

C6225173

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225773*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY 2	26	
600	PROOF 2	29	<i>RW</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>PJR.</i>
	MAGNAFLUX BOLT	<i>7/13/88</i>	<i>PJR.</i>
620	COATING	<i>8/11/88</i>	<i>TJA</i>
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

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225173DATE 6 Sept. 88TESTER 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/06285173

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

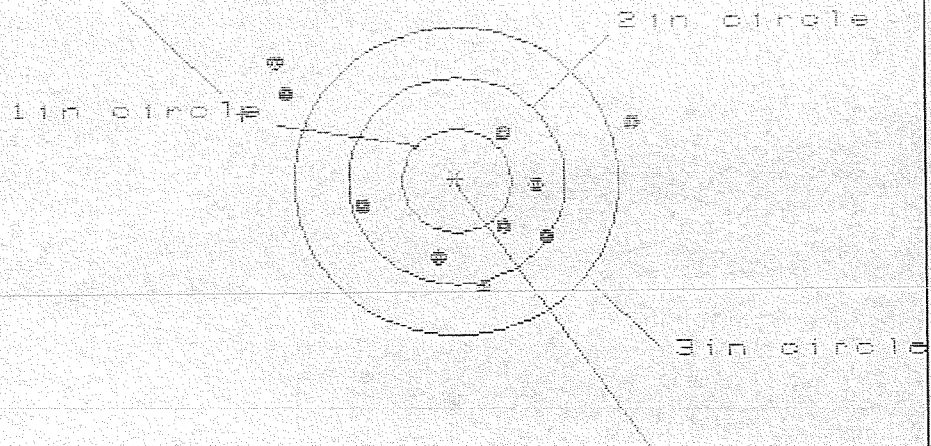
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.091	1.011
MINIMUM X	-1.128	-1.166	-1.246
MAXIMUM Y	1.888	1.618	1.072
MINIMUM Y	-2.425	-1.688	-1.485
CENTROID X	1.389	1.427	1.507
CENTROID Y	-1.331	-1.061	-1.264
POB TO CENTROID in.	1.924	1.779	1.967
MIN RADIUS	.417	.178	.314
MEAN RADIUS	1.345	1.183	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/CB225173

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

PATTERN #	10	9	8
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		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

5 Oct 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225173

CENTERFIRE PATTERNS # 3

POR

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
POR 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 #	4
SHOTS (BEST DF)	10
MAXIMUM X	2.174
MINIMUM X	-0.928
MAXIMUM Y	1.880
MINIMUM Y	-1.336
CENTROID X	2.094
CENTROID Y	-0.404
POA TO CENTROID in.	2.133
MIN RADIUS	0.537
MEAN RADIUS	1.231
MAX RADIUS	2.181
HORIZONTAL SPREAD	3.102
VERTICAL SPREAD	3.216
EXTREME SPREAD	3.253
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 #	1	5	9
SHOTS (BEST OF)	10	9	9
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	5	7
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

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 90-22038
ACCESSORIES	SLING STRAP W/STUDS W/SWIVELS HARD CASE				

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**

BARBER - M24 ~~0009998~~ **009977**

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. 6225173		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO. R95387		5. MODEL M24	
6. NATIONAL STOCK NUMBER 1005-01-240-2136		7A. MAINTENANCE ACTIVITY		8. LEVEL H		9. UTILIZATION CODE Q	
10. MCSR ITEM		11. ERC		12. PACING ITEM		13. HOURS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)		15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)		16. 068 Inoperative		17. 258 Overheating	
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ Normal Op ☐ F Inspection ☐ H Other		☐ 008 Noisy ☐ 387 Low Performance ☐ 790 Out of Adjustment ☐ 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 Reconditioning 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)	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor	
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
23. SUBMITTED BY Jed Magee		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
27. ACCEPTED BY		28. DISPOSITION (Select One)		A To User		D Evacuated	
				B To Stock		E Cannibalization	
				C Salvaged			

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			

BARBER - M24 0009941					DATE	INIT
op. #	OP. NAME	READINGS				
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
	C) Function				21 Aug 89	JS
660	Pack				10/23/89	WB

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	4.72			
PULL #5	4.88			
TOTAL	23.94			
AVG.	4.788			

