

C6225453

MODEL 700TM M24

Model 700 M24TM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-07800

INITIAL CUSTOMER ORDER NO.

M-24 W/ULTRA 10X-M3A SCOPE

FPS

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/19/93	03/19/93	KI 5-88	C6225453		700 7.62 NATO/SWS
ACCESSORIES SLING STRAP W/STUDS W/SWIVELS HARD CASE SCOPE MNTS W/SCOPE BASE					

FROM: SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CUST NO: 059697 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Check, Clean, Repair

PARTS

COMMENTS

Barrel - 96003

Re Zinc Scope Base, Scope Rings,
Swivels & Swivel Studs
Re powder Coat - Floor plate,
Latch, Trigger Guard, Front &
Rear Sight Bases

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	3/22/93	4/1/93	4/2/93	4/2/93	

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00610761115

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		NO. OF PAGES <u>1</u>		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 <u>03</u>		PD AUTHENTICATION <i>[Signature]</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>CONSO1 Equip Pool</u>			B. LOCATION <u>FT. Benning, GA 31905</u>			C. UNIT IDENT CODE <u>W04255</u>			
2. SERIAL NO. <u>662254153</u>		3. NOUN NOMENCLATURE <u>Rifle</u>			4. LINE NO.		5. MODEL <u>M24</u>		6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>		
7A. MAINTENANCE ACTIVITY		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		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <u>SEE ATTACHED 2404</u>											
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)				19. AMS ACCT. CODE	
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	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
										\$	
										\$	
										\$	
										\$	
										\$	
										\$	
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										\$	
										\$	
										\$	
										\$	
										\$	
					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	

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

BARBER - M24 0061879

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
DOC IDENT		RI FROM		M S		STOCK NUMBER		NIN		ADD		QUANTITY		DOCUMENT NUMBER		REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		SIGNAL		FUND		DISTRIBUTION		PROJECT		PRIORITY		REQ'D DEL DATE		ADU		R		UN																																																																																																																																																															
A5AAW1						1005-01-240-2136						EA 00004		W33BQ9		3071-0101						CMBBAN		MGZ								03										51																																																																																																																																																													
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Supply & Services Division Whse 224 Fort Benning, GA 31905-5182												Remington Arms Co Inc ATTN: Custom Shop 14 Hoefer Ave Ilion, NY 13357																								22												205																																																																																																																																																							
WAREHOUSE LOCATION												TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																																																																																																																																																									
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)												FREIGHT CLASSIFICATION NOMENCLATURE												SN #C6225403, C6348795, C6225453																																																																																																																																																																															
ITEM NOMENCLATURE												RIFLE 7.62 MM M24 (Sniper)												C6225453																																																																																																																																																																															
SELECTED BY AND DATE												TYPE OF CONTAINER(S)		TOTAL WEIGHT		RECEIVED BY AND DATE		INSPECTED BY AND DATE																																																																																																																																																																																					
PACKED BY AND DATE												NO OF CONTAINER(S)		TOTAL CUBE		WAREHOUSED BY AND DATE		WAREHOUSE LOCATION																																																																																																																																																																																					
REMARKS												SHIP US REGISTERED RETURN RECEIPT REQUESTED																																																																																																																																																																																											
FIRST DESTINATION ADDRESS												DATE SHIPPED												RECEIVER'S DOCUMENT NUMBER																																																																																																																																																																															
TRANSPORTATION CHARGEABLE TO												BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)												RECEIVER'S DOCUMENT NUMBER																																																																																																																																																																															

DD Form 1348-1, SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DO

PREPARED 15 MAR 93

DODSASP SHIPMENT LISTING

PCN AHA-091

SHIPPED TO: CMBBAN SHIPPED FROM: W338Q9

DIC	RIC	TRANS CODE	STOCK NUMBER	DOCUMENT NUMBER	SHIPPED TO	SHIPPED FROM	SERIAL NUMBER	TRANS DATE
DSM	B14	S	1005012402136	W338Q930710101	CMBBAN	W338Q9	00006225111	93074
DSM	B14	S	1005012402136	W338Q930710101	CMBBAN	W338Q9	00006225403	93074
DSM	B14	S	1005012402136	W338Q930710101	CMBBAN	W338Q9	00006225453	93074
DSM	B14	S	1005012402136	W338Q930710101	CMBBAN	W338Q9	00006348795	93074

TOTAL NUMBER SHIPPED 4

END PAGE 1

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225453

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/22/93	RW
600	Proof		3/22/93	RW
607	Check Headspace		3/22/93	RW
610	Dis-assemble Gun		3/22/93	RW
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		4/1/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/93	RW
	C) Inspect Ejector Hole for Chamfer		4/1/93	RW
	D) Oil Firing Pin Ass'y		4/1/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Op. #	OP. NAME				
625 cont.	BARBER - M24 0061084				
	F) Safety On Force				
	G) Safety Off Force				
	H) Trigger Pull Test & Retainability				
	I) Firing Pin Indent				
	J) Assemble Stock			4/1/93	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			4/1/93	RW
	P) Detach & Attach Scope 20 Times				
640	Gallery Target & Test			4/2/95	RW
	A) Time				
	B) Malfunctions				
	C) Pierced Primers				
	D) Optical Clarity of Scope				
645	Inspect for Live Ammo			4/2/95	RW
655	Final Inspection				
	A) Headspace			4/3/93	RW
	B) Trigger Pull				
	C) Function			4/2/93	RW
660	Pack				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225453
3 Apr 1993

