOR SPRING SEAT	174
552	23053	CARRIER	160
552	19948	CARRIER SPRING	147
552	19848	ACTION SPRING	126
555	25005	STOCK ASSY	308
572	25585	3PEN SIGHT STEP	2736
572	19813	FIRING PIN	1649
572	25225	FRONT SIGHT	1050
572	22790	INNER MAG TUBE ASSY	911
572	25105	MAGAZINE SCREW	719
572	25080	FORE SCREW	313
572	22645	FORE END ASSY	302
572	19912	EJECTOR	282
572	19826	FORE END SUPPORT	274
572	16759	FORE END HANGER	257
580	14001	FRONT SIGHT	518
580	14010	EXT SPRING	469
580	14011	FIRING PIN	404
580	14009	EXT R H	343
580	14008	EXT L H	300
580	29110	STRIKER ASSY	114
580	14059	REAR SGT EYEPiece	95
580	14034	REAR SIGHT SCREW	76
580	29100	REAR SIGHT ASSEMB	69
580	14039	EJECTOR	62
581	29075	MAG ASSEMB	1959
581	33000		1705
581	14048	MAG LATCH	82
581	14047	MAG GUIDE	74
581	14049	MAG LATCH SCREW	48
581	14071	TAKE DOWN SCREW	30
581	29056	STOCK ASSEMBLY	25
581	14042	TRIG GUARD SCREW	18
581	14495	MAG SLEEVE	11
581	29000	BOLT BODY ASSEMBLY	6
582	18382	BOLT ASSY PIN	220
582	29115	INNER MAG TUBE ASSY	156
582	14052	ELEVATION SCREW	69
582	14022	MAG FOLLOWER	31
582	14013	CARRIER SPRING	30
582	29090	SLING STRAP ASSY	29
582	29005	CART FEED INSERT	26
582	29057	STOCK ASSEMB	23
582	14020	CART FEED INSERT PIN	22
582	14043	TAKE DOWN SCREW	22
590	29001	BOLT BODY ASSY	40
590	14891	REAR SIGHT RIB	3
591	90532	EXTRACTOR	547
591	14469	FRONT SIGHT	206
591	14722	FIRING PINS	121
591	14730	LATCH	88
591	29116	INNER MAG ASSEM	74
591	90334	RECEIVER COVER SC	57
591	14735	FIRING PIN RETAINING PIN	38
591	14728	BOLT HEAD	26
591	14738	MAG GUIDE	23
591	14729	EJECTOR	12
592	14733	EXTRACTOR	52
592	29050	STOCK ASSEM	21
592	14813	MAG KING	10
592	29025	RECEVBL ASSY	8
592	14076	INNER MAG TUBE	4
592	14093	CART FEED INSERT	3
592	15891		4
600	15437	TRIGGER GUARD	20

