

C6225298

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Small handwritten mark or signature.

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225298
11 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0694$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.073$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.100724$

THE AMR FOR THIS RIFLE IS: 1.367

CENTROIDAL DISTANCES

0 TO	1	.241249
1 TO	2	.415124
1 TO	3	.536956
1 TO	4	.13132
1 TO	5	.194165

3
2
1 4⁺ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

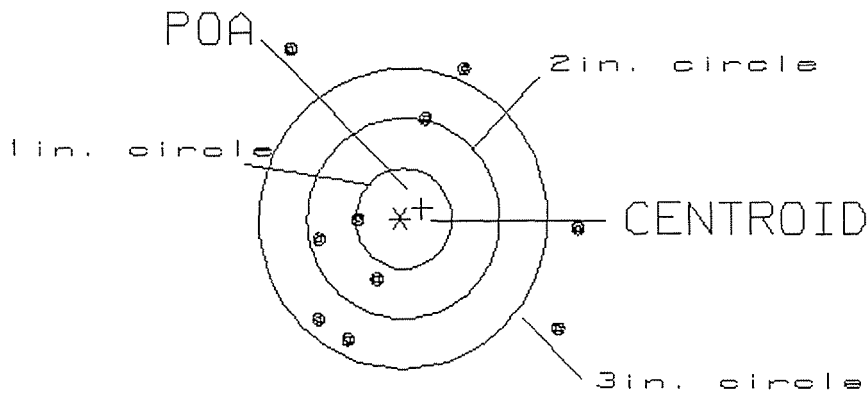
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .241
 MIN RADIUS : .477
 MEAN RADIUS : 1.329
 MAX RADIUS : 2.090
 CENTROID X : -.220
 CENTROID Y : -.099

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225298

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.04
 VS= 2.92
 GS= 3.93

1
 4
 6

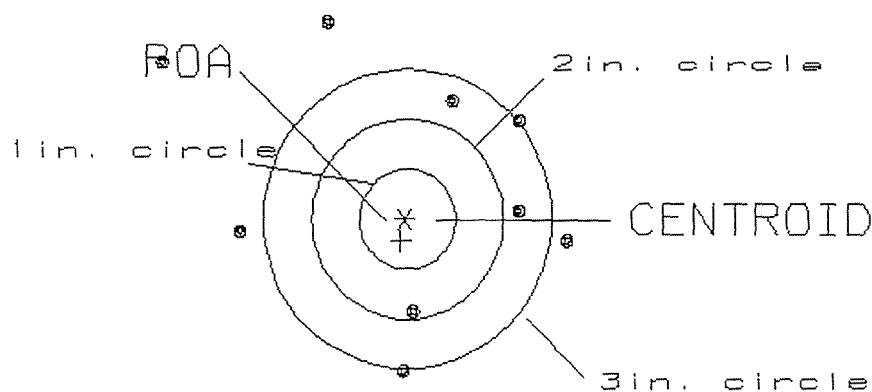
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .227
 MIN RADIUS : .902
 MEAN RADIUS : 1.779
 MAX RADIUS : 2.931
 CENTROID X : .042
 CENTROID Y : .223

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225298

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.14

0

VS= 4.80

1

GS= 5.36

3

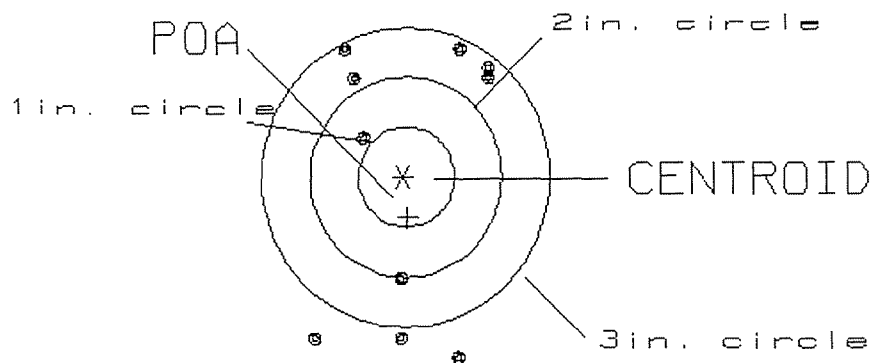
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .413
 MIN RADIUS : .594
 MEAN RADIUS : 1.358
 MAX RADIUS : 1.844
 CENTROID X : -.049
 CENTROID Y : .410

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225298

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.77
 VS= 3.08
 GS= 3.25

0
 1
 7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

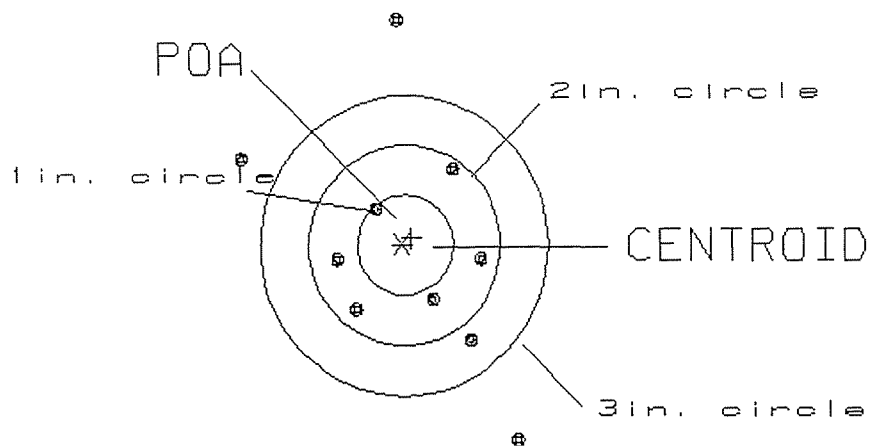
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .112
 MIN RADIUS : .485
 MEAN RADIUS : 1.196
 MAX RADIUS : 2.311
 CENTROID X : -.094
 CENTROID Y : -.062

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225298

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.96
 VS= 4.26
 GS= 4.47

1
 6
 7

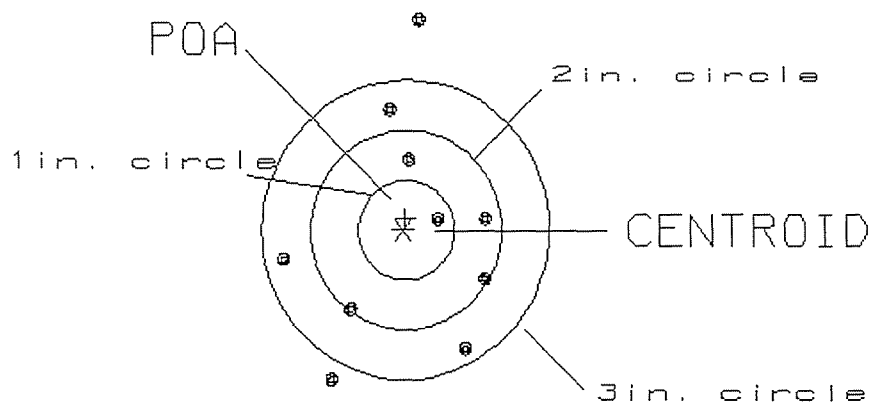
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .110
 MIN RADIUS : .362
 MEAN RADIUS : 1.172
 MAX RADIUS : 2.144
 CENTROID X : -.026
 CENTROID Y : -.107

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225298

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.11
 VS= 3.64
 GS= 3.74

1
 3
 8

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225298
16 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0198
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2752
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .275911