CENTROIDAL DISTANCES

0 TO	1	.245524
1 TO	2	.370827
1 TO	3	.373273
1 TO	4	.283868
1 TO	5	.359685

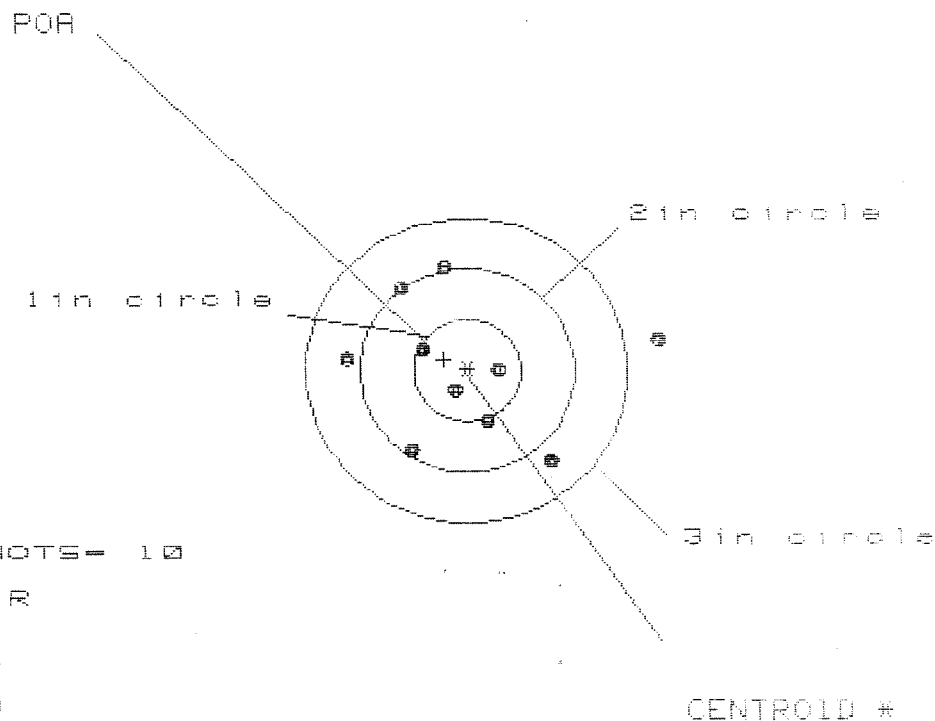
91 (----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0362
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .036200
THE AMR FOR THIS RIFLE IS: .0732

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225453

CENTERFIRE PATTERNS # 1

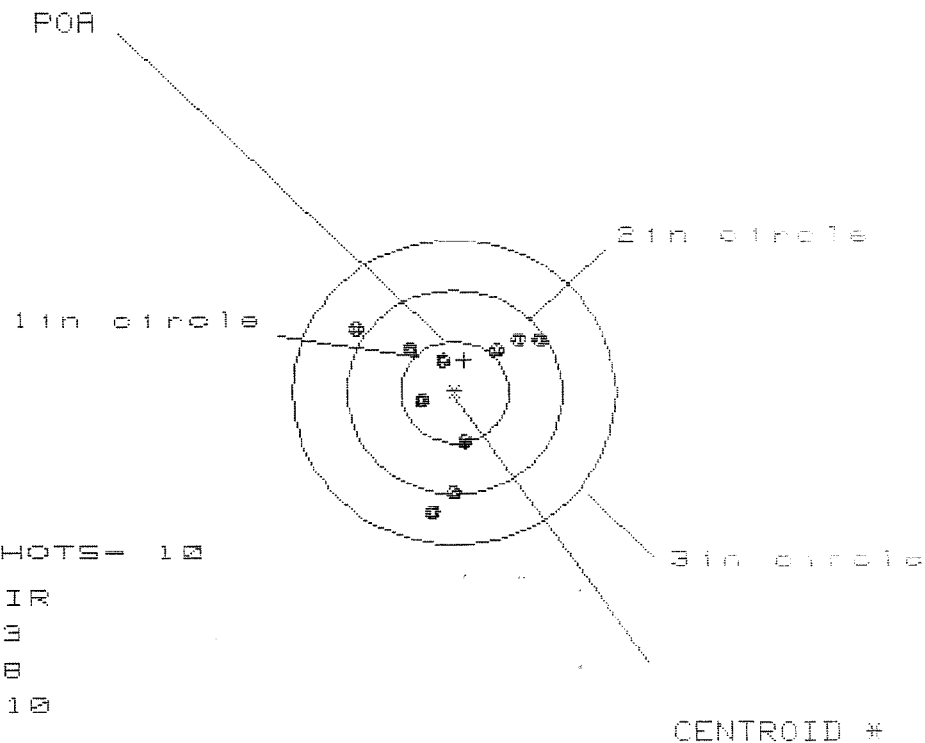


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.787	.998	.591
MINIMUM X	-1.162	-.963	-.838
MAXIMUM Y	1.029	1.068	.957
MINIMUM Y	-.929	-.890	-.908
CENTROID X	.219	.020	-.105
CENTROID Y	-.111	-.150	-.039
POA TO CENTROID in.	.245	.152	.112
MIN RADIUS	.217	.137	.152
MEAN RADIUS	.865	.736	.659
MAX RADIUS	1.822	1.337	.900
HORIZONTAL SPREAD	2.949	1.961	1.429
VERTICAL SPREAD	1.958	1.958	1.865
EXTREME SPREAD	2.962	2.217	1.884
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225453

