

C6225173

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225773

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY 2	26	
600	PROOF 2	29	RW
615	MAGNAFLUX BARREL	5/13/88	PJR.
	MAGNAFLUX BOLT	7/13/88	PJR.
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1271

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225173

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/6/88	RW
	C) Inspect Ejector Hole for Chamfer		9/6/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/6/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		6 Sept 88	JS
	F) Safety on Force	6.25 6.25 6.25	6 Sept 88	JS
	G) Safety off Force	3 3 3	6 Sept 88	JS
	H) Trigger Pull Test & Retainability		6 Sept 88	JS
	I) Firing Pin Indent	.022 .022 .022	6 Sept 88	JS
	J) Assemble Stock		9/23/88	RW
	K) Assemble Swivel Studs		10-6-88	JS
	L) Attach Front & Rear Sight Assemblies		9/23/88	RW
	M) Iron Sight Alignment		9/23/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/23/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	JU
640	Gallery Target & Test	58 R 97L	10/4/88	JES
	A) Optical Clarity of Scope		10/4/88	JU
645	Inspect for Live Ammo		10/4/88	JU
655	Final Inspection A) Headspace		10-6-88	JS
	B) Trigger Pull		10-6-88	JS
	C) Function		10-6-88	JS
660	Pack		10-21-88	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225173

DATE 6 Sept. 88

TESTER J.D.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.54	2.66	2.84	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.54	2.63	2.75	
PULL #3	2.55	2.58	2.60	2.75	
PULL #4	2.35	2.39	2.64	2.72	
PULL #5	2.49	2.39	2.58	2.72	
TOTAL	12.61	12.44	13.11	13.78	
AVG.	2.522	2.488	2.622	2.75	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.31		
PULL #2	3.19	3.31		
PULL #3	3.23	3.32		
PULL #4	3.23	3.32		
PULL #5	3.19	3.25		
TOTAL	16.13	16.51		
AVG.	3.226	3.302		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.18		4.31
PULL #2	4.24	4.20		4.39
PULL #3	4.23	4.17		4.29
PULL #4	4.19	4.21		4.36
PULL #5	4.30	4.25		4.34
TOTAL	21.19	21.01		21.69
AVG.	4.238	4.202		4.338

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225173

CENTROIDAL DISTANCES

0 TO	1	1.92377
1 TO	2	.887288
1 TO	3	1.04652
1 TO	4	1.16463
1 TO	5	.905677

+ <----POA
34
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.9198
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.791
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 2.07637
THE AMR FOR THIS RIFLE IS: 1.202

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225173

CENTERFIRE PATTERNS # 1

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 6

HS = 2.257

VS = 4.313

GS = 4.321

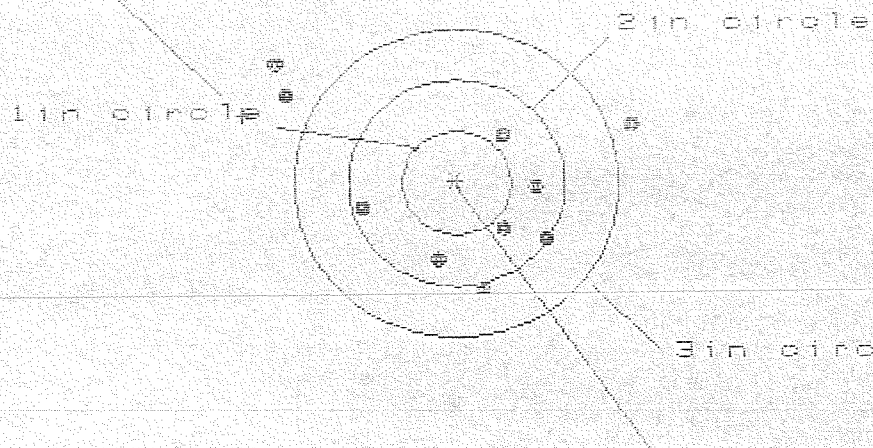
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.091	1.011
MINIMUM X	-1.128	-1.166	-1.246
MAXIMUM Y	1.888	1.618	1.072
MINIMUM Y	-2.425	-1.688	-1.485
CENTROID X	1.389	1.427	1.507
CENTROID Y	-1.331	-1.061	-1.264
POB TO CENTROID in.	1.924	1.779	1.967
MIN RADIUS	.417	.178	.314
MEAN RADIUS	1.345	1.183	1.115
MAX RADIUS	2.449	1.967	1.650
HORIZONTAL SPREAD	2.257	2.257	2.257
VERTICAL SPREAD	4.313	3.366	2.557
EXTREME SPREAD	4.321	3.685	3.136
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225173