THE AMR FOR THIS RIFLE IS: .9798

CENTROIDAL DISTANCES

0	TO	1	.361931
1	TO	2	.192754
1	TO	3	.197312
1	TO	4	.350077
1	TO	5	.377774

+ <----POA
4 2 3
1
5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

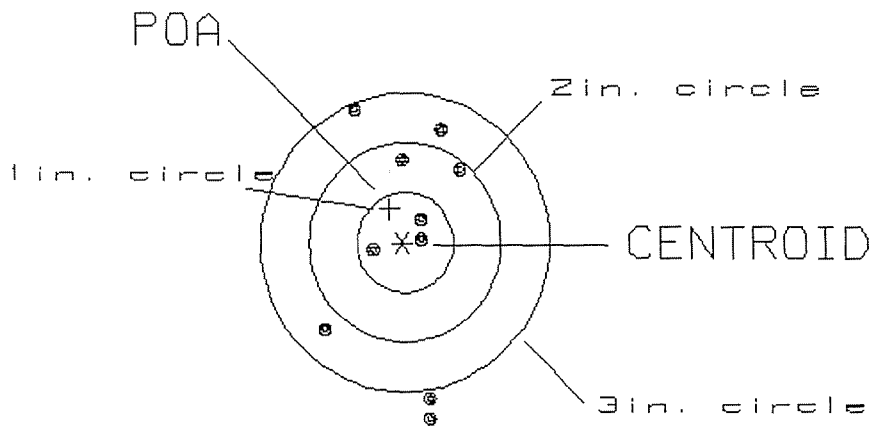
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .362
 MIN RADIUS : .212
 MEAN RADIUS : .971
 MAX RADIUS : 1.786
 CENTROID X : .137
 CENTROID Y : -.335

16 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225298.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.35
 VS= 3.13
 GS= 3.23

3
 5
 8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .208

MIN RADIUS : .477

MEAN RADIUS : 1.034

MAX RADIUS : 1.492

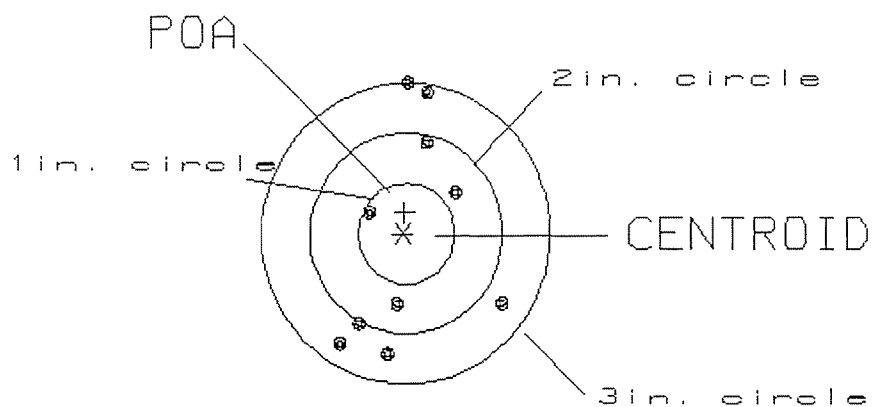
CENTROID X : -.008

CENTROID Y : -.208

16 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225298.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.66

1

VS= 2.68

4

GS= 2.69

10

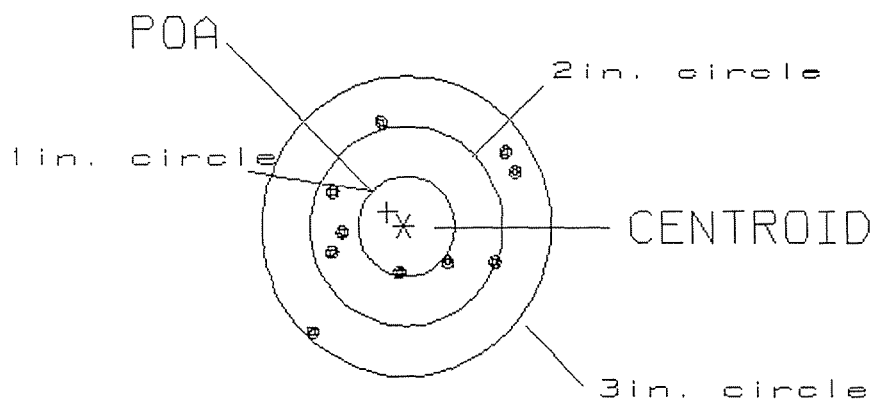
PATTERN #: 3

POA TO CENTROID: .223
 MIN RADIUS : .429
 MEAN RADIUS : .937
 MAX RADIUS : 1.423
 CENTROID X : .173
 CENTROID Y : -.141

16 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225298.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.07

1

VS= 2.11

5

GS= 2.65

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .283

MIN RADIUS : .215

MEAN RADIUS : .949

MAX RADIUS : 1.790

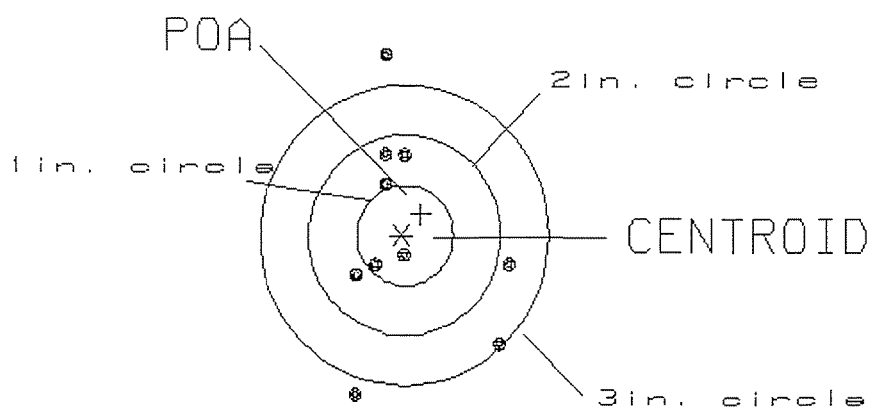
CENTROID X : -.190

CENTROID Y : -.210

16 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225298.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.65

2

VS= 3.38

6

GS= 3.39

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .526

MIN RADIUS : .339

MEAN RADIUS : 1.008

MAX RADIUS : 2.343

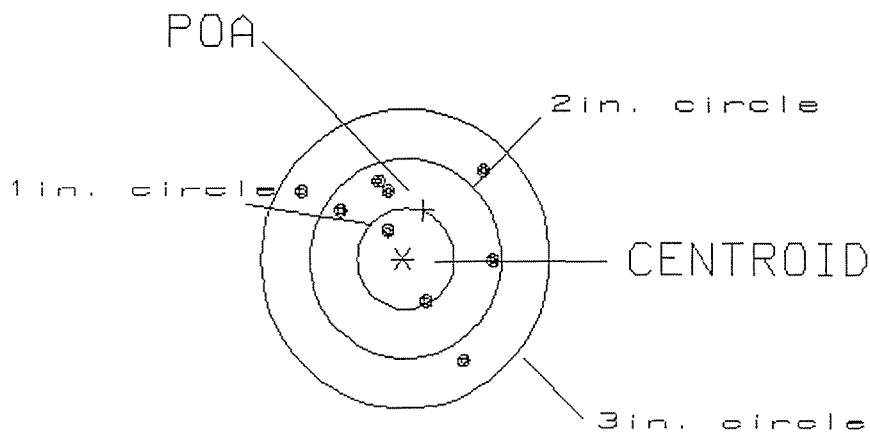
CENTROID X : -.211

CENTROID Y : -.482

16 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT KEY 1c6225298

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.98

2

VS= 3.26

6

GS= 3.40

9

M-24

Score 0132

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225298

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	ES
617	Drill and Tap Sight Holes	4 27	89	FB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/7/89	ES
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/89	RW
	C) Inspect Ejector Hole for Chamfer		5/10/89	RW
	D) Oil Firing Pin Ass'y		5/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/17/89	ES