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.716

VS= 1.861

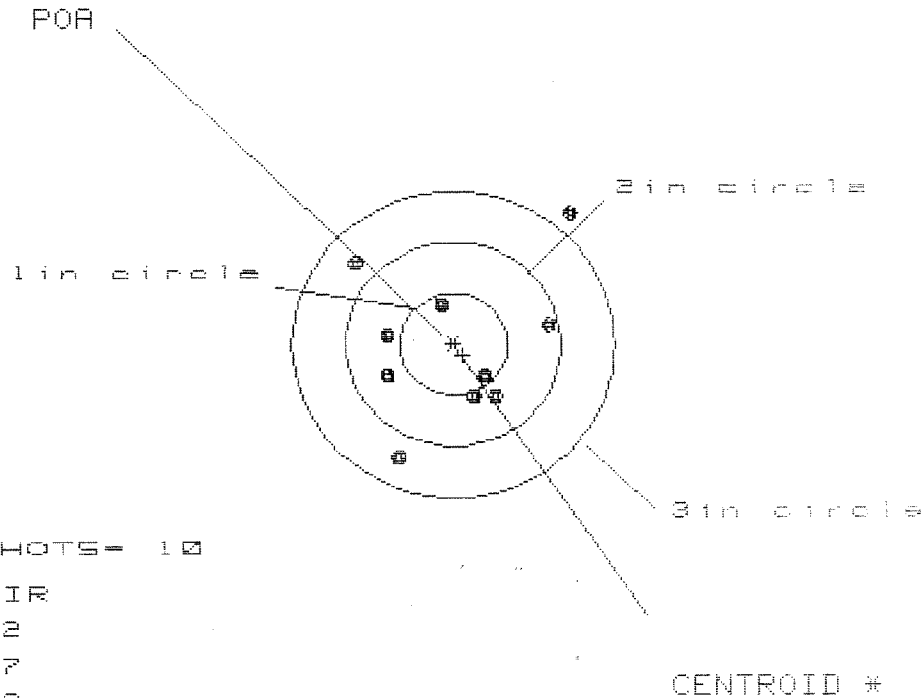
GS= 1.992

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.820	.795	.680
MINIMUM X	-.896	-.921	-.557
MAXIMUM Y	.642	.507	.466
MINIMUM Y	-1.219	-1.122	-1.059
CENTROID X	-.088	-.063	.052
CENTROID Y	-.319	-.184	-.247
POA TO CENTROID in.	.331	.194	.252
MIN RADIUS	.338	.216	.331
MEAN RADIUS	.740	.666	.621
MAX RADIUS	1.238	1.122	1.067
HORIZONTAL SPREAD	1.716	1.716	1.237
VERTICAL SPREAD	1.861	1.629	1.525
EXTREME SPREAD	1.992	1.862	1.679
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/CS225453

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.929

VS= 2.381

GS= 2.854

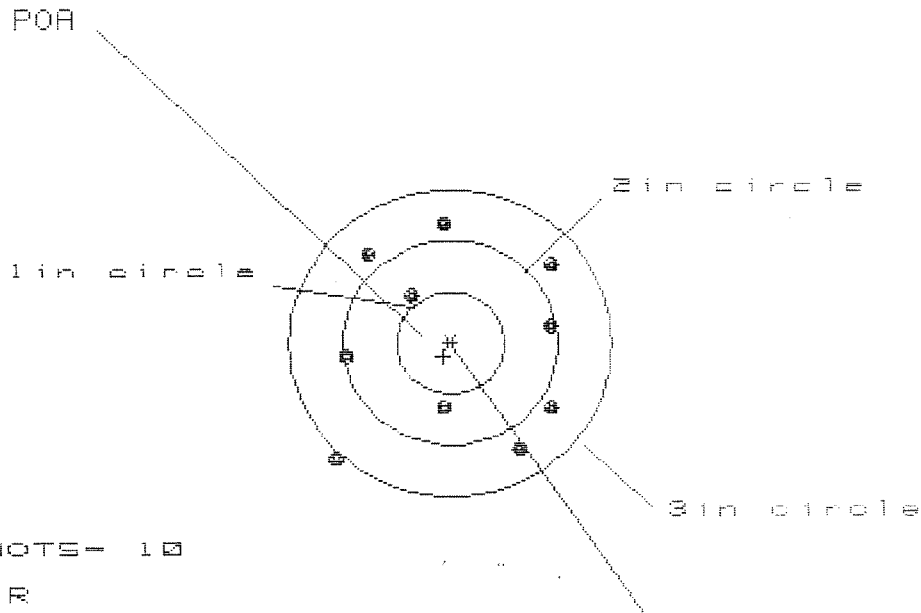
CENTROID *

PATTERN #	3	4	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.058	1.002	.952
MINIMUM X	-.871	-.753	-.803
MAXIMUM Y	1.260	.976	.853
MINIMUM Y	-1.121	-.981	-.589
CENTROID X	-.084	-.202	-.152
CENTROID Y	.107	-.033	.090
POA TO CENTROID in.	.136	.204	.176
MIN RADIUS	.413	.428	.421
MEAN RADIUS	.833	.722	.679
MAX RADIUS	1.645	1.233	1.172
HORIZONTAL SPREAD	1.929	1.755	1.755
VERTICAL SPREAD	2.381	1.957	1.362
EXTREME SPREAD	2.854	1.989	1.880
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225453