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PAGE 1

MODEL	PART	DESCRIPTION	USAGE
600	26841	REAR SIGHT ASSEMBLY, 300.2	39
600	15488	RIB	29
600	16793		28
600	24484	BOLT STOP PIN	23
600	26730	TRIG ASSY	23
600	15726	REAR SIGHT EYE PIECE	22
600	15472	BOLT STOP	20
610	26465	FIRING PIN ASSEMBLY	145
610	15330	SEAR	118
610	26460	REAR SIGHT ASSEMBLY COMPL	104
610	15326	REAR SIGHT SCREW REAR	72
610	300	EJECTOR	68
610	15302	FIRING PIN CAM PIN	65
610	15325	REAR SIGHT SCREW FRONT	62
610	15866	SAFETY LEVER ADD USE 611	51
610	15881	FRONT SIGHT ADD USE 611 &	23
610	15311	RECEIVER INSERT REAR	21
611	330	EJECTOR	119
611	15307	MAGAZINE LOCK SCREW	104
611	15312	MAGAZINE LOCK SPACER	76
611	15755	REC INSERT	10
611	26571	STOCK ASSEMBLY	5
612	26470	INNER MAG TUBE ASSY	160
612	26570	STOCK ASSEMBLY	17
612	15250	BBL NEW STYLE	8
612	15391	MAGAZINE SPRING	7
612	15319	OUTER MAGAZINE TUBE	6
612	15313	MAGAZINE FOLLOWER	4
612	15315	TAKE DOWN SCREW	4
612	26510	BOLT ASSEMBLY	4
612	15766	REC INSERT	2
612	15305	MAG RETAINER SPG PIN	1
660	29890	BOLT FINAL ASSY	16
660	29835	STOCK ASSY	10
660	23600	FIRING PIN ASSEM	7
660	15673	FIR PIN HEAD	4
660	29865	BBL ASSY 243	2
660	15676	BOLT PLUG	1
660	29860	BOL ASSEM 308	1
660	29867	BBL ASSY 350 MAG	1
70	20062	CARRIER ASSEM LEFT HD	6
700	28505	REAR SGT RAMP SCREW N/S	2150
700	14669	EXT 30/06	2008
700	15373	FRONT SIGHT A ADL	1145
700	90904	WINDAGE SCREW	540
700	90906	ELEVATION SCREW	523
700	32510	R SIGHT APERTURE	511
700	26355	REAR GUARD SCREW ALL CAL	484
700	28510	FRONT SIGHT RAMP ADL ADD	382
700	27342	EXTRACTOR RIVET 222 R AND	375
700	15709	EXTRACTOR	373
721	23410	EXTRACTOR	555
721	20465	EJECTOR SPRING	388
721	17019	FRONT GUARD SCREW	351
721	22035	RECEIVER PLUG SCREW	348
721	17034	EJECTOR	311
721	17017	BOLT STOP PIN	191
721	24475	CENTER GUARD SCREW	183
721	17580	BOLT DETENT BALL	174
721	23222	MAGAZINE SPRING	158
721	17028		
722	22037	FRONT GUARD SCREW	140
722	17081	MAGAZINE COUPLING	

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MODEL	PART	DESCRIPTION	USAGE
722	17058	MAIN SPRING	14
722	22016	TRIG GUARD	14
722	22041	FIRING PIN ASSY	9
722	17970	MAGAZINE SPACER 222	7
722	17971	MAGAZINE 222	6
722	16794	MAGAZINE SPACER 222, MAG	3
725	16715	MAGAZINE 244 REM	56
725	19800	FLOOR PLATE LONG ACTION	55
725	16452	FLOOR PLATE LATCH SPRIN	36
725	16453	FLOOR PLATE PIVOT PIN	34
725	16451	FLOOR PLATE LATCH PIN	23
725	16434	FLOOR PLATE SHORT ACTION	19
725	16715	MAGAZINE 222 REM	13
725	16355	FRONT SIGHT COVER	12
725	16826	MAGAZINE SPACER 222 REM	6
725	16421	SAFE DETENT SPRING	3
740	21880	MAGAZINE ASSY 30 06	8378
740	23737	MAGAZINE ASSEM 308	3133
740	21832	MAGAZINE ASSY 35	2390
740	18326	FIRING PIN	799
740	16456	REAR SIGHT LEAF SCREW	788
740	16023	REAR SIGHT BASE SCREW	556
740	30495	FORE END ASSEMBLY	425
740	18334	ACTION TUBE	236
740	19673	CAM PIN	190
740	18357	DISCONNECTOR	89
742	23805	FRONT SIGHT BRASS POWDERE	3266
742	27340	EXTRACTOR RIVET ADD USE 7	2188
742	19946	EJECTION PORT COVER	1491
742	23706	FRONT SWIVEL ASSEM ADL	1343
742	24525	REAR SIGHT ASSY	1129
742	32815	STK ASSEM	957
742	23740	CLIP MAG	823
742	23739	MAGAZINE ASSEMBLY 6MM	698
742	28511	FRONT SIGHT RAMP	543
742	23223	SAFETY DEY BALL	533
760	23030	CLIP MAG 30/06	4481
760	28095	SIGHT STEP	3806
760	23033	MAGAZINE ASSEM 270	2719
760	23718	MAGAZINE ASSEM 308	822
760	23721	CLIP MAG 243	627
760	28097	SIGHT STEP	517
760	19945	EJECTION POT COVER	403
760	28096	SIGHT STEP	375
760	28093	SIGHT STEP	338
760	28590	STOCK ASSEM RIGHT BDL	332
788	29540	MAGAZINE ASSEMBLY 243	2165
788	29535	MAG ASSEMB	1576
788	29536	MAG ASSEMB	1563
788	29539	CLIP MAG 308	1400
788	29541	CLIP MAG 6MM	1072
788	14212	EJECTOR	261
788	29537	MAG ASSEMB	230
788	14236	ELEVATION SCREW	190
788	29350	REAR SIGHT BASE	164
788	29395	REAR SIGHT SCREW	140
851	17436	FIRING PIN	6436
851	17432	EXTRACTOR PLUNGER	3916
851	18097	MAGAZINE PLUG ADD 3 SHOT	1915
851	17437	FIRING PIN RETRACTOR SPRIN	1340
851	17539	TRIG PLATE PIN DETENT SPG	1268
851	20501	TRIGGER PLATE PIN FRONT 1	1095
851	20535	FRICTION PIECE 12	1091
851	18781	CARRIER DOG PIN	999
851	20606	TRIGGER PLATE PIN REAR 16	991
851	17540	TRIG PLATE PIN DET SPG DE	221