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 3.319

VS= 2.205

GS= 3.368

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.646	1.461	1.246
MINIMUM X	-1.673	-1.714	-1.243
MAXIMUM Y	1.148	1.026	.834
MINIMUM Y	-1.057	-.929	-.801
CENTROID X	1.973	2.158	2.373
CENTROID Y	-.663	-.791	-.919
POA TO CENTROID in.	2.081	2.299	2.545
MIN RADIUS	.601	.420	.227
MEAN RADIUS	1.120	.960	.772
MAX RADIUS	2.029	1.938	1.500
HORIZONTAL SPREAD	3.319	3.175	2.489
VERTICAL SPREAD	2.205	1.955	1.635
EXTREME SPREAD	3.368	3.191	2.615
NUMBER IN ONE INCH CIRCLE =	0	5	7
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

5 Oct 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225173

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.318

VS= 4.041

CS= 4.374

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.631	.630	.419
MINIMUM X	-1.687	-1.688	-1.558
MAXIMUM Y	1.333	1.033	1.010
MINIMUM Y	-2.708	-2.049	-1.920
CENTROID X	1.865	1.866	2.077
CENTROID Y	-.399	-.099	-.228
POA TO CENTROID in.	1.907	1.869	2.090
MIN RADIUS	.423	.265	.417
MEAN RADIUS	1.185	.953	.811
MAX RADIUS	2.708	2.075	1.924
HORIZONTAL SPREAD	2.318	2.318	.977
VERTICAL SPREAD	4.041	3.082	2.930
EXTREME SPREAD	4.374	3.682	2.930
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225173

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.102

VS= 3.216

GS= 3.253

PATTERN #	1	2	3
SHOTS (BEST DF)	10	9	8
MAXIMUM X	2.174	.747	.757
MINIMUM X	-.928	-.687	-.677
MAXIMUM Y	1.880	1.859	1.300
MINIMUM Y	-1.336	-1.357	-1.124
CENTROID X	2.094	1.853	1.843
CENTROID Y	-.404	-.383	-.616
POA TO CENTROID in.	2.133	1.892	1.943
MIN RADIUS	.537	.521	.292
MEAN RADIUS	1.231	1.099	.964
MAX RADIUS	2.101	1.861	1.350
HORIZONTAL SPREAD	3.102	1.434	1.434
VERTICAL SPREAD	3.216	3.216	2.424
EXTREME SPREAD	3.253	3.253	2.434
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225173

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.227

VS= 3.125

GS= 3.901

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.742

1.577

.882

MINIMUM X

-1.485

-1.347

-1.150

MAXIMUM Y

1.856

.728

.401

MINIMUM Y

-1.269

-1.063

-.972

CENTROID X

2.278

2.443

2.246

CENTROID Y

-1.158

-1.364

-1.455

POA TO CENTROID in.

2.555

2.798

2.676

MIN RADIUS

.315

.311

.484

MEAN RADIUS

1.130

.939

.862

MAX RADIUS

2.377

1.737

1.312

HORIZONTAL SPREAD

3.227

2.924

2.032

VERTICAL SPREAD

3.125

1.791

1.373

EXTREME SPREAD

3.901

2.987

2.350

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

7

RECEIVING AND ESTIMATING REPORT

COMMENTS

SNIPER M-24 W/10X LEUPOLD SCOPE

INITIAL JJM	CUSTOMER ORDER NO.					
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225173	MODEL AND GRADE 9999 7.65 NATO		ORDER R 90-22038
ACCESSORIES SLING STRAP		W/STUDS	W/SWIVELS		HARD CASE	