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.009

VS= 2.355

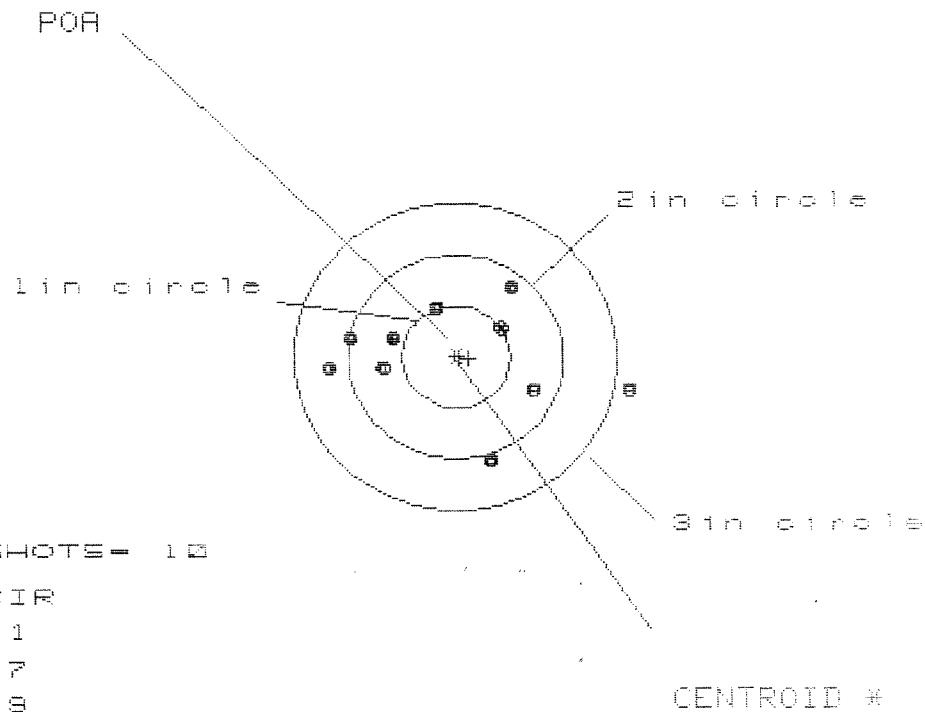
GS= 2.763

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.943	.824	.799
MINIMUM X	-1.066	-1.089	-1.114
MAXIMUM Y	1.215	1.088	.843
MINIMUM Y	-1.140	-1.122	-.986
CENTROID X	.069	.188	.213
CENTROID Y	.130	.257	.121
POA TO CENTROID in.	.148	.318	.245
MIN RADIUS	.586	.595	.628
MEAN RADIUS	1.055	.989	.965
MAX RADIUS	1.561	1.222	1.257
HORIZONTAL SPREAD	2.009	1.913	1.913
VERTICAL SPREAD	2.355	2.210	1.829
EXTREME SPREAD	2.763	2.312	2.298
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225453

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.747

VS= 1.703

GS= 2.753

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.587	.915	.792
MINIMUM X	-1.160	-.984	-.914
MAXIMUM Y	.729	.691	.667
MINIMUM Y	-.974	-1.012	-1.036
CENTROID X	-.119	-.295	-.172
CENTROID Y	.012	.050	.074
POA TO CENTROID in.	.119	.299	.187
MIN RADIUS	.462	.407	.449
MEAN RADIUS	.873	.760	.730
MAX RADIUS	1.622	1.128	1.102
HORIZONTAL SPREAD	2.747	1.899	1.706
VERTICAL SPREAD	1.703	1.703	1.703
EXTREME SPREAD	2.753	1.904	1.779
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06225453

DATE 7/28/89

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.16		2.30	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24		2.40	2.23	
PULL #3	2.17		2.43	2.21	
PULL #4	2.40		2.23	2.22	
PULL #5	2.30		2.30	2.27	
TOTAL	11.27		11.66	11.21	
AVG.	2.254		2.332	2.242	

	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	4.04			
PULL #2	3.99			
PULL #3	4.23			
PULL #4	4.18			
PULL #5	4.09			
TOTAL	20.53			
AVG.	4.106			

5091

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225453*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>2/1</i>	<i>FB</i>
600	PROOF	<i>2/2/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/8/88</i>	<i>PJC.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>PJC.</i>
620	COATING	<i>8/11/88</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225453

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		8/22/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/22/88	RW
	C) Inspect Ejector Hole for Chamfer		8/22/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/22/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		23aug88	Ju. + J.S.
	F) Safety on Force	4.75 4.5 4.5	23aug88	Ju. + J.S.
	G) Safety off Force	3 2.75 3	23aug88	Ju. + J.S.
	H) Trigger Pull Test & Retainability		23aug88	Ju. + J.S.
	I) Firing Pin Indent	.0215 .022 .022	23aug88	Ju. + J.S.
	J) Assemble Stock		8/24/88	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		9/6/88	RW
	M) Iron Sight Alignment		9/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/6/88	RW
	O) Attach Scope to Rifle	62R 94L 48E	9/8/88	RW
	P) Detach & Attach Scope 20 times		9/8/88	W.B.
640	Gallery Target & Test	.1320	9/9/88	A.C.
	A) Optical Clarity of Scope	OK		
645	Inspect for Live Ammo		9/9/88	AC
655	Final Inspection			
	A) Headspace	OK	9/30/88	J.S.
	B) Trigger Pull	OK	9/30/88	J.S.
	C) Function	OK	9/30/88	J.S.
660	Pack		10-20-88	J.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6725156DATE 5/3/89TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.43	2.11	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.45	2.25	2.87	
PULL #3	2.36	2.32	2.29	2.64	
PULL #4	2.38	2.43	2.38	2.85	
PULL #5	2.43	2.41	2.36	2.89	
TOTAL	12.15	12.04	11.39	14.03	
AVG.	2.43	2.41	2.28	2.806	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.18		
PULL #2	3.37	3.13		
PULL #3	3.29	3.15		
PULL #4	3.40	3.17		
PULL #5	3.32	3.08		
TOTAL	16.51	15.71		
AVG.	3.30	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.12		4.14
PULL #2	4.47	4.50		4.24
PULL #3	4.49	4.52		4.16
PULL #4	4.45	4.16		4.21
PULL #5	4.54	4.50		4.25
TOTAL	21.99	21.80		21.00
AVG.	4.40	4.36		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225453