BARBER - M24 0009943

RECEIVING AND ESTIMATING REPORT

COMMENTS

W/LEUPOLD 10X SCOPE M-24 SNIPER

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

MODEL AND GRADE

ORDER

08/11/89

08/17/89

C6225173

9999

R

89-19578

ACCESSORIES

HARD CASE

SLING STRAP

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

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

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

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

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 & RELOUSE TRIGGER ASSY
5. BENCH TEST - TRIGGER Pull
6. FUNCTION TEST -

PARTS

16935 CHAMBER BRUSH
96114 BORE BRUSH
96115 OIL BOTTLE

PARTS REPLACED:

96146 REAR SIGHT ASSY
THUMB SCREW

REPAIRMAN

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

BARBER - M24 0009943
M2400009982

DA FORM 2407
MAY 81

ORGANIZATION COPY 4

BARBER - M24 0009944 0009983

10/88 BARBER M24 0009945 NEW BARBER
M-24
REWORKED 10/89 CONTRACT # DAAA21-87-C-0086

SCALF #
88-1221

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	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/7/91	RW
	C) Inspect Ejector Hole for Chamfer		5/7/91	RW
	D) Oil Firing Pin Ass'y		5/7/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	D/H

BARBER - M24 0009946		READINGS					DATE	INIT
op. #	OP. NAME							
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