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/17/89	JE
	G) Safety Off Force	3	2	2			5/17/89	JE
	H) Trigger Pull Test & Retainability						5/17/89	BS
	I) Firing Pin Indent	.021	.020	.020.5			5/17/89	JE
	J) Assemble Stock						5/17/89	RW
	K) Assemble Swivel Studs						25 May 89	BS
	L) Attach Front and Rear Sight Assemblies						5/17/89	RW
	M) Iron Sight Alignment						5/17/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/17/89	RW
	O) Attach Scope to Rifle						5/17/89	JE
	P) Detach & Attach Scope 20 Times						5/18/89	JE
640	Gallery Target & Test	42 R 110L					5/22/89	DH
	A) Time						5/22/89	DH
	B) Malfunctions						5/22/89	DH
	C) Pierced Primers						5/22/89	DH
	D) Optical Clarity of Scope						5/22/89	DH
645	Inspect for Live Ammo						5/23/89	DH
655	Final Inspection							
	A) Headspace						25 May 89	BS
	B) Trigger Pull	2.12	2.49	2.39	2.34	2.31	25 May 89	BS
	C) Function						25 May 89	BS
660	Pack						27 June 89	BS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6235298

DATE 17 May 89

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.11	2.25	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.12	2.32	2.49	
PULL #3	2.50	2.17	2.26	2.39	
PULL #4	2.16	2.13	2.23	2.34	
PULL #5	2.34	2.15	2.15	2.31	
TOTAL	11.68	10.68	11.21	11.65	
AVG.	2.336	2.136	2.242	2.33	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	2.93		
PULL #2	3.08	3.00		
PULL #3	3.07	2.90		
PULL #4	3.21	3.03		
PULL #5	3.13	2.88		
TOTAL	15.64	14.74		
AVG.	3.128	2.948		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.97		3.99
PULL #2	4.24	4.14		4.00
PULL #3	4.14	4.27		3.97
PULL #4	4.27	4.13		3.99
PULL #5	4.21	4.12		3.88
TOTAL	20.91	20.63		19.83
AVG.	4.182	4.126		3.966

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225298
22 May 1989

CENTROIDAL DISTANCES

0 TO	1	.380757
1 TO	2	.557721
1 TO	3	.242244
1 TO	4	.650431
1 TO	5	.289171

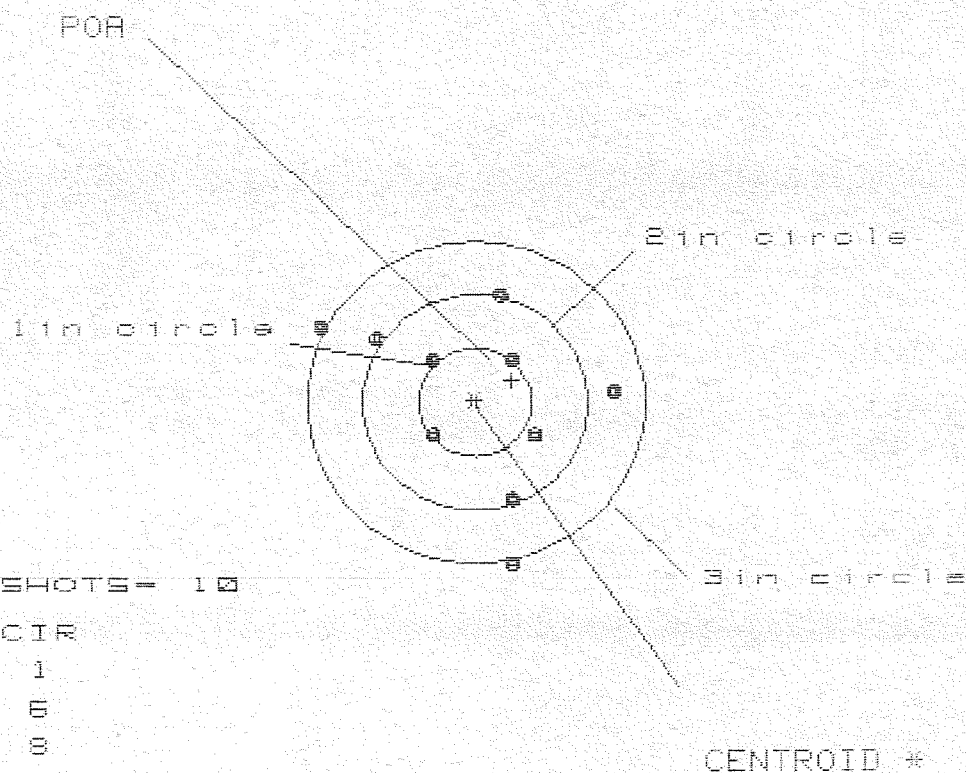
182 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.005
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1786
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .17867
THE AMP FOR THIS RIFLE IS: .915

22 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225298

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.639

VS= 2.499

GS= 2.827

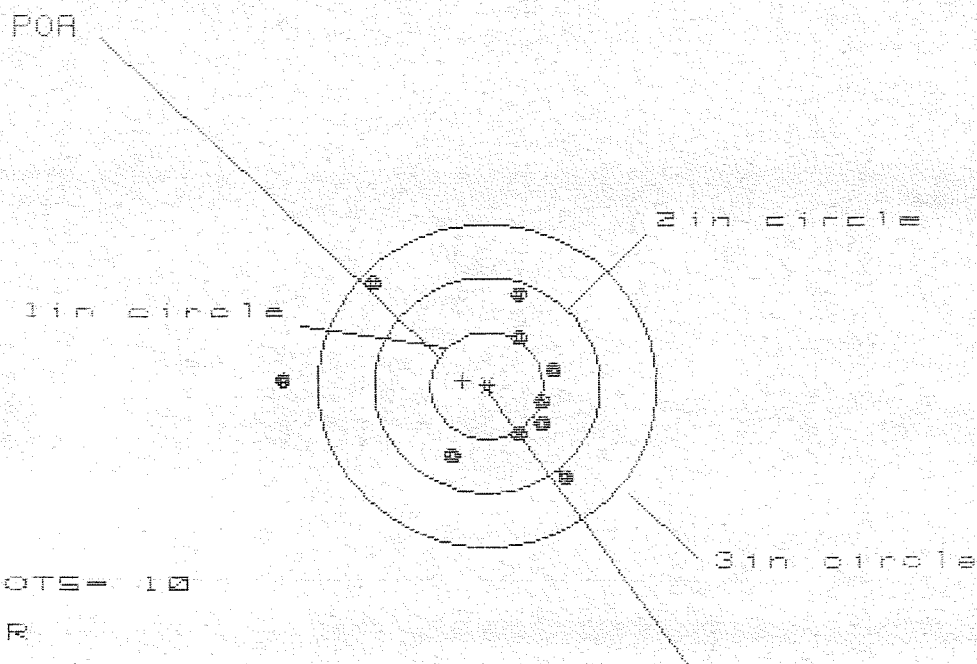
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.228	1.071	1.092
MINIMUM X	:	-1.411	-1.028	-1.007
MAXIMUM Y	:	.971	1.048	.867
MINIMUM Y	:	-1.528	-1.451	-1.004
CENTROID X	:	-.324	-.168	-.189
CENTROID Y	:	-.200	-.277	-.096
POA TO CENTROID in.	:	.381	.324	.212
MIN RADIUS	:	.492	.461	.351
MEAN RADIUS	:	.951	.873	.781
MAX RADIUS	:	1.575	1.461	1.105
HORIZONTAL SPREAD	:	2.639	2.099	2.099
VERTICAL SPREAD	:	2.499	2.499	1.871
EXTREME SPREAD	:	2.827	2.501	2.141
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