FROM:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 31905-5173

SHIP TO:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 31905-5173

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

PARTS						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

WITH GUN

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400009977

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD 03	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION WEAPONS POOL & MAINT DIV, DOL		B. LOCATION Bldg 9106 Ft. Benning GA 31905		C. UNIT IDENT CODE W04255	
2. SERIAL NO. 66225173		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO. R95387		5. MODEL M24	
6. NATIONAL STOCK NUMBER 1005-01-240-2136							
7A. MAINTENANCE ACTIVITY		B. LEVEL H	8. UTILIZATION CODE Q	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
14. FAILURE DETECTED DURING (Select one - use ☒ or X) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ Normal Op ☐ F Inspection ☐ H Other				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). PAINT PEELING OFF BARREL, FIBERS WEARING THROUGH STOCK							
B. REMARKS Recoil training Not Done - Rifle Checked & Repaired for Function Only - Remington Arms Co.							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY			C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor		19. AMS ACCT. CODE
B. LOCATION							
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One)		☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed
23. SUBMITTED BY Jed Magee		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
27. ACCEPTED BY							
28. DISPOSITION (Select One)							
☐ A To User		☐ D Evacuated					
☐ B To Stock		☐ E Cannibalization					
☐ C Salvaged							
JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE			

CONTRACT # DAAA21-87-C-0086

Shipped 12/8/89

GUN SERIAL #

C 6225173

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun	STRIP BARREL ACTION	8/17/89	OC
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel GLASS BEAD		8/17/89	WLB
620	Apply Coatings (Barrel Action)		8/19/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock						8/21/89	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace						8/21/89	RW
	B) Trigger Pull	277	280	274	280	281	21 Aug 89	JS
	C) Function						21 Aug 89	JS
660	Pack						10/23/89	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6225173

DATE 29 Aug 89

TESTER ES J4

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26		2.55	2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26		2.53	2.80	
PULL #3	2.20		2.55	2.74	
PULL #4	2.21		2.45	2.80	
PULL #5	2.29		2.30	2.81	
TOTAL	11.22		12.38	13.92	
AVG.	2.244		2.476	2.784	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1				
PULL #2				
PULL #3				
PULL #4				
PULL #5				
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.71			
PULL #2	4.82			
PULL #3	4.81			
PULL #4	4.76			
PULL #5	4.88			
TOTAL	23.94			
AVG.	4.788			

RECEIVING AND ESTIMATING REPORT

COMMENTS

W/LEUPOLD 10X SCOPE M-24 SNIPER

INITIAL JJM	CUSTOMER ORDER NO.		DATE RECEIVED 08/11/89			DATE OPENED 08/17/89	DATE CODE	SERIAL NUMBER C6225173	MODEL AND GRADE 9999	ORDER R 89-19578
ACCESSORIES		HARD CASE	SLING STRAP	W/STUDS	W/SWIVELS					

FROM:

MAINTENANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q BLDG 228
FORT BENNING GA 31905-5174

SHIP TO:

MAINTENANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q BLDG 228
FORT BENNING GA

31905-5174

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW

☒ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

PLEASE RECONDITION

MAIN FAULT

1. STAIN & REPOWDER COAT CHAMBER ACTION
2. STAIN & REPOWDER COAT TRIGGER GUARD ASSY
3. REPAIR & CLEAN STOCK & RESET TO ACTION
4. CLEAN & RELOAD TRIGGER ASSY
5. BENCH TEST - TRIGGER Pull
6. FUNCTION TEST -

PARTS MISSING:

PARTS
16935 CHAMBER BRUSH
96114 BORE BRUSH
96115 OIL BOTTLE

PARTS REPLACED:

96146 REAR SIGHT ASSY
THUMB SCREW

REPAIRMAN RW	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

Bill Bralinsky
OFFICE COPY

RD6925 REV. 6/88

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400009982

DA FORM 2407
MAY 81

EDITION OF JUL 79 IS OBSOLETE.