CENTROIDAL DISTANCES

0 TO	1	1.34091
1 TO	2	1.23486
1 TO	3	.338143
1 TO	4	.606862
1 TO	5	1.59535

2 5

$\frac{1}{2.4}$

+

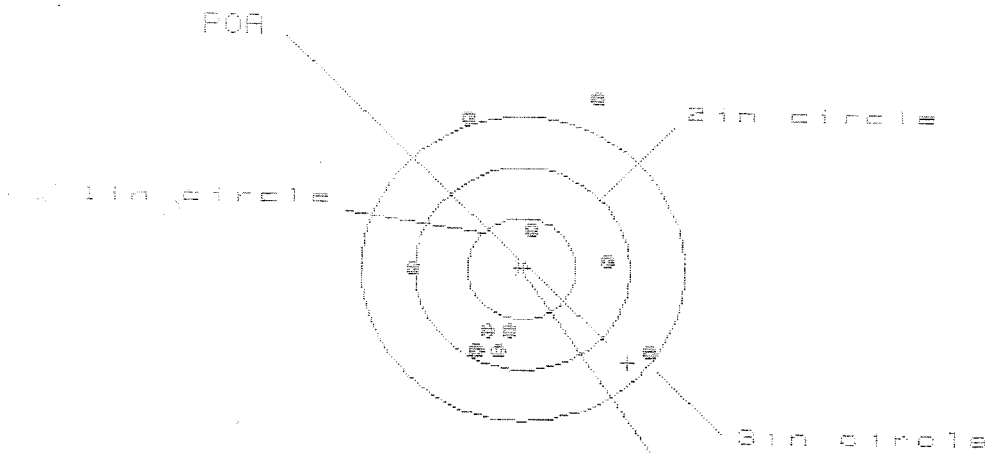
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6746
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.274
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.44158
THE AMR FOR THIS RIFLE IS: .9132

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225453

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 2.185

VS= 2.516

GS= 2.828

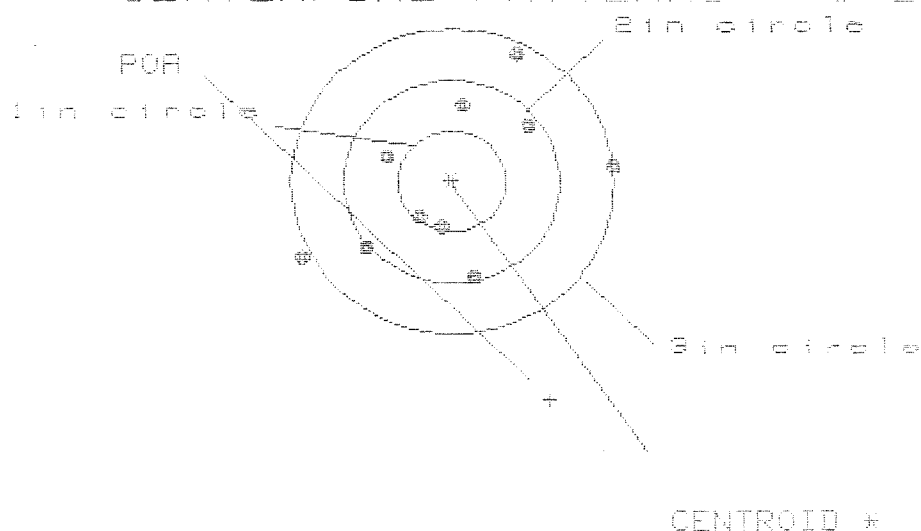
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.147	1.220	1.163
MINIMUM X	-1.048	-0.975	-1.032
MAXIMUM Y	1.672	1.654	1.797
MINIMUM Y	-0.844	-0.658	-0.451
CENTROID X	-0.983	-1.056	-0.999
CENTROID Y	0.912	0.726	0.519
POA TO CENTROID in.	1.341	1.281	1.126
MIN RADIUS	0.414	0.447	0.269
MEAN RADIUS	1.014	0.881	0.729
MAX RADIUS	1.797	1.716	1.336
HORIZONTAL SPREAD	2.195	2.195	2.195
VERTICAL SPREAD	2.516	2.312	1.248
EXTREME SPREAD	2.828	2.828	2.334
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	3		