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

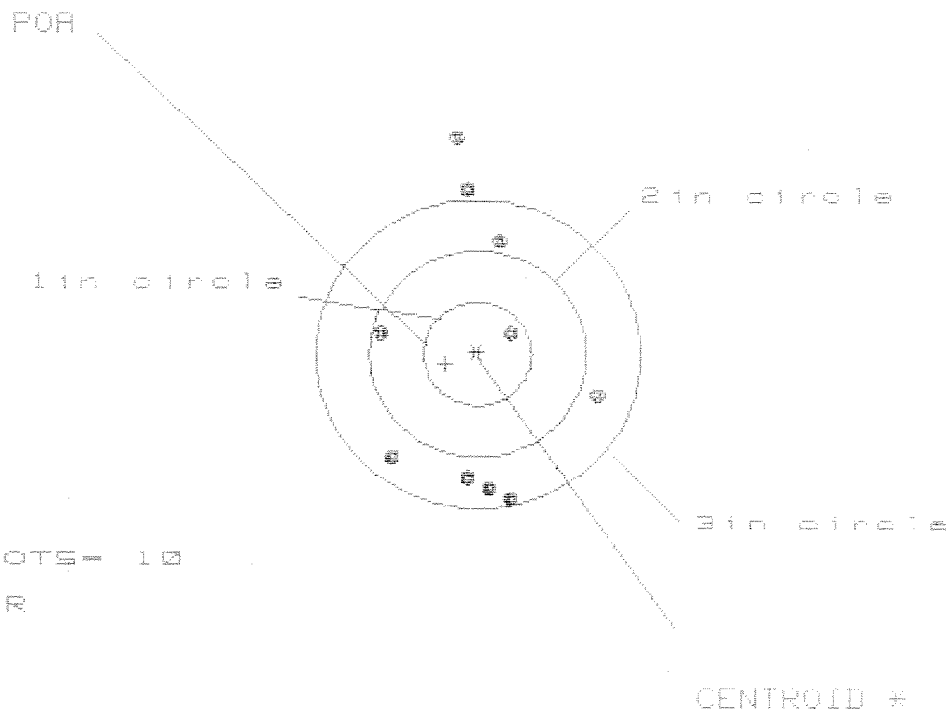
5
312 <----POA

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

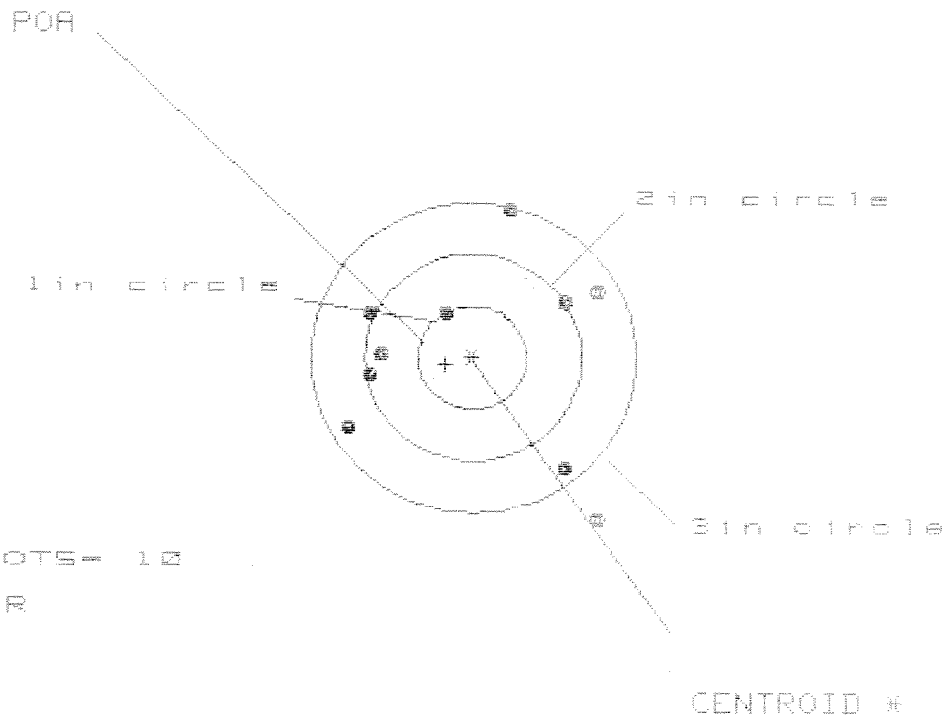
GS= 3.562

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/06225173

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.384

VS= 2.959

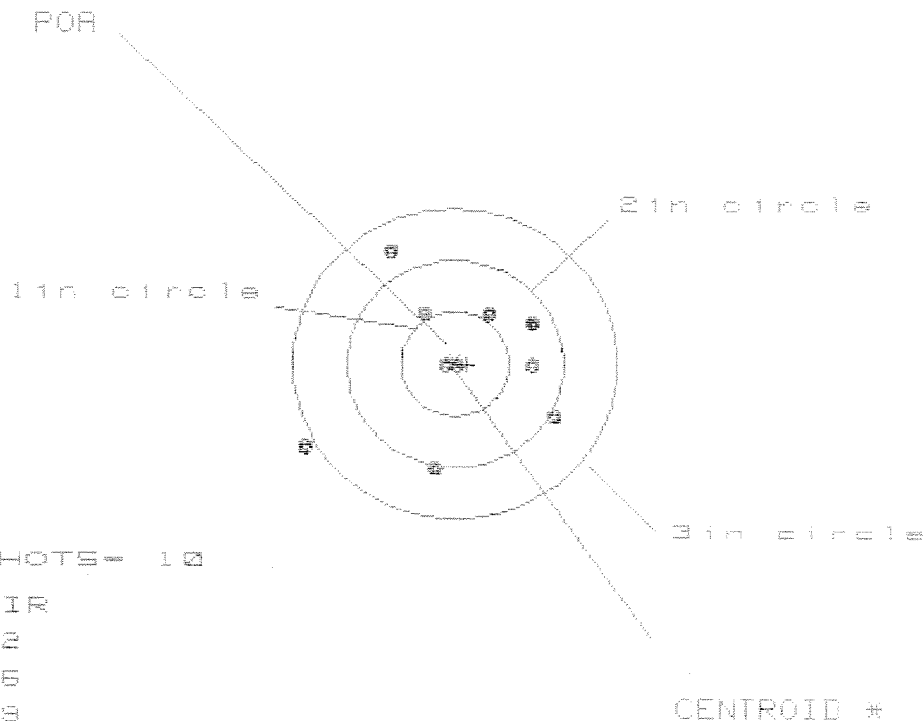
GS= 3.089

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 = 5

3in = 9

HE= 2.382

VS= 2.092

GS= 2.394

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.959	.801	.700
MINIMUM X	-1.423	-.741	-.141
MAXIMUM Y	1.061	.974	.700
MINIMUM Y	-1.031	-1.118	-.934
CENTROID X	-.113	.045	.138
CENTROID Y	.006	.093	-.029
POR 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