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MODEL	PART	DESCRIPTION	USAGE
870	25375	MAG CAP	1330
870	18647	EJECTOR RIVET REAR	1228
870	20040	SHELL LATCH LEFT 12	1110
870	18646	EJECTOR RIVET FRONT	1094
870	14577	STOCK PRESS FORMED	1000
870	14532	MAIN SPG MIL	986
870	14405	ADAPTER SLEEVE SCREW	951
870	14696	MAG TUBE COUPLING	934
878	16909	SHELL LATCH LEFT 12 GA	207
878	25175	FORE END	134
878	25165	PISTON ASSEMBLY	103
878	25310	R SIGHT BASE 12GA	98
878	16965	R SIGHT BASE PIN	97
878	25860	ACT BAR ASSY	49
878	25170	BREECH BOLT ASSY COMPLETE	44
878	16967	BREECH BOLT 12 GA	24
878	19659	ACTION SPG STOP	21
878	16895	MAGAZINE CAP	19
879	16901	PISTON SPG BUSHING	25
879	14077	FORE END	4
879	29435	REC ASSY	1
88	30330	TRIGGER HOUSING ASSY L H	2

010000169

REMINGTON ARMS COMPANY, INC.

Field Serv.
Ept., Conn.

RECOMMENDATION GUNSMITH CALL REPORT

NAME STELL CROSS GUN SHOP Reporter E. W. Woodruff Date Jan 26, 1961

Address 4101 East Rosedale St. Fort Worth, Texas Zip 76105
Street City State

Type of Business Call & repair Dealer (☒) Large (☒) Small (☐)

Persons Interviewed Mr. Stell Cross Position Owner & Gunsmith

GENERAL DISCUSSION

This shop performs much of the warranty work for the Dallas office so had a few problems that have not been encountered before:

Had 2 M788's that would fire with the safety on--one from a Gibson Store which was Serial 098672, 30/30 and one from Nash Kove stock--a M788 6:11 36003736 Code 0384--installed new fire controls in both and will return the defective ones to Elton.

Mention was made of three M788's misfiring--the only thing Mr. Cross did then was to adjust the bolt plug so they would thread in a half turn more. advised this does not govern the firing pin protrusion--although stated no more difficulty was encountered with them.

In the last two months have had about eight M1100's in which the gas cylinder has come loose from the barrel assembly. This past year has had about a 10 or more feed latches breaking.

Had a M591 in which the bolt latch tip was broken off--replacement corrected it so it worked properly--another in which the fired shell would not come out of the chamber--fired case showed marks from the chamber so recommended it be returned to the factory for SPECIFIC PROBLEMS barrel chamber check.