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225453

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.941

VS= 2.221

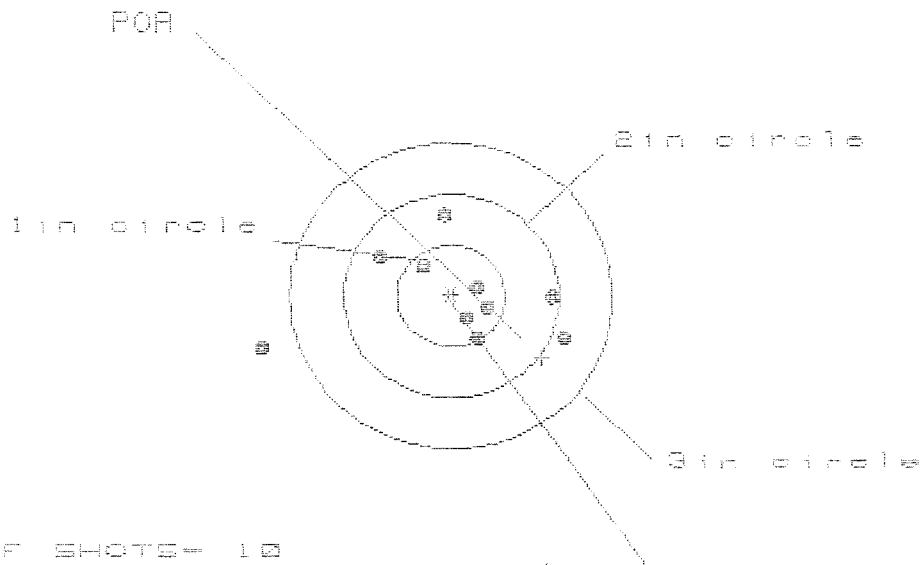
GS= 3.074

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.523	1.365	1.716
MINIMUM X	-1.418	-1.977	-1.886
MAXIMUM Y	1.265	1.187	1.201
MINIMUM Y	-1.956	-1.834	-1.028
CENTROID X	-1.899	-1.741	-1.912
CENTROID Y	2.144	2.222	2.286
POA TO CENTROID in.	2.325	2.342	2.389
MIN RADIUS	.416	.540	.479
MEAN RADIUS	.980	.922	.839
MAX RADIUS	1.582	1.370	1.364
HORIZONTAL SPREAD	2.941	2.342	1.522
VERTICAL SPREAD	2.221	2.221	2.221
EXTREME SPREAD	3.074	2.489	2.402
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225453

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 5

2 in - 8

3 in - 9

HS- 2.748

VS- 1.343

GS- 2.749

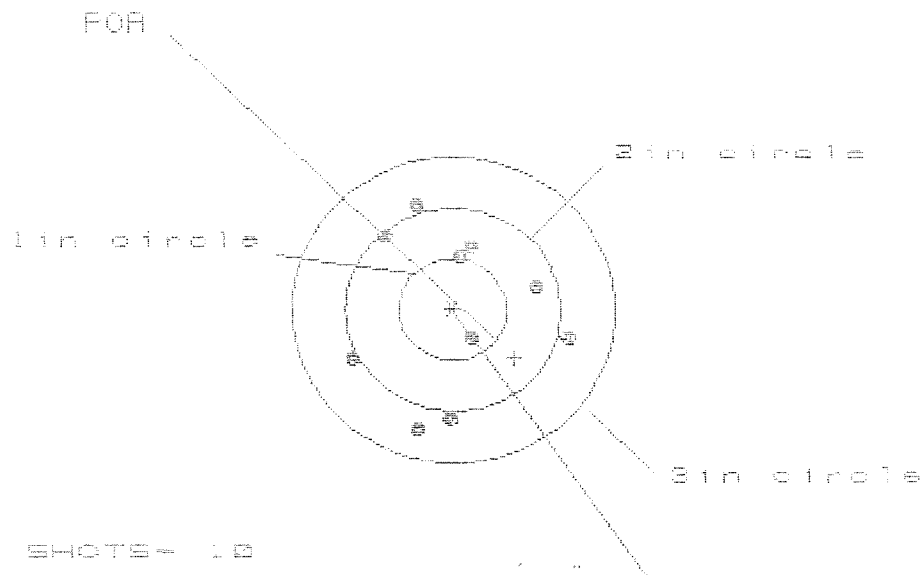
CENTROID +

PATTERN #	3	4	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.018	.926	.819
MINIMUM X	-1.730	-.871	-.768
MAXIMUM Y	.841	.785	.723
MINIMUM Y	-.582	-.498	-.528
CENTROID X	-.837	-.645	-.748
CENTROID Y	.607	.663	.725
POA TO CENTROID in.	1.034	.925	1.042
MIN RADIUS	.237	.081	.106
MEAN RADIUS	.718	.562	.518
MAX RADIUS	1.801	.965	.829
HORIZONTAL SPREAD	2.748	1.597	1.587
VERTICAL SPREAD	1.343	1.283	1.251
EXTREME SPREAD	2.749	1.900	1.641
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225453

CENTERFIRE PATTERNS # 4



+ OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.025

VS= 2.135

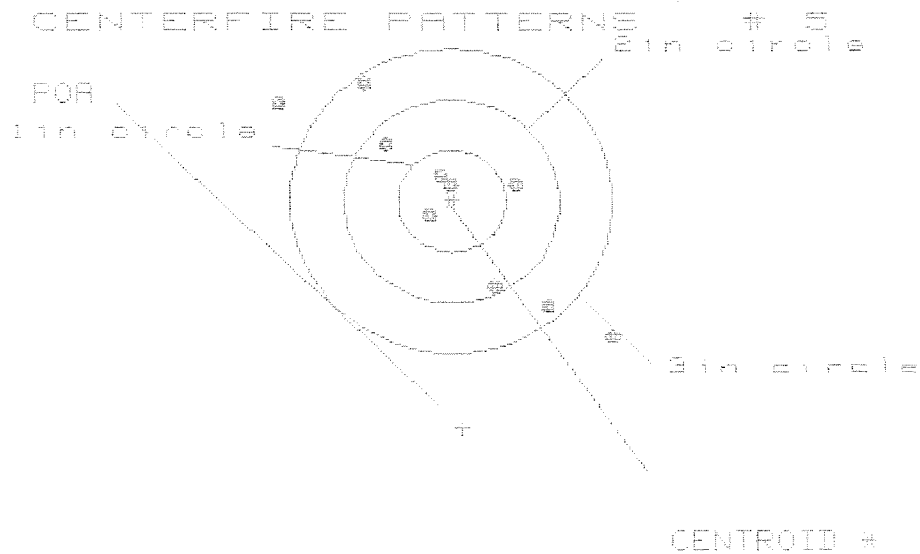
GS= 2.135

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.049	1.017	.878
MINIMUM X	-.957	-.989	-.862
MAXIMUM Y	.989	.862	.811
MINIMUM Y	-1.146	-1.195	-1.245
CENTROID X	-.564	-.532	-.659
CENTROID Y	.473	.600	.650
FOR TO CENTROID in.	.736	.802	.926
MIN RADIUS	.324	.417	.396
MEAN RADIUS	.879	.825	.785
MAX RADIUS	1.182	1.195	1.250
HORIZONTAL SPREAD	2.006	2.006	1.740
VERTICAL SPREAD	2.135	2.057	2.057
EXTREME SPREAD	2.135	2.084	2.084
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06825453