22 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225298

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 0

2in = 7

3in = 9

HS= 2.456

VS= 1.833

GS= 2.613

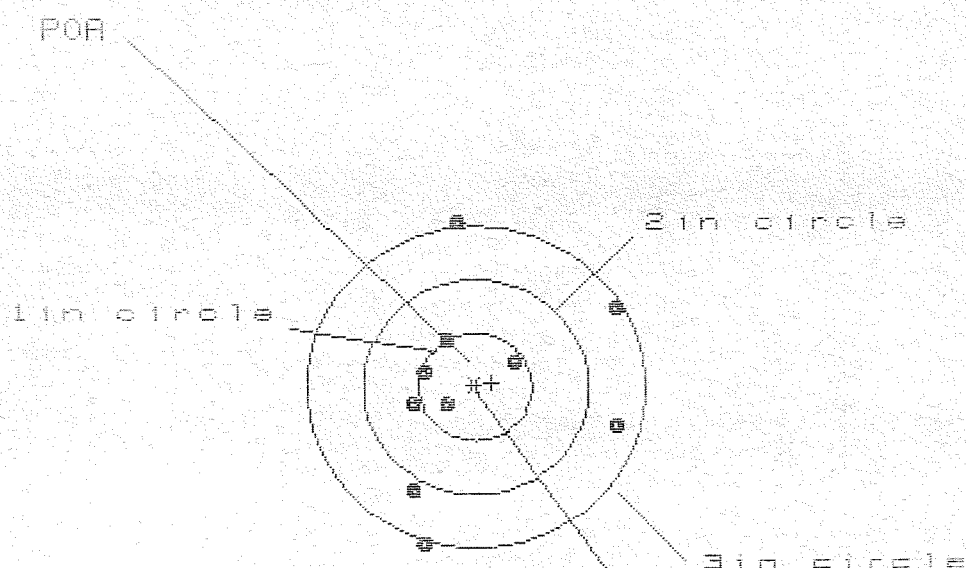
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.659	.460	.312
MINIMUM X	:	-1.797	-1.183	-.633
MAXIMUM Y	:	.951	.952	1.022
MINIMUM Y	:	-.882	-.881	-.762
CENTROID X	:	.214	.413	.561
CENTROID Y	:	-.053	-.054	-.173
POA TO CENTROID in.	:	.220	.417	.587
MIN RADIUS	:	.536	.371	.188
MEAN RADIUS	:	.874	.711	.555
MAX RADIUS	:	1.797	1.519	1.026
HORIZONTAL SPREAD	:	2.456	1.643	.945
VERTICAL SPREAD	:	1.833	1.833	1.784
EXTREME SPREAD	:	2.613	2.462	1.829
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225258

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 1.885

VS= 2.926

GS= 2.948

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.280
MINIMUM X	-.605
MAXIMUM Y	1.498
MINIMUM Y	-1.428
CENTROID X	-.143
CENTROID Y	-.039
POA TO CENTROID in.	.148
MIN RADIUS	.311
MEAN RADIUS	.920
MAX RADIUS	1.505
HORIZONTAL SPREAD	1.885
VERTICAL SPREAD	2.926
EXTREME SPREAD	2.948
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

22 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225298

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 3.002

VS= 2.166

GS= 3.109

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	.737	.583
MINIMUM X	:	-1.408	-1.231	-.451
MAXIMUM Y	:	1.002	1.068	1.049
MINIMUM Y	:	-1.164	-1.098	-1.117
CENTROID X	:	.270	.093	.247
CENTROID Y	:	-.465	-.531	-.512
POA TO CENTROID in.	:	.538	.539	.568
MIN RADIUS	:	.212	.253	.171
MEAN RADIUS	:	.878	.785	.707
MAX RADIUS	:	1.701	1.240	1.147
HORIZONTAL SPREAD	:	3.002	1.968	1.034
VERTICAL SPREAD	:	2.166	2.166	2.166
EXTREME SPREAD	:	3.109	2.225	2.225
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

22 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05225298

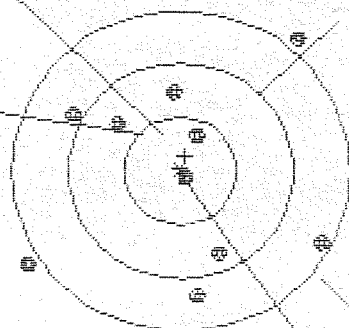
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.541

VS= 2.410

GS= 3.152

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.205	1.316	1.163
MINIMUM X	-1.336	-1.225	-0.967
MAXIMUM Y	1.263	.890	.801
MINIMUM Y	-1.147	-1.007	-1.096
CENTROID X	-.042	-.153	-.000
CENTROID Y	-.136	-.276	-.187
POA TO CENTROID in.	.142	.316	.187
MIN RADIUS	.036	.187	.035
MEAN RADIUS	.952	.898	.795
MAX RADIUS	1.612	1.416	1.310
HORIZONTAL SPREAD	2.541	2.541	2.130
VERTICAL SPREAD	2.410	1.897	1.897
EXTREME SPREAD	3.152	2.549	2.448
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.

C6225298

ORDER NO.

5716

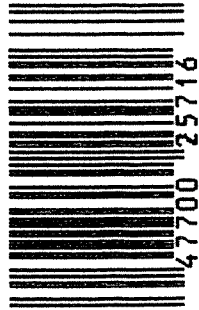
Ø1

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6225298

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-23579

INTERNAL
FPS

CUSTOMER ORDER NO.

ATTN: FRED MARTIN
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

08/12/94

08/15/94

CJ 4-89

C6225298

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

SOFT CASE

FROM:

SHIP TO:

COMMANDER
2/9 INF. REGT.
ATTN: CPL SLATER
FT. LEWIS

WA 98433

COMMANDER
2/9 INF. REGT.
ATTN: CPL SLATER
FT. LEWIS

WA
98433

CUST NO: 099641 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R768625174

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

New Barrel

PARTS

COMMENTS

Barrel - 96003

Repowder Coat Trigger Guard
Assy Front & Rear Sight Bases
Re-zinc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

RW

✓

✓

✓

✓

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW

8/17/94

8/31/94

8/31/94

8/31/94

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400012331

10. Date <i>a</i>	Projectile Type <i>b</i>	Zone or Charge <i>c</i>	Rounds Fired <i>d</i>	EFC RDS Fired <i>e</i>	Cumulative RDS Fired <i>f</i>	Cumulative EFC RDS <i>g</i>			Remaining Life (EFC RDS) <i>h</i>	Remarks: Recoil Exercise (RE), Gage or Velocity Read- ing, Safety Inspection (SI) <i>i</i>	Signature <i>j</i>
					21850				5850		
19 May 91	m118		250		5180				4900		
21 Sept 91	m118		500		5600				4400		
4 Nov 91	m118		400		6000				4000		
16 Feb 92	m118		500		6500				3500		
13 Sept 92	m118		300		6800				3200		
1 Dec 92	m118		200		7000				3000		
6 Apr 93	m118		600		7600				2400		
4 July 93	m118		400		8000				2000		
1 Feb 94	m118		500		8500				1500		
7 Mar 94	m118		500		9000				1000		
16 May 94	m118		250		9250				750		
4 Jun 94	m118		500		9750				250		
12 July 94	m118		500		10250				+ 250		

NOTE: START A NEW FORM BEFORE MAILING THIS ONE

WEAPON RECORD DATA

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

REQUIREMENT CONTROL SYMBOL
CSGLD-1051

1. TUBE SERIAL NO. 6225298	2. CANNON TYPE, MODEL OR SERIES M24 SWS	3. ORGANIZATION (UIC) HHC 2/9	4. SPECIAL LIFE DATA
5. END ITEM IDENTIFICATION		6. RDS/EFC COMPUTATION	
7. CANNON SERIAL NO.	8. RETUBINGS	9. REBUSHINGS	

10. Date <i>a</i>	Projectile Type <i>b</i>	Zone or Charge <i>c</i>	Rounds Fired <i>d</i>	EFC RDS Fired <i>e</i>	Cumulative RDS Fired <i>f</i>	Cumulative EFC RDS <i>g</i>			Remaining Life (EFC RDS) <i>h</i>	Remarks: Recoil Exercise (RE), Gage or Velocity Reading, Safety Inspection (SI) <i>i</i>	Signature <i>j</i>
(Previous DA Form 2408-4 final entries)											
5 Jan 89	M118		1200		1200				8800		
12 Oct 89	M118		300		1500				8500		
2 Dec 89	M118		500		2000				8000		
13 Mar 90	M118		200		2200				7800		
16 Apr 90	M118		500		2700				7300		
30 May 90	M118		500		3200				6800		
14 Jun 90	M118		200		3500				6600		
19 Jul 90	M118		400		3900				6200		
3 Sept 90	M118		200		4100				6000		
20 Oct 90	M118		500		4600				5500		
3 Mar 91	M118		250		4850				5250		

CONTINUE ON REVERSE

DA FORM 2408-4
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED

M2400012333

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 12		PD AUTHENTICATION		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HHC 2/9 INF.			B. LOCATION FT. LEWIS, WA 98433			C. UNIT IDENT CODE WAJKT0			
2. SERIAL NO. 6225298		3. NOUN NOMENCLATURE 7.62MM M24 (SWS)			4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY REMINGTON ARMS CO.		B. LEVEL F	8. UTILIZATION CODE 0	9A. MCSR ITEM	9B. ERC A	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS 10 250	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						☐ 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). SUPPASSED THE TEN THOUSAND ROUND LIMIT											
B. REMARKS											
POC: CPL SLATER AT (206) 967-1908											
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		22. Data Transcribed				
23. SUBMITTED BY		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			

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400012334

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 12		PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HHC 2/9 INF.		B. LOCATION FT. LEWIS, WA 98433		BLDG: 3413		C. UNIT IDENT CODE WAJKTO	
2. SERIAL NO 6225298		3. NOUN NOMENCLATURE 7.62MM M24 (SWS)		4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY REMINGTON ARMS CO.		B. LEVEL F		8. UTILIZATION CODE 0		9A. MCSR ITEM		9B. ERC A	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS 10 250	
								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 ☒ Other									
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). SURPASSED THE TEN THOUSAND ROUND LIMIT									
B. REMARKS									
POC: CPL SLATER AT (206) 967-1908									
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 22. Data Transcribed									
23. SUBMITTED BY		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									

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

CONTROL COPY 3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400012335

Final Inspection

In: C6225298

DATE REC'D: 8/12/94

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-250☐ 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:

M-24

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225298

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/17/94	RW
600	Proof		8/17/94	RW
607	Check Headspace		8/17/94	RW
610	Dis-assemble Gun		8/17/94	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		8/31/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/94	RW
	C) Inspect Ejector Hole for Chamfer		8/31/94	RW
	D) Oil Firing Pin Ass'y		8/31/94	RW
	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						8/31/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						8/31/94	RW
655	Final Inspection						8/31/94	RW
	A) Headspace						8/31/94	RW
	B) Trigger Pull	2.79	2.83	2.79	2.73	2.83	8/31/94	RW
	C) Function						8/31/94	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225298
1 Sep 1994

CENTROIDAL DISTANCES

0 TO	1	.418728
1 TO	2	.46101
1 TO	3	.40105
1 TO	4	.215448
1 TO	5	.467402

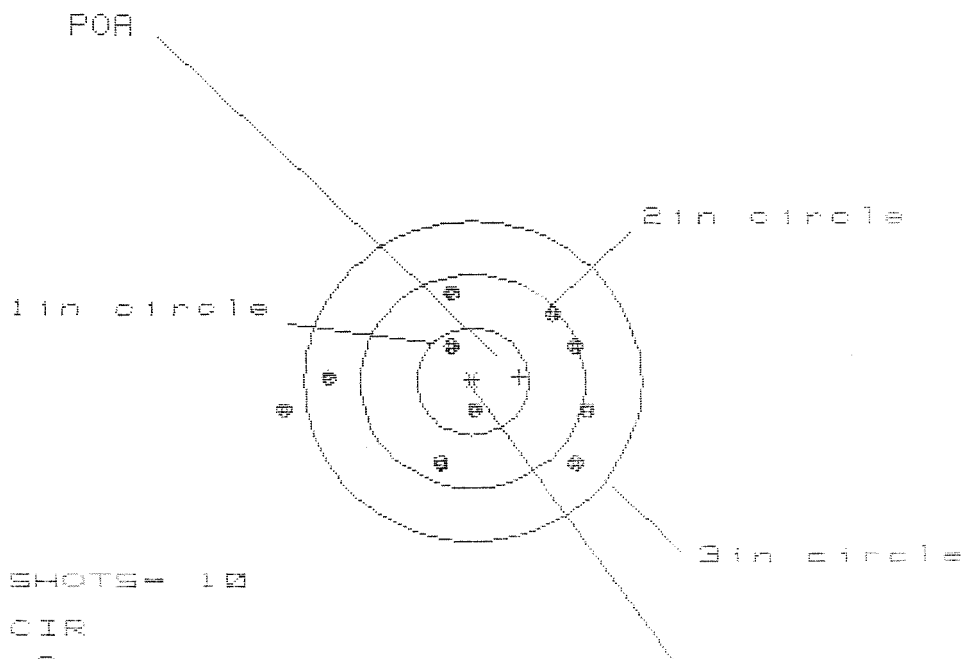
CS <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1334
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .134951
THE AMR FOR THIS RIFLE IS: .7626

1 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225298

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.712

VS= 1.633

GS= 2.712

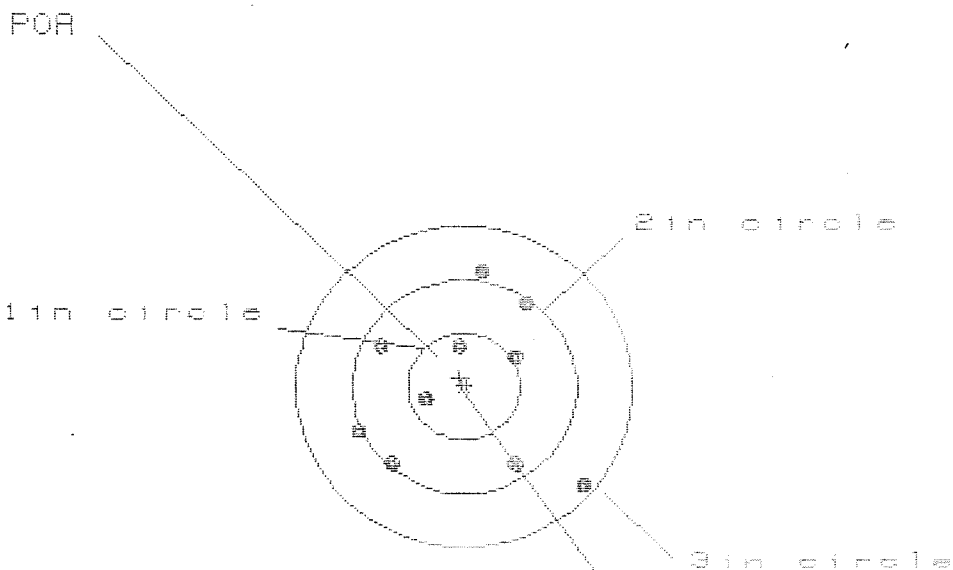
CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.047	.862	.678
MINIMUM X	:	-1.665	-1.472	-.646
MAXIMUM Y	:	.866	.841	.837
MINIMUM Y	:	-.767	-.792	-.796
CENTROID X	:	-.417	-.232	-.048
CENTROID Y	:	-.038	-.013	-.009
POA TO CENTROID in.	:	.419	.233	.049
MIN RADIUS	:	.303	.369	.486
MEAN RADIUS	:	.959	.864	.775
MAX RADIUS	:	1.679	1.472	1.028
HORIZONTAL SPREAD	:	2.712	2.334	1.324
VERTICAL SPREAD	:	1.633	1.633	1.633
EXTREME SPREAD	:	2.712	2.345	1.959
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

1 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225256

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HB= 1.966

VB= 1.969

GS= 2.149

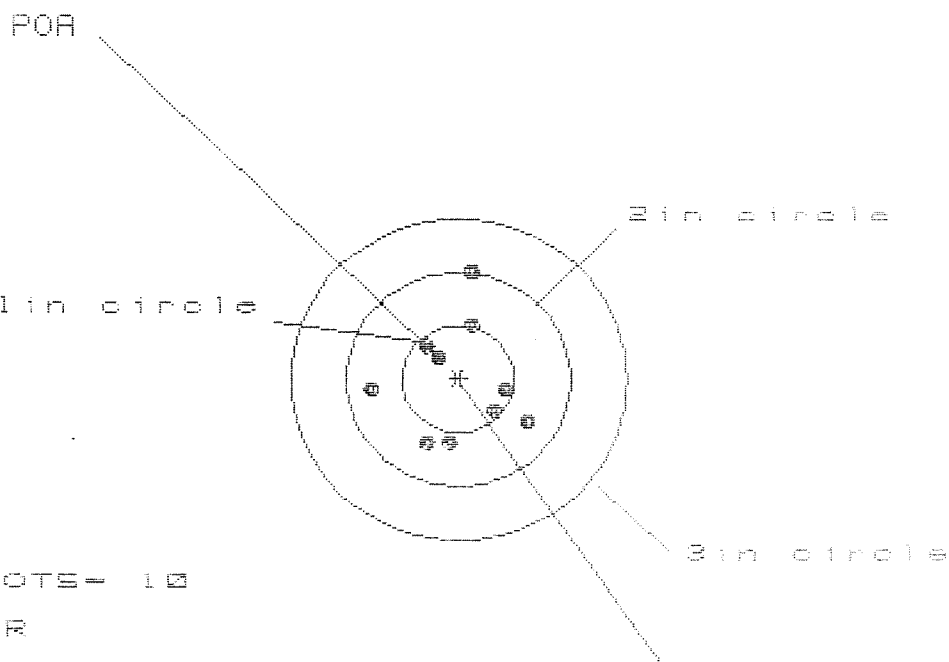
CENTROID *

PATTERN #	2	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.009	.698	.734
MINIMUM X	-.957	-.845	-.888
MAXIMUM Y	1.080	.982	.794
MINIMUM Y	-.889	-.839	-.717
CENTROID X	.042	-.070	-.106
CENTROID Y	-.081	.017	-.105
FOR TO CENTROID in.	.092	.072	.150
MIN RADIUS	.412	.345	.268
MEAN RADIUS	.853	.779	.743
MAX RADIUS	1.345	1.030	1.082
HORIZONTAL SPREAD	1.966	1.543	1.543
VERTICAL SPREAD	1.969	1.821	1.511
EXTREME SPREAD	2.149	1.965	1.965
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

1 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08223298

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HE= 1.417

VS= 1.650

GS= 1.666

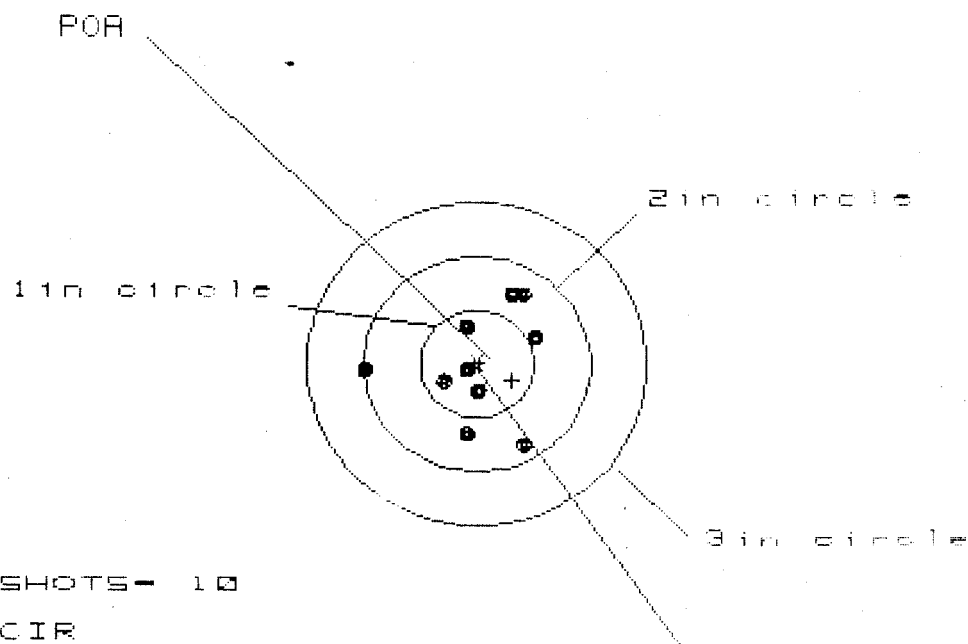
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.596	.609	.508
MINIMUM X	:	-.821	-.808	-.362
MAXIMUM Y	:	1.015	.635	.635
MINIMUM Y	:	-.635	-.522	-.522
CENTROID X	:	-.017	-.030	.071
CENTROID Y	:	-.009	-.122	-.122
POA TO CENTROID in.	:	.020	.125	.141
MIN RADIUS	:	.214	.305	.311
MEAN RADIUS	:	.591	.541	.494
MAX RADIUS	:	1.021	.808	.636
HORIZONTAL SPREAD	:	1.417	1.417	.870
VERTICAL SPREAD	:	1.650	1.157	1.157
EXTREME SPREAD	:	1.666	1.438	1.189
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06825-4-

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.427

VS= 1.449

GS= 1.597

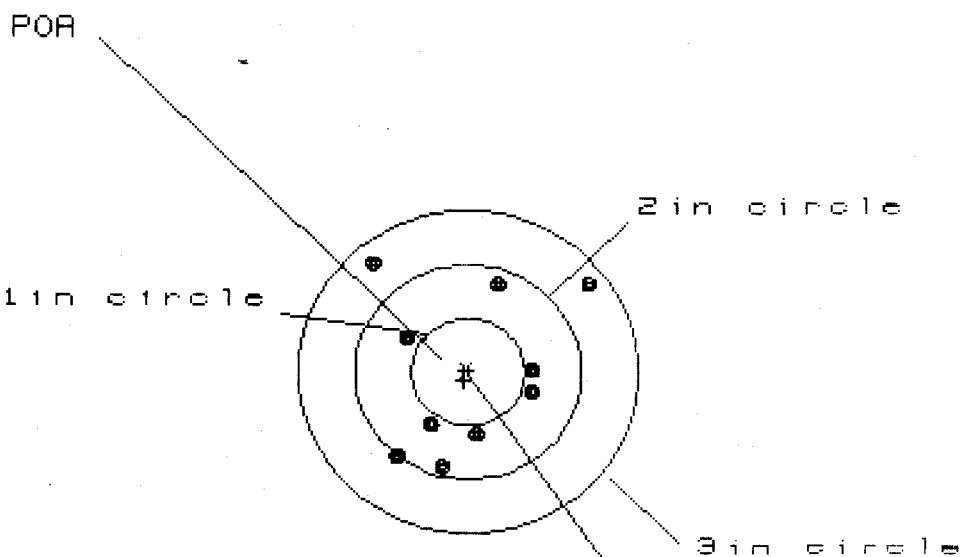
CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.461	.347	.385
MINIMUM X	:	-1.021	-.402	-.364
MAXIMUM Y	:	.700	.695	.600
MINIMUM Y	:	-.749	-.754	-.765
CENTROID X	:	-.310	-.196	-.234
CENTROID Y	:	.149	.154	.249
POA TO CENTROID in.	:	.344	.250	.341
MIN RADIUS	:	.128	.235	.247
MEAN RADIUS	:	.565	.519	.475
MAX RADIUS	:	1.022	.811	.781
HORIZONTAL SPREAD	:	1.482	.749	.749
VERTICAL SPREAD	:	1.449	1.449	1.365
EXTREME SPREAD	:	1.597	1.455	1.412
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225298

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 1.880

VS= 1.902

GS= 2.366

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.075	.725	.639
MINIMUM X	:	-.805	-.685	-.637
MAXIMUM Y	:	1.000	1.088	1.004
MINIMUM Y	:	-.902	-.814	-.678
CENTROID X	:	.035	-.085	.001
CENTROID Y	:	.081	-.007	-.142
POA TO CENTROID in.	:	.088	.085	.143
MIN RADIUS	:	.554	.496	.340
MEAN RADIUS	:	.845	.777	.683
MAX RADIUS	:	1.331	1.285	1.050
HORIZONTAL SPREAD	:	1.880	1.410	1.276
VERTICAL SPREAD	:	1.902	1.902	1.682
EXTREME SPREAD	:	2.366	1.985	1.852
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-23388

INITIAL CUSTOMER ORDER NO.

JLM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/05/98
ACCESSORIES

11/06/98

C6225298

700 7.62

NATO

FROM:

SHIP TO:

DENNA, PAUL T SGT
HMC 5/20TH INF BN
FT LEWIS

WA 98433

DENNA, PAUL T SGT
HMC 5/20TH INF BN
FT LEWISWA
98433

CUST NO: 197562 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

PARTS

COMMENTS

Barrel
Stock
Front Sight Base

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400012345

REMINGTON ARMS INC.

ATTN: LAW ENFORCEMENT REPAIRS

14 HOEFLER AVE.

ILION, NY 13357

HHC 5/20 IN BN
FORT LEWIS, WA 98433

October 29, 1998

Remington Arms
Attn: Law Enforcement Repairs
14 Hoefler Ave.
Ilion, NY 13357

Dear Sir or Madam:

The purpose of this letter is to inform you of the repairs and/or maintenance necessary for this weapon system (Serial number c6225298) sent to you. This rifle has several thousand rounds through it and needs to either be re-bored or have a new barrel installed. I am sure that the contractual maintenance standard for military owned weapons would apply here. If you have any questions regarding the necessary repairs or any other information, please contact me at the above mentioned telephone number.

Sincerely,



SGT Paul T. Denna
Sniper Section Leader

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY

SGT DENNA
HHC 5/20 IN BN
FT. LEWIS WA. 98433

OFFICIAL BUSINESS

REMINGTON ARMS
ATTN: LAW ENFORCEMENT REPAIRS
14 HOEFLER AVE.
ILION, NY 13357

SGT PAUL T. DENONA
HHC 5/20 PL IN BN
FORT LEWIS, WA 98433

REMINGTON ARMS
ATTN: LAW ENFORCEMENT REPAIRS
14 HOEFER AVE.
ILION, NY 13357

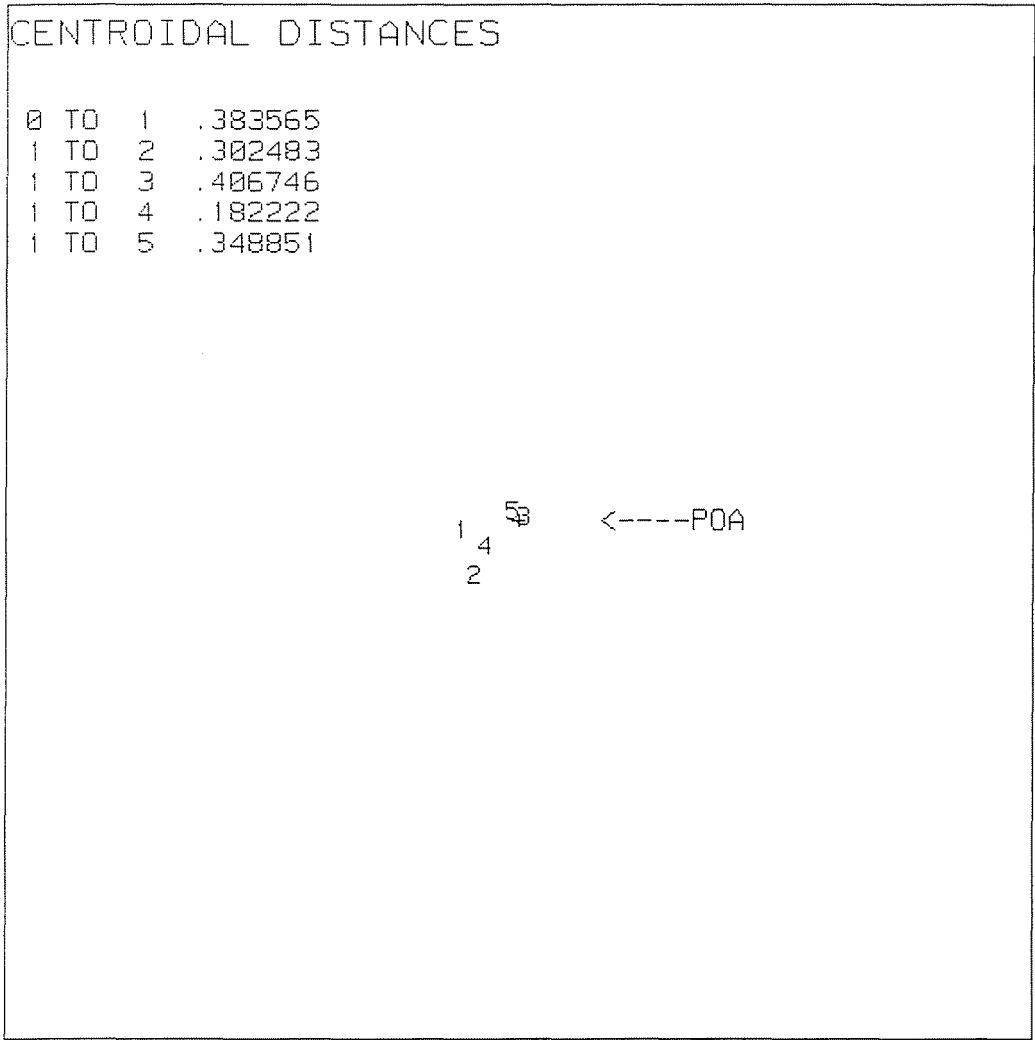
66225154

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225298
3 Feb 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.186
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0984
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .210425

THE AMR FOR THIS RIFLE IS: 1.21



PATTERN #: [5]

POA TO CENTROID: .076

MIN RADIUS : .359

MEAN RADIUS : .786

MAX RADIUS : 1.385

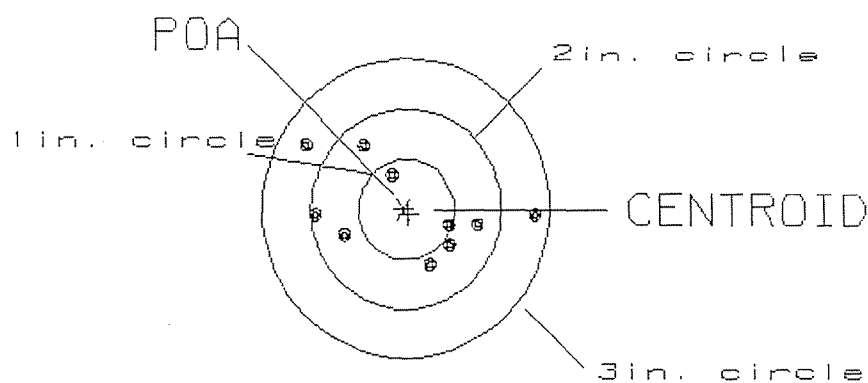
CENTROID X : -.050

CENTROID Y : .057

3 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225298

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.45

2

VS= 1.28

8

GS= 2.55

10

PATTERN #: 4

POA TO CENTROID: .279

MIN RADIUS : .813

MEAN RADIUS : 1.727

MAX RADIUS : 3.008

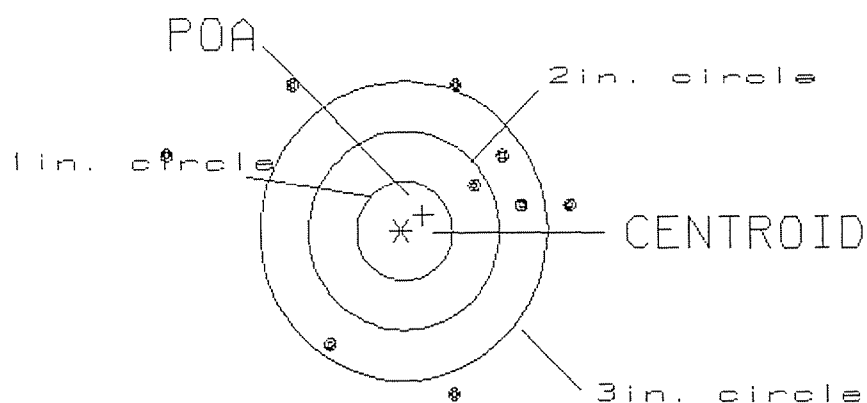
CENTROID X : -.228

CENTROID Y : -.161

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.12

0

VS= 4.21

1

GS= 4.55

4

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

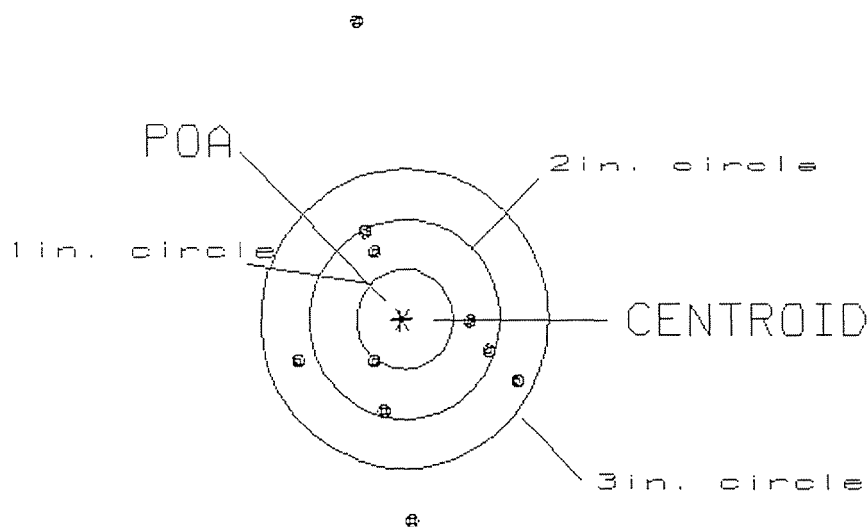
PATTERN #: 3

POA TO CENTROID: .028
 MIN RADIUS : .474
 MEAN RADIUS : 1.230
 MAX RADIUS : 3.033
 CENTROID X : .020
 CENTROID Y : .020

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.24

1

US= 5.00

6

GS= 5.04

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

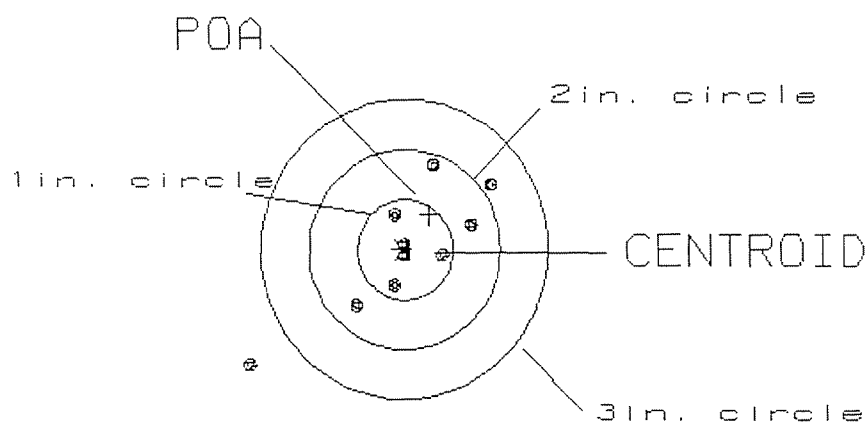
PATTERN #: 2

POA TO CENTROID: .456
 MIN RADIUS : .058
 MEAN RADIUS : .660
 MAX RADIUS : 1.927
 CENTROID X : -.293
 CENTROID Y : -.349

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.46

5

VS= 1.94

6

GS= 3.03

9

REMINGTON CENTERFIRE ACCURACY TEST

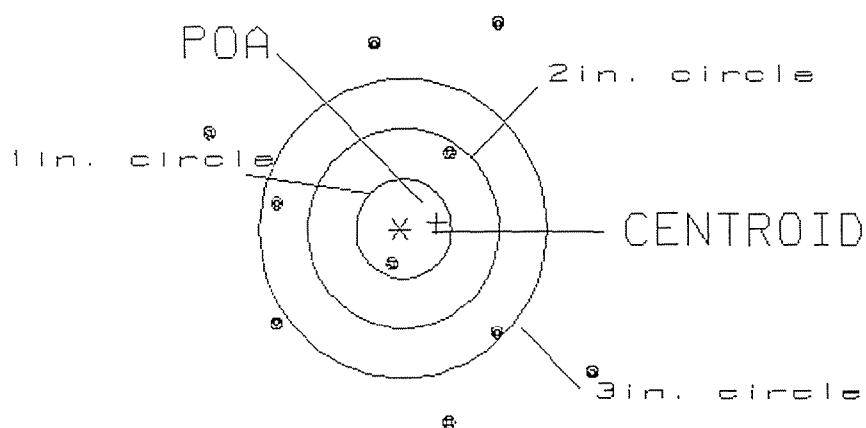
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .384
 MIN RADIUS : .405
 MEAN RADIUS : 1.646
 MAX RADIUS : 2.496
 CENTROID X : -.379
 CENTROID Y : -.059

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CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.00
 VS= 3.99
 GS= 4.68

1
 2
 4