Past year have had about a dozen M700's that close hard over the shell--usually adjustment of extractor corrects the condition--also about eight to ten trigger connectors breaking--usually only after the customer has fired a few shots--(these fire controls have not been touched) also at least twice the above number when they have been adjusted by the customer improper

Cont. #	107	108	109
YEAR	'74 '73 '72 '71 '70	'74 '73 '72 '71 '70	'74 '73 '72 '71 '70
(3)	1 1 1		
		1	
			1
(10)	1 4 1 1 3	3	8 2 1
(18)	4 16 15 16 18	2 1 2 2	24 12 22 13 12
(7)	4 1 2	1 1 1	1 1 1 1
(18)	5 24 17 19 24	5 1 3 1 4	33 14 23 16 13

cc: E. Sparre
J.G. Williams
R.H. Sperling

Bridgeport, Connecticut
June 23, 1975

SUBJECT: MODEL 600 FIRE CONTROL STUDY

The Product Safety Committee met June 20, 1975, in
Illion to review the Model 600 fire control investigation.

In summary, (Bob Sperling will issue the meeting
minutes) the Production and Research plans to improve bolt
action fire controls were accepted. The recent audit indicates
the new procedures instituted by the Plant have eliminated the
"trick" safety condition on all bolt action guns. Design
improvements which will be in production within the next six
months will give additional assurance there will be no recur-
rence of the problem.

It was agreed that the section of the gunsmith manual
which covers bolt action fire controls will be rewritten to
include the additional checks and recommended corrective action
for the "trick" safety condition.

No further action is contemplated at this time.

EFB/eb

RDAL

7-2
MILITARY / FIRE COMPANY, INC.

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

August 27, 1975

C. E. WORMAN

M/600 SAFETY FUNCTION AUDIT - FINAL REPORT

During the past year the design of the M/600 Fire Control was revised because of the possibility of tricking the gun, and firing it when the Safety was released. An audit was made, in Ilion, from April 14, 1975 to June 19, 1975, to determine the reliability of the Safety on M/600's currently in the field. This audit consisted of inspecting 615 total guns returned from the field. This sample represents guns that were shipped from 1970 through 1975, and to dealers scattered throughout the United States.

Results:

1. 0.3% of the returned guns (2) failed the worst test, as defined in Appendix I.
2. 55.6% of the returned guns (342) failed the trick test, as defined in Appendix I.
3. A total of 90 guns were received with the box marked OK. This represents guns shipped after revised inspection procedures, to check for proper Sear lift, were instituted. Of these, all passed both tests. See Appendix III.


J. W. Bower, Supervisor
Process Eng. - Current Products

4/9/75

UNPACK

Pull staples and open packing case.
 Record Dealer and Wholesaler on form.
 Record Serial Numbers on form.
 Cut Seal.
 Open box, on 1 side of truck, remove Rifle (INSPECT FOR LIVE AMMO.)
 Unpack Bolt, A. Stick to Rifle, Rifle to Truck. Empty box returned to Case.
 Number case with truck section with same no.
 Verify Serial No. of guns - match serial nos. on cases.

INSPECT

Worse
 Test

Pick Rifle, inspect for live ammo. Close and lock Bolt.
 (Pull Safety back to "ON" position.
 (Pull Trigger, No Click, Trigger retracts.
 (Push Safety forward to "OFF" position.
 (Firing Pin remains cocked.
 Try 3 times.

- 1 In addition to passing Worse and Trick Test, .006 shim must go freely between Sear and Trigger when Safety is on.

Trick
 Test

(Pull Safety back to "ON" position.
 (Push Safety halfway off, pull Trigger.
 (Firing Pin remains cocked, no click, Trigger retracts.
 (Push Safety lightly, must spring forward to full "OFF" position, Firing Pin
 (remains cocked.
 Try 3 times

- 1 In addition to passing Worse and Trick Test, .008 shim must go freely between Sear & Trigger when Safety is on.

If Rifle fails either test:

Remove Stock, replace Safety with a swaged one, reassemble Safety with a new Safety Pivot Pin and snap washer making certain that snap washer is and stays engaged on both sides.

Repeat both tests - Return passed Rifle to truck and fill out record form.
 Rejected Rifle, replace entire Trigger Housing assembly to pass tests.

After the gun has been repaired, or when both tests have been tried and passed, the tester will stamp his mark adjacent to the Final Inspection stamp.

JWB

Rev. 1 4/25/75

100

2004

[illegible]

APPENDIX III

Power
8/26/75

M/500 - SAFETY FUNCTION TEST - FINAL SUMMARY

Period - Start of Test 4/14/75 to 6/19/75

Total guns received 615

Guns received with box marked OK (Previously tested) 90

Of 90 guns received with box marked OK - All guns passed both the worst test and trick test.