ORGANIZATION COPY 4

M2400009983

10/88 Gun
REWORKED 10/89

NEW BARREL
M-24

SCALF #
88-1221

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 622 5173

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		APR 23 1991	AW
600	Proof		APR 23 1991	AW
607	Check Headspace		APR 23 1991	AW
610	Dis-assemble Gun		APR 23 1991	AW
612	Magnaflux Barrel Action		APR 24 1991	KCR
	Magnaflux Bolt		APR 24 1991	KCR
615	Rollmark Caliber		APR 24 1991	GB
617	Drill and Tap Sight Holes		APR 25 1991	KB
618	Polish Barrel		APR 25 1991	WB
620	Apply Coatings (Barrel Action)		APR 26 1991	TJA
	Apply Coating (Bolt)		APR 26 1991	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		5/7/91	Rev
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/7/91	Rev
	C) Inspect Ejector Hole for Chamfer		5/7/91	Rev
	D) Oil Firing Pin Ass'y		5/7/91	Rev
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-10-91	AC
	G) Safety Off Force	3	3	3			5-10-91	AC
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.22	.22	.22			5-10-91	AC
	J) Assemble Stock						5/11/91	RW
	K) Assemble Swivel Studs						5/11/91	RW
	L) Attach Front and Rear Sight Assemblies						5/11/91	RW
	M) Iron Sight Alignment						5/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/11/91	RW
	O) Attach Scope to Rifle						5/11/91	RW
	P) Detach & Attach Scope 20 Times						5/11/91	RW
640	Gallery Target & Test						5-11-91	AC
	A) Time						5-11-91	AC
	B) Malfunctions						5-11-91	AC
	C) Pierced Primers						5-11-91	AC
	D) Optical Clarity of Scope						5-11-91	AC
645	Inspect for Live Ammo						5-11-91	AC
655	Final Inspection							
	A) Headspace						5/13/91	RW
	B) Trigger Pull	2.65	2.40	2.46	2.46	2.50	5/13/91	AC
	C) Function	2.21	2.15	2.16	2.25	2.29	5/13/91	AC
660	Pack						5/18/91	WB

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. CG225173

DATE 5-10-91

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.52	2.58	2-21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.22	2.47	2-15	
PULL #3	2.26	2.16	2.55	2-16	
PULL #4	2.00	2.38	2.54	2-25	
PULL #5	2.32	2.30	2.46	2-29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.06		
PULL #2	3.16	3.14		
PULL #3	3.50	3.25		
PULL #4	3.37	3.09		
PULL #5	3.45	2.90		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.04		4.02
PULL #2	4.43	4.07		4.27
PULL #3	4.11	4.00		4.23
PULL #4	4.30	4.09		4.29
PULL #5	4.18	4.05		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225173
11 May 1991

CENTROIDAL DISTANCES

0 TO	1	.311178
1 TO	2	.0558032
1 TO	3	.418785
1 TO	4	.200529
1 TO	5	.333444

5
312 <----POA

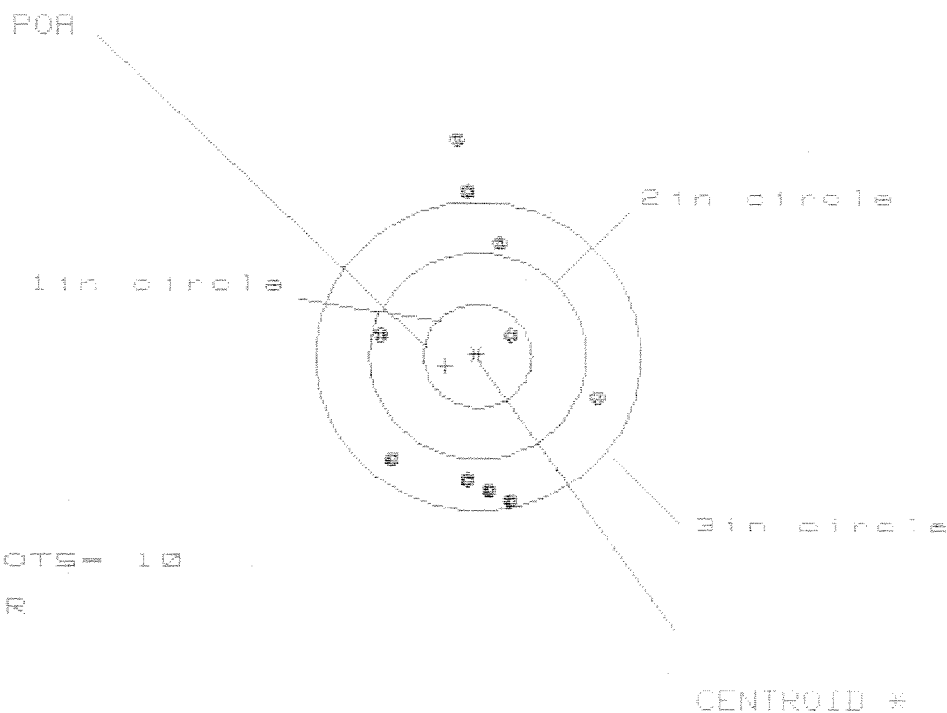
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .389
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .155825