POR

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

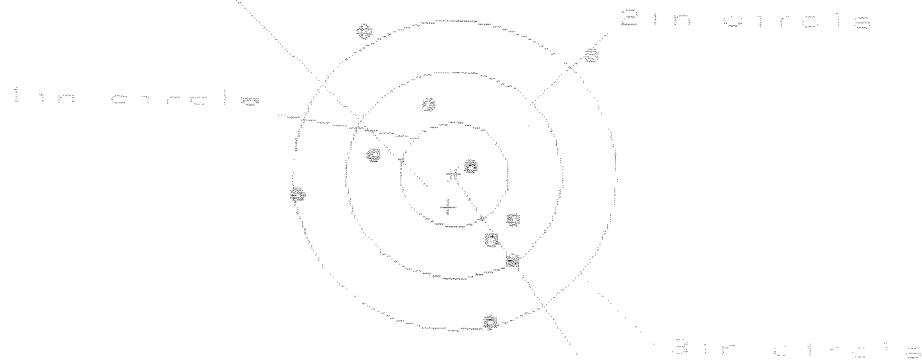
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.325
MINIMUM X	-0.732
MAXIMUM Y	1.972
MINIMUM Y	-0.950
CENTROID X	0.170
CENTROID Y	-0.060
POR TO CENTROID in.	0.180
MIN RADIUS	0.234
MEAN RADIUS	0.924
MAX RADIUS	2.103
HORIZONTAL SPREAD	2.057
VERTICAL SPREAD	2.922
EXTREME SPREAD	2.998
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225179

CENTERFIRE PATTERNS # 5

POR



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 #	1	2	3
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	
POR TO CENTROID in.	.324	.207	
MIN RADIUS	.205	.389	.477
MEAN RADIUS	1.040	.972	.861
MAX RADIUS	1.688	1.672	1.398
HORIZONTAL SPREAD	2.649	2.024	2.024
VERTICAL SPREAD	2.785	2.785	2.103
EXTREME SPREAD	3.040	3.040	2.198
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

MAINTENANCE REQUEST						PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL		
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						1	/	CSGLD - 1047(R1)		
SECTION I - EQUIPMENT DATA										
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD 03		PD AUTHENTICATION <i>Luz Sma</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION CRESCENZ WPNS POOL 544-1625		B LOCATION FT BENNING, GA 31905			C. UNIT IDENT CODE WOU255			
2. SERIAL NO. 06025173		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO. R95387		5. MODEL M74		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY INST MAINT DIV		B. LEVEL H	8. UTILIZATION CODE 0	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) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D 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 ☒ 1099 Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). See Attached 2404, Check the whole weapon system.										
B. REMARKS										
SECTION II - WORK ACCOMPLISHED										
17A. REPAIR ORGANIZATION/ACTIVITY MAINT DIV, DOL FT BENNING, GA 31905				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		
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE (2) REF DESIGN. (3) MFR. CODE			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.				\$	
					.	RX REPARABLE EX			\$	
					.	BENCH STOCK			\$	
					.	OTHER PARTS			\$	
					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		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		
					28. DISPOSITION (Select One) ☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					

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 lost bolt / made sure correct	11/11/67	
	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. #	BARBER - M24 0009959	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						PAGE NO.	NO. OF PAGES	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		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 <i>Rifle Sniper</i>		4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY <i>C6225173</i>		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) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 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). <i>Bolt will not Lock Down</i>										
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) ☐ 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	G. QTY.	H. PARTS COST	
(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)
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated
										☐ B To Stock ☐ E Cannibalization
										☐ C Salvaged

BARBER - M24 0009961

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 06225173	MODEL AND GRADE 700 7.62 M24		ORDER R 91-20319
ACCESSORIES W/STUDS		SCOPE BASE L/FRONT SIGHT W/1 SWIVEL				

FROM:

CRESCENZ WEAPONS POOL
MAINT. DIV. DOL
FORT BENNING
USA

GA 31905

SHIP TO:

CRESCENZ WEAPONS POOL
MAINT. DIV. DOL
FORT BENNING
USA

GA 31905

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA
						R481579431

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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

BARBER - M24 0009961 10000