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.054

VS= 2.481

GS= 3.813

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.473	1.041	.865
MINIMUM X	-1.576	-1.412	-.851
MAXIMUM Y	1.179	1.034	1.139
MINIMUM Y	-1.382	-1.133	-1.028
CENTROID X	-.090	-.254	-.078
CENTROID Y	2.234	2.379	2.274
FOR TO CENTROID in.	2.236	2.392	2.276
MIN RADIUS	.213	.145	.172
MEAN RADIUS	.975	.846	.735
MAX RADIUS	1.970	1.641	1.422
HORIZONTAL SPREAD	3.054	2.453	1.716
VERTICAL SPREAD	2.481	2.167	2.167
EXTREME SPREAD	3.813	3.145	2.764
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6725453

OP. #	OP. NAME	READINGS	DATE	INIT
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 <i>RB</i>		<i>7/24/89</i>	<i>WB</i>
620	Apply Coatings (Barrel Action)		<i>9/25/89</i>	<i>TA</i>
	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		<i>7/28/89</i>	<i>JO</i>

op. #	BARBER - M24 0061104 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/28/89	JU
	I) Firing Pin Indent							
	J) Assemble Stock						7/21/89	RW
	K) Assemble Swivel Studs						7/21/89	WLB
	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						8/6/89	JR
	A) Headspace							
	B) Trigger Pull	2.28	2.23	2.21	2.22	2.27	8/10/89	JR
	C) Function						8/10/89	JR
660	Pack						8/23/89	WLB

BARBER - M24 0061105

SNIPER M-24 W/10X LEUPOLD SCOPE

JJM

ORDER

R

HARD CASE

BARBER - M24 0061189

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		NO. OF PAGES <u>1</u>		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 <u>03</u>		PD AUTHENTICATION <u>[Signature]</u>			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>Weapons Pool Br</u> <u>Maint Div, DOL</u>		B. LOCATION <u>Bldg 9106</u> <u>Ft. Benning, GA 31905</u>				C. UNIT IDENT CODE <u>W04255</u>			
2. SERIAL NO. <u>C6225453</u>		3. NOUN NOMENCLATURE <u>Rifle Sniper</u>		4. LINE NO. <u>R95387</u>		5. MODEL <u>M24</u>		6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>			
7A. MAINTENANCE ACTIVITY		B. LEVEL <u>H</u>		8. UTILIZATION CODE <u>Q</u>		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM	
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		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <u>Paint Peeling off Barrel, Stock Fibers wearing through</u>											
B. REMARKS <u>Reconditioning Not done - Rifle checked and repaired for Function Only - Remington Arm Co.</u>											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
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	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											
23. SUBMITTED BY <u>[Signature]</u>		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	

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00008584

Serial: C6225453 Model 700 Center Fire Caliber:
7.62 M-24 (SWS)

Repairman:

Status:

Closed 4/27/00 7:50:39 AM

Verify Repair

E6413496

Address Information

Customer:

☒ Received From

Return To:

☒ Received From

Name: SUPPLY DIVISION

SUPPLY DIVISION

Address 1: USAIC BLDG. 490

USAIC BLDG. 490

Address 2: PO Box:

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition: SER.#C6225453 WAS
Notes: SHIPPED IN SAME HARD
CASE AS SER.#B6896599CSR
Notes:

Accessories Received

Code	Desc	Qty
	W/ SER.#B6896599	1
A010	Hard Case, WAS SHIP	1
A026	Scope	1

Repair Search

Refresh

Close

nagletj

4/27/00

12:45 PM

CAPS

NUM

INS

SCRL



12:45 PM

Serial Number:

C6225453

Model: 700



RE00008584

Scope S/M 89-0613

96001 - BBL ASSY
 96018 - Stock ASSY
 96006 - BOIT
 96082 - Scope Rings ASSY (2)
 96036 - Scope Base

BARBER - M24 0061108

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225453
21 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1394
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1842
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231002

THE AMR FOR THIS RIFLE IS: 1.208

CENTROIDAL DISTANCES

0 TO	1	.311411
1 TO	2	.2441
1 TO	3	.18288
1 TO	4	.913745
1 TO	5	.186625

4 3 1
 # <----POA

REMINGTON CENTERFIRE ACCURACY TEST

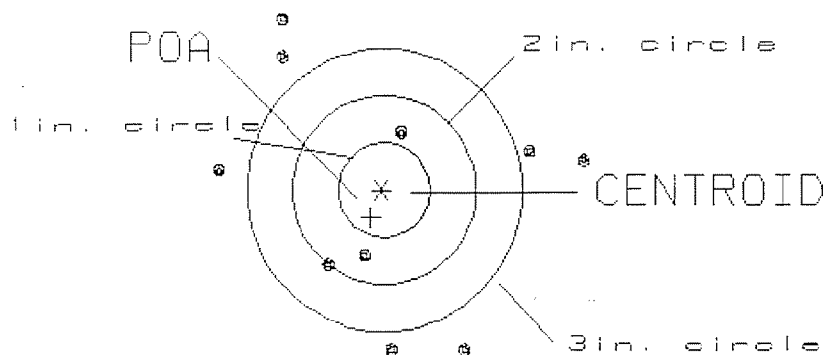
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .311
 MIN RADIUS : .648
 MEAN RADIUS : 1.546
 MAX RADIUS : 2.209
 CENTROID X : .116
 CENTROID Y : .289