THE AMR FOR THIS RIFLE IS: 1.034

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225173

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 1.976

VS= 3.523

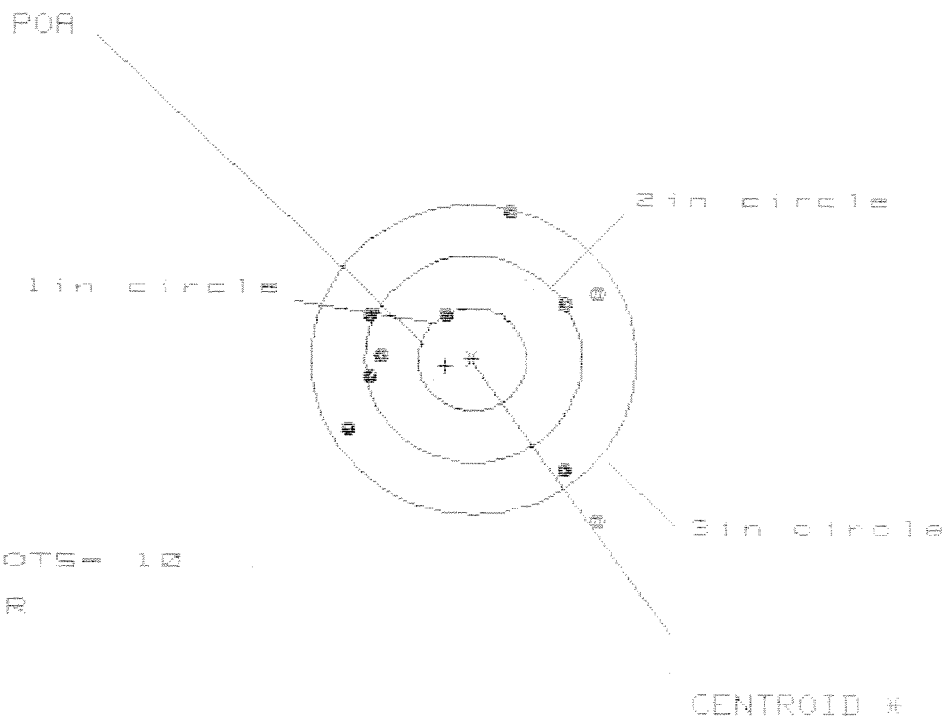
GS= 3.562

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.107	1.086	1.067
MINIMUM X	-0.868	-0.890	-0.909
MAXIMUM Y	2.137	1.808	1.555
MINIMUM Y	-1.386	-1.149	-0.923
CENTROID X	.296	.318	.337
CENTROID Y	.096	-.141	-.367
POA TO CENTROID in.	.312	.348	.499
MIN RADIUS	.402	.562	.741
MEAN RADIUS	1.250	1.127	1.007
MAX RADIUS	2.146	1.815	1.567
HORIZONTAL SPREAD	1.976	1.976	1.976
VERTICAL SPREAD	3.523	2.957	2.478
EXTREME SPREAD	3.562	2.992	2.480
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 2		
NUMBER IN THREE INCH CIRCLE	= 8		

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225173

CENTERFIRE PATTERNS # 2



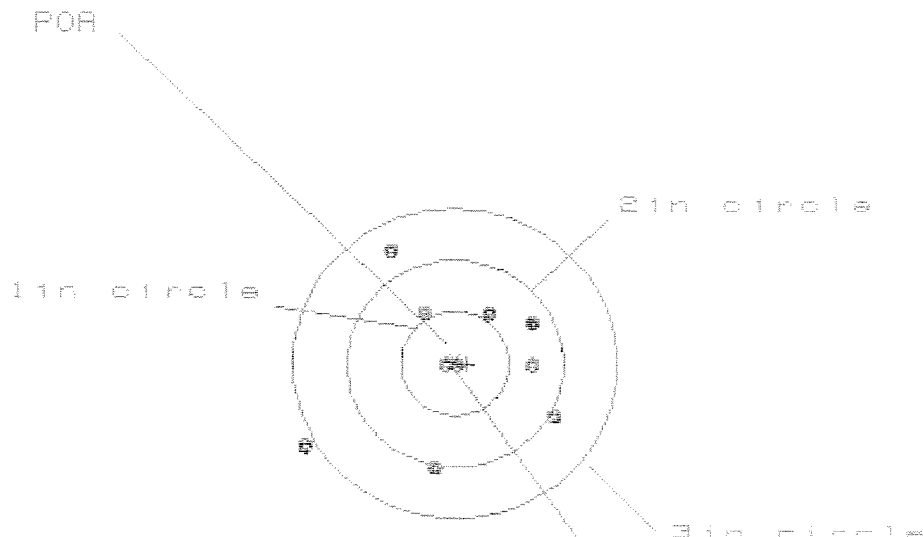
OF SHOTS- 10
IN CIR
1in = 0
2in = 4
3in = 9
HS= 2.384
VS= 2.959
GS= 3.089

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.196	1.280	1.335
MINIMUM X	-1.188	-1.055	-1.000
MAXIMUM Y	1.420	1.249	.613
MINIMUM Y	-1.539	-1.231	-1.075
CENTROID X	.251	.118	.063
CENTROID Y	.063	.234	.078
POA TO CENTROID in.	.259	.262	.100
MIN RADIUS	.506	.294	.432
MEAN RADIUS	1.180	1.047	1.010
MAX RADIUS	1.949	1.544	1.469
HORIZONTAL SPREAD	2.384	2.335	2.335
VERTICAL SPREAD	2.959	2.480	1.688
EXTREME SPREAD	3.089	2.682	2.682
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8225173

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HE= 2.382

VS= 2.092

GS= 2.394

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.959	.801	.700
MINIMUM X	-1.423	-.741	-.141
MAXIMUM Y	1.061	.974	.615
MINIMUM Y	-1.031	-1.118	-.934
CENTROID X	-.113	.045	.138
CENTROID Y	.006	.093	-.029
POA TO CENTROID in.	.113	.104	.141
MIN RADIUS	.008	.188	.260
MEAN RADIUS	.774	.677	.615
MAX RADIUS	1.624	1.224	1.108
HORIZONTAL SPREAD	2.382	1.542	1.201
VERTICAL SPREAD	2.092	2.092	1.556
EXTREME SPREAD	2.394	2.222	1.666
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225173

CENTERFIRE PATTERNS

4

FOR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.057

VS= 2.922

GS= 2.998

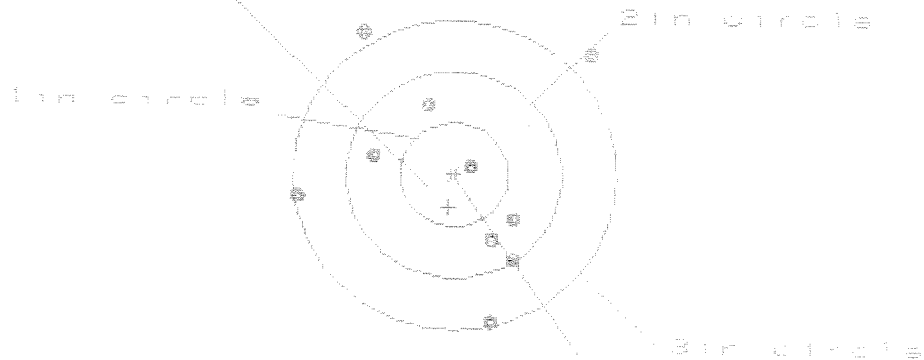
PATTERN #	4		
SHOTS (BEST OF)	10	9	
MAXIMUM X	1.325	1.244	
MINIMUM X	-.732	-.727	
MAXIMUM Y	1.972	1.362	
MINIMUM Y	-.950	-.731	
CENTROID X	.170	.251	
CENTROID Y	-.060	-.279	
FOR TO CENTROID in.	.180	.375	
MIN RADIUS	.234	.214	
MEAN RADIUS	.924	.759	
MAX RADIUS	2.193	1.362	
HORIZONTAL SPREAD	2.057	1.971	
VERTICAL SPREAD	2.922	2.093	
EXTREME SPREAD	2.998	2.210	
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225179

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HE= 2.642

VS= 2.785

GS= 3.040

CENTROID +

PATTERN #

5

SHOTS (BEST OF)	10	9
MAXIMUM X	1.206	.715
MINIMUM X	-1.443	-1.309
MAXIMUM Y	1.389	1.520
MINIMUM Y	-1.396	-1.265
CENTROID X	.049	-.085
CENTROID Y	.320	.189
FOR TO CENTROID in.	.324	.207
MIN RADIUS	.205	.389
MEAN RADIUS	1.040	.972
MAX RADIUS	1.688	1.672
HORIZONTAL SPREAD	2.649	2.024
VERTICAL SPREAD	2.785	2.103
EXTREME SPREAD	3.040	3.040
NUMBER IN ONE INCH CIRCLE =	1	
NUMBER IN TWO INCH CIRCLE =	5	
NUMBER IN THREE INCH CIRCLE =	8	

RECEIVING AND ESTIMATING REPORT

INITIAL JUM		CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER LEUPOLD 10X SCOPE DEPLOYMENT KIT 06225173	
DATE RECEIVED 04/19/91	DATE OPENED 04/19/91	DATE CODE	SERIAL NUMBER 06225173	MODEL AND GRADE 9999 7.62 NATO	ORDER R 91-07412
ACCESSORIES HARD CASE		SLING STRAP		W/STUDS W/SWIVELS	

FROM:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 319055173

SHIP TO:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 319055173

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW ☐ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

- ① NEW BARREL STOCK TRIGGER ASSY
- ② RE - POWDER COAT BOLT & TRIGGER GUARD ASSY
- ③ RE CONDITION SCOPE
- ④ NEW FIRING PIN
- ⑤ NEW Extractor, Ejector, Ejector Pin, Ejector Spring

PARTS	MISSING PARTS REPLACED				
2- 96141 - CLIPPER BALL	Sling Replaced N/K				
1- 96115 - OIL BOTTLE					
1- 96095 - CLEANING ADAPTER					
1- 96044 - SCOPE DUST COVER REMA					
1- 16935 - CHAMBER BRUSH					
REPAIRMAN					
GALLERY TESTER		PROOF	CLEAN	TEST	TARGET
DATE		DATE	DATE	DATE	PATTERN

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400009996

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225123

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly	Scope Base Screw tight bolt / made sure correct	11/11/87	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head	Screw was in front holes J. J. J.		
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent						
	J) Assemble Stock						
	K) Assemble Swivel Studs						
	L) Attach Front and Rear Sight Assemblies						
	M) Iron Sight Alignment						
	N) Detach Front & Rear Sights & place in numbered container						
	O) Attach Scope to Rifle						
	P) Detach & Attach Scope 20 Times						
640	Gallery Target & Test						
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo						
655	Final Inspection A) Headspace						
	B) Trigger Pull						
	C) Function						
660	Pack						

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750, the proponent agency is DCSLOG				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD 03	PD AUTHENTICATION <i>[Signature]</i>	
☐ Work Request ☒ MWO ☐ Warranty Claim		1A. ORGANIZATION CRESCENZ WPNS POOL		B. LOCATION FT BENNING, GA 31905		C. UNIT IDENT CODE WOU255	
2. SERIAL NO. 544-1625		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY C6275173		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS
							13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 008 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Bolt will not lock down							
B. REMARKS							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
B. LOCATION				☐ 1 TOE ☐ 2 TD ☐ 3 Contractor		19. AMS ACCT. CODE	
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One)							
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools							
22. Data Transcribed							
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
27. ACCEPTED BY		28. DISPOSITION (Select One)					
		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400009999

RECEIVING AND ESTIMATING REPORT

CUST NO: 025793 C.O.D		COMMENTS CUSTOM SHOP #29 PAINTED ON STOCK M24 SNIPER			
INITIAL FPS	CUSTOMER ORDER NO.				
DATE RECEIVED 10/07/91	DATE OPENED 10/09/91	DATE CODE CL 4-91	SERIAL NUMBER C6225173	MODEL AND GRADE 700 7.62 M24	
ACCESSORIES W/STUDS		SCOPE BASE L/FRONT SIGHT W/1 SWIVEL			
					ORDER R 91-20319

FROM:

CRESCENZ WEAPONS POOL
MAINT. DIV. DOL
FORT BENNING GA 31905
USA

SHIP TO:

CRESCENZ WEAPONS POOL
MAINT. DIV. DOL
FORT BENNING GA
USA 31905

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA R481579431
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REPAIR CHARGE						TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

*Sight base returned with gun, is attached with 4 screws -
2 different lengths, these screws were reversed which
caused bolt bind problem -*

PARTS							
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE		

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400010000

88299

5091