Of the remaining 525 guns:

2 failed the worst test
342 failed the trick test

Of the 342 guns which failed the trick test:

335 repaired by installing swaged Safeties
7 guns replaced by Custom Repair

Of the 2 guns which failed the worst test:

2 repaired by installing swaged Safeties.

APPENDIX IV

Boxer
5/12/73

M/600 SAFETY FUNCTION AUDIT
(By Quarter)

<u>Shipping Date</u>	<u>Loaded Guns</u>	<u>Failed Worst Cast</u>	<u>Failed Critical Test</u>	<u>% Failed</u>
1st Quarter - 1975	119	-	32	27%
4th Quarter - 1974	216	-	99	46%
3rd Quarter - 1974	27	-	22	82%
2nd Quarter - 1974	10	-	8	80%
1st Quarter - 1974	22	1	16	77%
4th Quarter - 1973	187	1	144	76%
3rd Quarter - 1973	3	-	2	67%
2nd Quarter - 1973	11	-	7	64%
1st Quarter - 1973	-	-	--	--
All - 1972	5	-	2	40%
All - 1971	-	-	--	--
All - 1970	<u>15</u>	<u>-</u>	<u>10</u>	<u>67%</u>
Total	615	2	342	56%

<u>DEALER OR WHOLESALE</u>		<u>TOTAL RETURNED</u>	<u>NO. PAID TRUCK FEE</u>	<u>NO. PAID POST FEE</u>
1.	Carter's Country Houston, Texas	220	159	1
2.	Sporting Goods, Inc. Houston, Texas	112	1	0
3.	Sports South, Inc. Mike Charles, Ia.	70	39	1
4.	Nationwide Sports Distributors Southampton, Pa.	62	39	0
5.	Jensen-Byrd, Co. Spokane, Washington	24	19	0
6.	Leslie Edelman of N.Y. Farmingdale, N.Y.	14	6	0
7.	John's Sporting Goods Canton, Ohio	8	8	0
8.	Grand National Sports Supply Buffalo, N.Y.	3	3	0
9.	Edelman's of N.J. Seuken, N.J.	3	3	0
10.	Leslie Edelman, Inc. Southampton, Pa.	7	3	0
11.	Outdoor Sports Hdqts, Inc. Dayton, Ohio	5	0	0
12.	Max L. ... Sporting Gds. Boothwyn, Pa.	2	0	0
13.	Edelman's Inc. Wayne, N.J.	5	3	0
14.	Grand Nat'l Shooters Supply Ionevanda, N.Y.	1	1	0
15.	All Sports Supply, Inc. Portland, Oregon	2	1	0

APPENDIX V (continued)

DEALER OR WHOLESALE	TOTAL RETURNED	NO. PAID TRUCK TEST	NO. PAID WHEEL TEST
16. Morse Hardware Bellingham, Washington	7	7	0
17. Manchesters Longview, Washington	2	1	0
18. Swanson's Hoquiam, Washington	5	5	0
19. Jerry's Gun & Supply Oregon, Mo.	3	0	0
20. Del Mar Distributing Co. Corpus Christie, Texas	6	3	0
21. La Verns Firearms Service Portage, Wisc.	1	0	0
22. Marlow's Custom Tackle	4	3	0
23. Mountainers Rod & Gun Club	1	1	0
24. Vernon S. Drake	1	1	0
25. Ackley & Son Westfield, Pa.	1	1	0
26. V. F. Grace, Inc. Anchorage, Alaska	4	3	0
27. Hughes Gun Repair	5	3	0
28. Katz's Gun Shop	3	2	0
29. The Gun Team, Inc.	6	4	0
30. Walborn Enterprises	1	1	0
31. Bob's Merchandise, Inc.	7	6	0
32. Disco Sporting Goods Coos Bay, Oregon	1	1	0

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CODE NO.CATEGORY & TYPEFIRING (100 to 199)

100	Fails to cock.
101	Fails to fire or misfires.
102	Firing Pin strikes light blow, poor point.
103	Firing Pin fell out.
104	Firing Pin or Spring binds, length incorrect, protrudes
105	Firing Pin strikes off center, marks shells.
106	Fails to connect.
* 107	Jars off or fires closing.
* 108	Fires on safe or safe doesn't hold.
* 109	Fires when safe is pushed off.
* 110	Follows down or Hammer falls.
111	Pieces or primer in action or Bolt.
112	Right Connector doesn't seat in sear notch.
113	Trigger binds.
114	Trigger pull heavy, light, creeps, long. Poor
115	Safe binds, loose, excessive play, double click.
116	Max. header.
117	Min. header.
118	Bolt catches on Receiver (M/721-722 only).
119	Fires automatic, doubles.
120	Improper Head Space
121	Safe goes on after firing.
122	Selector won't fire.
123	Selector works hard, binds.
124	
125	

* These are the complaint code numbers and meanings used on the attached report.

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ANNEX V (continued)

FIRM OR VENDOR	TOTAL RETURNED	NO. OF SALES	NO. OF SALES
33. Boston W. Company	1	1	0
34. Frontier Sporting Goods	6	1	0
35. Valley Sports & Hdwe. Snohomish, Wash.	3	0	0
36. Stewarts Sport Shot Coos Bay, Oregon	2	1	0
37. Village Trading Post	2	2	0
Total	615	342	2

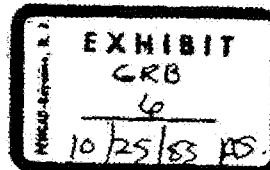
Malfunction Index

CODE

1 of 5

Attach to previous report

1	AD	Action binds	29	CS	Cases swell (concave/convex)
2	ASFB	Action Spring Follower binds	30	CWSB	Cams wrong side of Bar
3	BHS	Bolt hits Safe	31	CTP	Creepy Trigger pull
4	BCUF	Bolt catches on Follower	32		
5	BAC	Burr at chamber	33	DYL	Don't Ext. Live Rd.
1	EB	Bolt binds/catches	34	DEB	Don't blow back
6	BBB	Barrel binds back	35	DE	Don't eject
7	BC	Blows cases	36	DEL	Don't eject live round
8	BOCBS	Bolt catches on Bolt Stop	37	DFB	Don't feed back
9	BOCE	Bolt catches on Ejector	38	DFU	Don't feed up
10	BCPS	Bolt catches rim of shell	39	ILB	Don't lock back
11	BDC	Bolt doesn't cam	40	DLO	Don't lock open (last shell)
12	ELOP	Bar Lock/Disc. out of position	41	DLU	Don't lock up
13	BPO	Bolt pulls out	42	DCU	Don't close up
14	BSSH	Bolt stems shell in Magazine	43	DO	Doubles (fires automatic)
15	BSB	Bolt Stop binds	44	DSM	Drops shells - Magazine
16	BHR	Bolt hits Receiver	45	DTL	Don't trip latch
17	BWCFM	Bolt won't close - full Magazine	46	DR	Don't release
18	BLD	Barrel Support came out	47	DX	Don't extract
19	BLW	Barrel Lug shot off	48	DCT	Double click in Trigger
20	BRB	Breech Ring broken	49	DCS	Double click in Safety
21	CBS-F	Shells catch on Ebl. Support - feeding	50	FC	Fails to connect
22	CBS-L	Shells catch on Ebl. Support - loading	51	EIS	Extractor drops shell
23	CC	Carrier catches on shell in Mag., on Latches, on Receiver	52	ESB	Ejector sticks back
24	CH	Closes hard	53	ESCR	Empty shell catches Receiver
25	CHAB	Carrier hits Action Bar	54	ESS	Extractor stems shell
26	CLM	Can't load Magazine	55	FB	Follower binds
27	CO	Cut off			
28	CR	Cuts rim			



DEFINITION INDEX

CODE	DEFINITION	CODE	DEFINITION
56	FFL - Fails to fire	84	JO - Jars off
57	FFIL - Fails to feed from Magazine	85	
58	FFP - Flat Firing Pin	86	
59	FH - Feeds high	87	
60	FOS - Fires on safe	88	LB - Light blow
61	FPHB - Firing Pin hits Barrel	89	
62	FRO - Floor plate opens	90	
63	FROH - Floor plate opens hard	91	
64	FSR - Fires when safe is released	92	MAH - Magazine assembles hard
65	FT - Follower tips	93	MCL - Magazine capacity wrong
66	FUH - Feeds up hard	94	MF - Misfires
67	FD - Hammer follows down	95	MFOP - Magazine follower out of position
68	FPHI - Firing Pin hits inside rim	96	MH - Min. header
69	FA - Fires Automatically (See #43 DO)	97	ML - Magazine loose (falls out)
70	MBL - Heavy Bolt left	98	MLH - Magazine loads hard
71	MUE - Hard under Extractor	99	MRM - Magazine removes hard
72	MUR - Hard under rail	100	HX - Max. header
73	GRSO - Guide Ring shot off	101	MCSO - Magazine Cap shot off
74	GCSO - Gas Cylinder shot off	102	
75		103	MBP - No Barrel pin
76	ILOP - Interceptor latch out of position	104	
76	ILRI - Interceptor latch retainer missing	105	
76	ILSOP - Inter. latch spring out of position	106	OH - Opens hard
77	ILSB - Interceptor latch stud broken	107	OOS - Opens on safe
78		108	OR - Over rides shell
79		109	
80	JBS - Jumps Bolt stop	110	
81	JCS - Jumps cartridge stop	111	
82	JL - Jumps Latch	112	PH - Pulls heads
83	JH - Jumps Magazine	113	POR - Power over ride

MALFUNCTION INDEX

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<u>CODE</u>		<u>CODE</u>	
114		141	
115		142	TLDL Top lock doesn't latch
116		143	TD Tips down
117	RC Rough chamber	144	TU Tips up
118	RDW Release don't work		
119	RS Rim stem	145	TWW Trigger won't work
120		146	
121	SHIL Shell hits top lock	147	XH Extracts hard
122	SCX Shell catches extracting	148	XHB Extractor hits Barrel
123	SHI Short indent	149	
124	SBC Stems bottom chamber	150	Uncoded defects
125	SBE Stems Barrel extension	151	HI
126	SC Stems chamber	152	LOW
127	SCOD Shell catches on disconnecter	153	LEFT
128	SHFP Shell hits firing pin	154	RIGHT
129	SI Stems incline	155	DON'T GROUP
130	SL Shaves lead	156	OTHER (VISUAL)
131	SLC Stems left side of chamber	157	
132	SOR Stem over ride	158	
133	SP Stems port	159	
134	SRC Stems right side of chamber	160	
135	STC Stems top of chamber	161	
136	SSC Shells stem carrier	162	
137	SWE Safety works too easy	163	
138	SWH Safety works too hard	164	
139	SWV Safety won't work	165	BOE Burr on ejector
140		166	EHR Ejector Hammer releases

TARGET
SHEETS
ONLY

9/15/75
GWS

MALFUNCTION INDEX

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CCDE

167 FELI Fore End loose on iron
168
169 FESO Fore End shoots off
170
171 FPP Firing pin protrudes
172
173 TLB Top lock binds
174
175
176
177
178
179

700 = ADL

7001 = WINBDL - includes Classic

7002 = VARMINT

7003 = Left Hand

PROOF MALFUNCTIONS

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CIMDE

180	AI	Assembly incomplete - proof
181	BC-P	Blows cases at proof
182	BEB-P	Barrel extension broken - proof
183	BS-P	Barrel split - proof
184	DLOS-P	Doesn't lock over shell - proof
185	ESB-P	Ejector sticks back - proof
186	FF-P	Fails to fire - proof
187	GRSO-P	Guide ring shot off - proof
188	GCSO-P	Gas cylinder shot off - proof
189	BLSO-P	Barrel lug shot off - proof
190	BRB-P	Breech ring broken - proof
191	MCSG-P	Magazine cap shot off - proof
192	DLO-P	Doesn't lock open - proof
193	FESO-P	Fore-end shoots off - proof
194	PP-P	Pierced Primer - proof
195	BP-P	Blown Primer - proof
196		
197		
198		
199		
200		Uncoded proof malfunctions