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225453

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.99

0

VS= 3.52

2

GS= 4.00

3

REMINGTON CENTERFIRE ACCURACY TEST

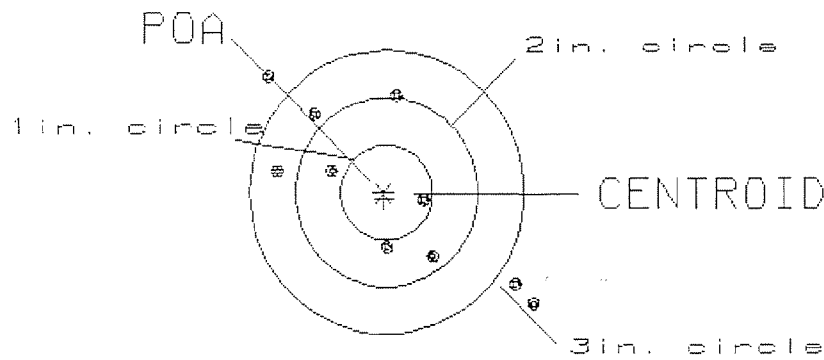
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .077
 MIN RADIUS : .399
 MEAN RADIUS : 1.128
 MAX RADIUS : 1.996
 CENTROID X : -.005
 CENTROID Y : .077

21 Aug 2000

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225453

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.93

1

VS= 2.41

4

GS= 3.79

7

REMINGTON CENTERFIRE ACCURACY TEST

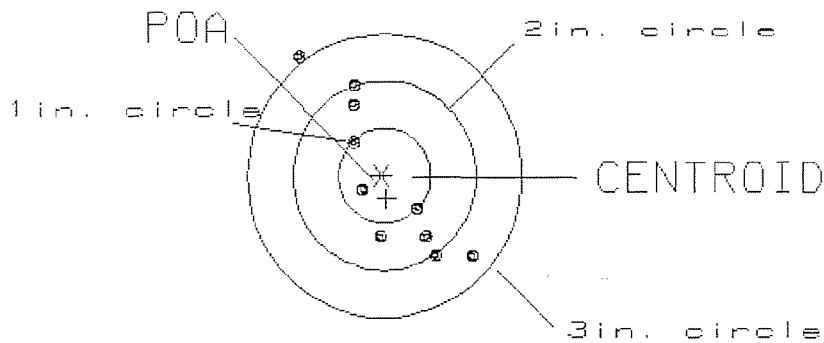
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .251
 MIN RADIUS : .304
 MEAN RADIUS : .843
 MAX RADIUS : 1.607
 CENTROID X : -.061
 CENTROID Y : .243

21 Aug 2000

FILE:/Hptbasic/Accuracy/Patterning/Centerfire_Patt/c6225453

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.90
 VS= 2.14
 GS= 2.83

1
 7
 2

REMINGTON CENTERFIRE ACCURACY TEST

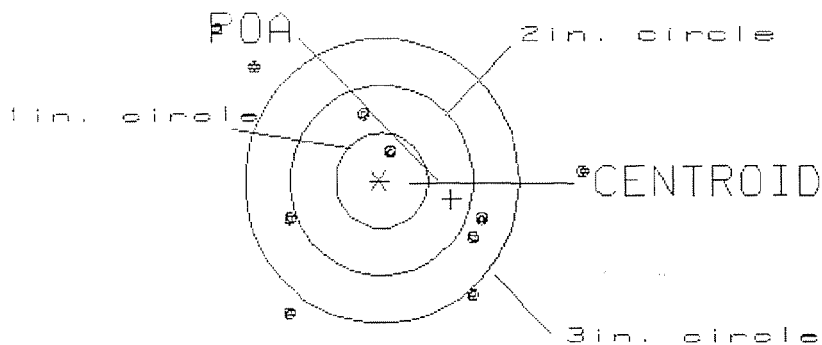
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .817
 MIN RADIUS : .338
 MEAN RADIUS : 1.413
 MAX RADIUS : 2.382
 CENTROID X : -.793
 CENTROID Y : .196

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225453

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.98
 VS= 2.96
 GS= 4.24

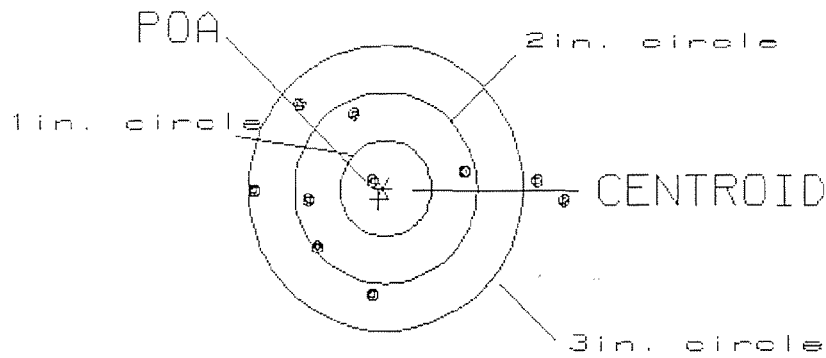
1
 2
 5

PATTERN #: 5
 POA TO CENTROID: .125
 MIN RADIUS : .143
 MEAN RADIUS : 1.110
 MAX RADIUS : 1.953
 CENTROID X : .046
 CENTROID Y : .116

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225453

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.36

1

VS= 2.03

5

GS= 3.36

8

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		8584	
SERIAL NUMBER		66-55 6413496	
LOG-IN DATE		4-24-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-27-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-2-00	RW
605	CHECK HEADSPACE	5-2-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-21-00	RW
655	FINAL INSPECT	8-22-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

FINAL Inspection

Sn: E6413496

DATE REC'D: 4-24-00

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ SCREWS
- ☒ FINISH
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-350
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: