

C6225142

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225142

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 72	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9 22 ff	PJL
	Magnaflux Bolt		9 22 ff	PJL
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/3/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/3/88	RW
	C) Inspect Ejector Hole for Chamfer		11/3/88	RW

OVER

OP.#	READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y	11/3/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake	4/10/88	JS
	F) Safety on Force	5 5 5 8/10/88	JS
	G) Safety off Force	3 3 3 8/10/88	JS
	H) Trigger Pull Test & Retainability	4/10/88	JS
	I) Firing Pin Indent	.0205 .0205 .0205 8/10/88	JS
	J) Assemble Stock	11/6/88	RW
	K) Attach Front & Rear Sight Assemblies	11/6/88	RW
	L) Iron Sight Alignment	11/6/88	RW
	M) Detach Front & Rear Sights & place in numbered container	11/6/88	RW
	N) Attach Scope to Rifle	11/29/88	WB
	O) Detach & Attach Scope 20 times	11/29/88	WB
640	Gallery Target & Test	11-30-88	AC
	A) Optical Clarity of Scope	OK 11-30-88	AC
645	Inspect for Live Ammo	NONE 11-30-88	AC
655	Final Inspection		
	A) Headspace	5 Dec 88	JS
	B) Trigger Pull	2.70 2.73 2.75 2.74 2.74	JS
	C) Function	5 Dec 88	JS
	D) Assemble Swivel Studs	5 Dec 88	JS
660	Pack	14 Dec 88	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6275142

DATE 4/10/88

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.26	2.46	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.35	2.43	2.73	
PULL #3	2.46	2.32	2.41	2.75	
PULL #4	2.39	2.35	2.41	2.74	
PULL #5	2.36	2.37	2.40	2.77	
TOTAL	12.10	11.65	12.11	13.66	
AVG.	2.42	2.33	2.422	2.732	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.22		
PULL #2	3.27	3.18		
PULL #3	3.28	3.24		
PULL #4	3.25	3.21		
PULL #5	3.25	3.21		
TOTAL	16.31	16.06		
AVG.	3.262	3.212		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.05		4.04
PULL #2	4.06	4.09		4.03
PULL #3	4.08	4.08		3.99
PULL #4	4.00	4.05		4.04
PULL #5	4.06	4.05		4.04
TOTAL	20.26	20.32		20.19
AVG.	4.052	4.064		4.038

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225142

CENTROIDAL DISTANCES

0 TO	1	.290396
1 TO	2	.31504
1 TO	3	.334767
1 TO	4	.085703
1 TO	5	.482912

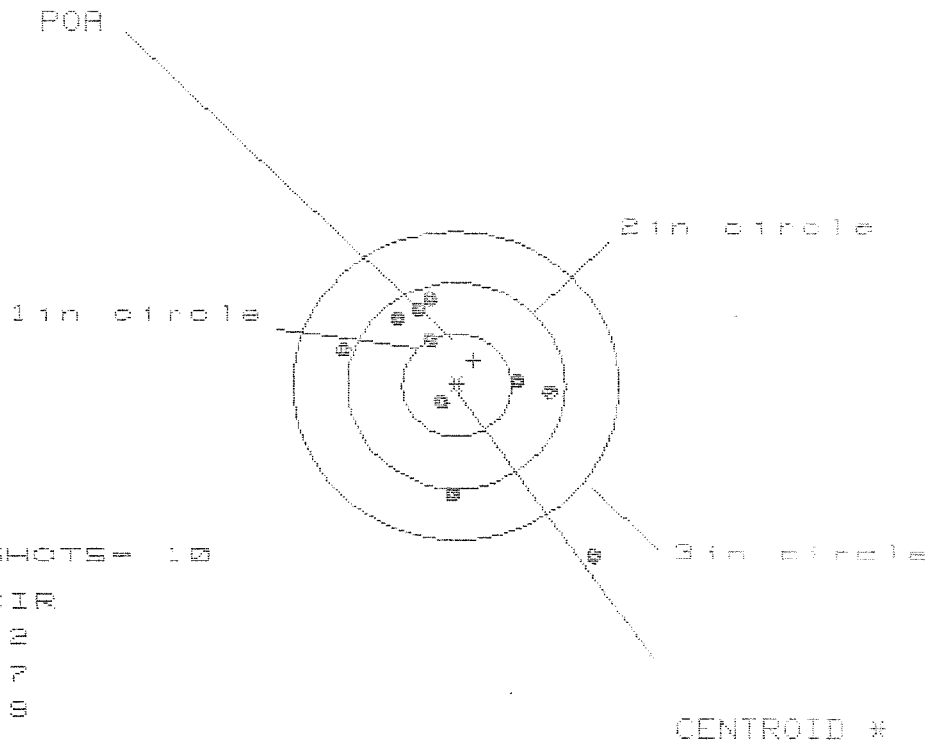
$\bar{x} = \frac{1}{5} \sum_{i=1}^5 x_i$ (----POA)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0682
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1582
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172274
THE AMR FOR THIS RIFLE IS: .8908

30 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6295142

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.215

VS = 2.488

GS = 2.955

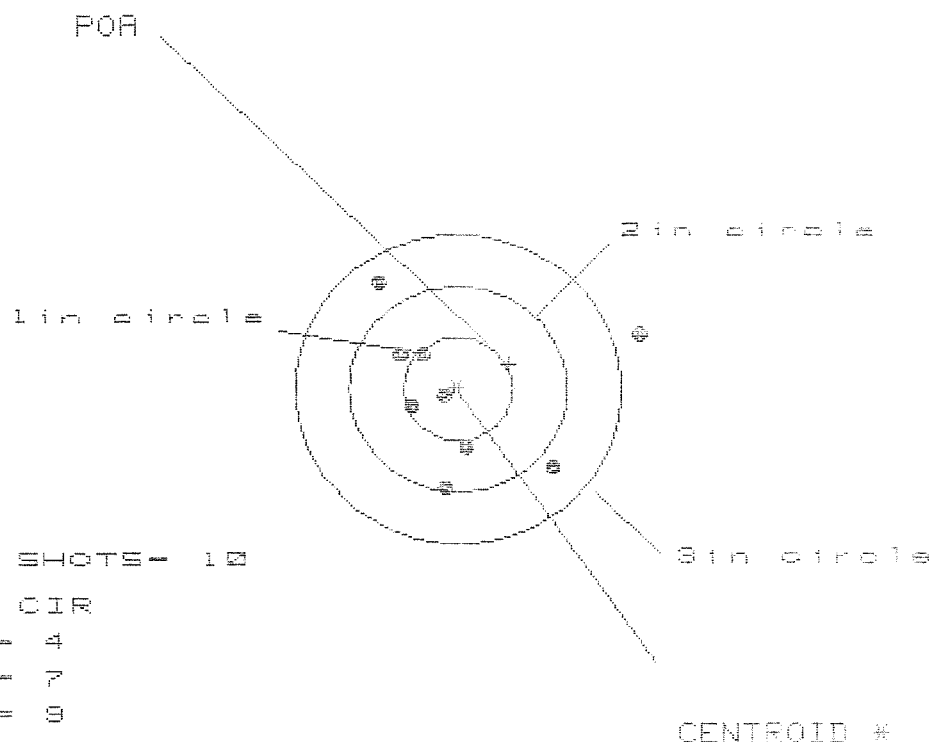
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.213	.996	1.005
MINIMUM X	:	-1.002	-.867	-.858
MAXIMUM Y	:	.845	.662	.507
MINIMUM Y	:	-1.643	-1.239	-.540
CENTROID X	:	-.159	-.294	-.303
CENTROID Y	:	-.243	-.060	.095
POA TO CENTROID in.	:	.290	.300	.317
MIN RADIUS	:	.254	.241	.093
MEAN RADIUS	:	.879	.703	.598
MAX RADIUS	:	2.042	1.241	1.078
HORIZONTAL SPREAD	:	2.215	1.863	1.863
VERTICAL SPREAD	:	2.488	1.901	1.047
EXTREME SPREAD	:	2.955	1.911	1.899
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225142

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = 2.475

VS = 1.996

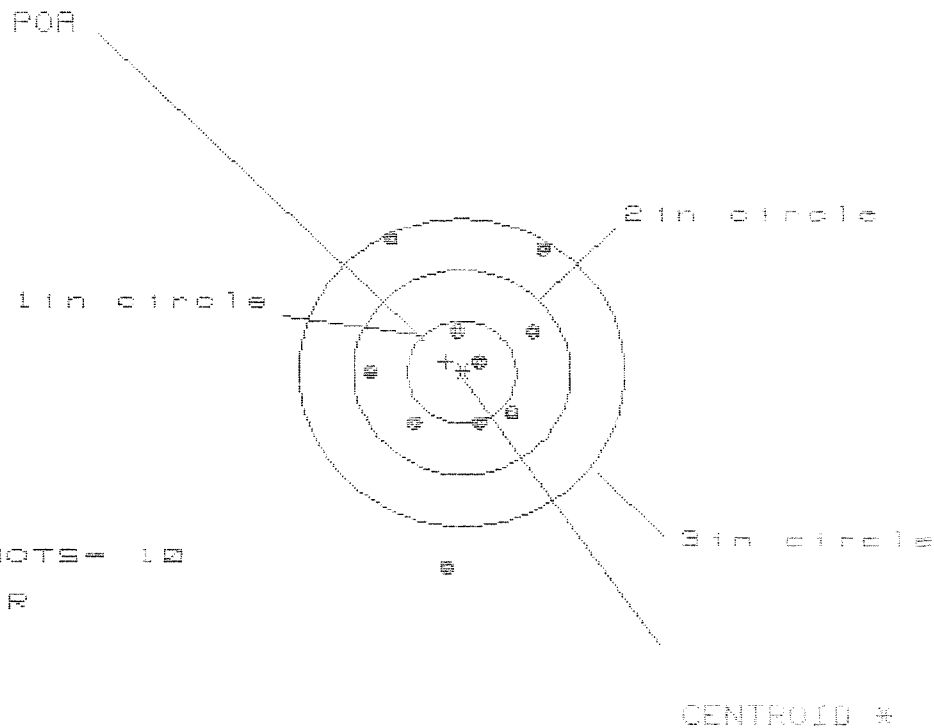
GS = 2.529

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.711	1.065	.994
MINIMUM X	:	-.764	-.574	-.442
MAXIMUM Y	:	1.024	1.080	.555
MINIMUM Y	:	-.972	-.916	-.781
CENTROID X	:	-.474	-.664	-.593
CENTROID Y	:	-.238	-.294	-.429
POA TO CENTROID in.	:	.531	.727	.732
MIN RADIUS	:	.149	.069	.110
MEAN RADIUS	:	.801	.636	.579
MAX RADIUS	:	1.784	1.299	1.165
HORIZONTAL SPREAD	:	2.475	1.639	1.436
VERTICAL SPREAD	:	1.996	1.996	1.336
EXTREME SPREAD	:	2.529	2.451	1.848
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225142

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.615

VS= 3.200

GS= 3.322

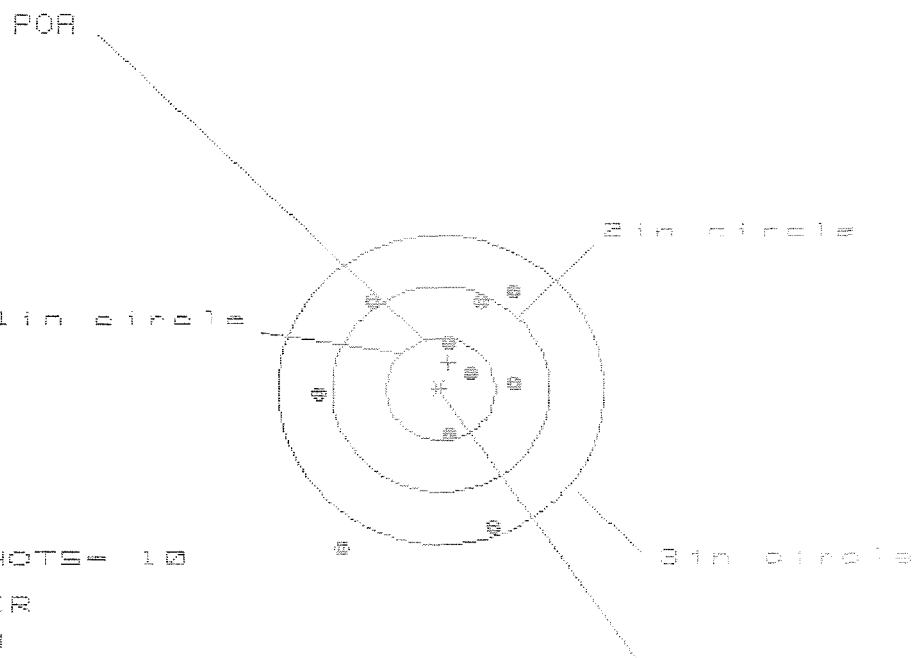
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.797	.778	.688
MINIMUM X	:	-.818	-.837	-.739
MAXIMUM Y	:	1.263	1.048	1.176
MINIMUM Y	:	-1.937	-.752	-.624
CENTROID X	:	.146	.165	.067
CENTROID Y	:	-.105	.110	-.018
POR TO CENTROID in.	:	.180	.198	.070
MIN RADIUS	:	.194	.141	.221
MEAN RADIUS	:	.877	.743	.674
MAX RADIUS	:	1.944	1.288	1.316
HORIZONTAL SPREAD	:	1.615	1.615	1.427
VERTICAL SPREAD	:	3.200	1.800	1.800
EXTREME SPREAD	:	3.322	2.138	2.014
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225142

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 1.857

VS= 2.492

GS= 2.968

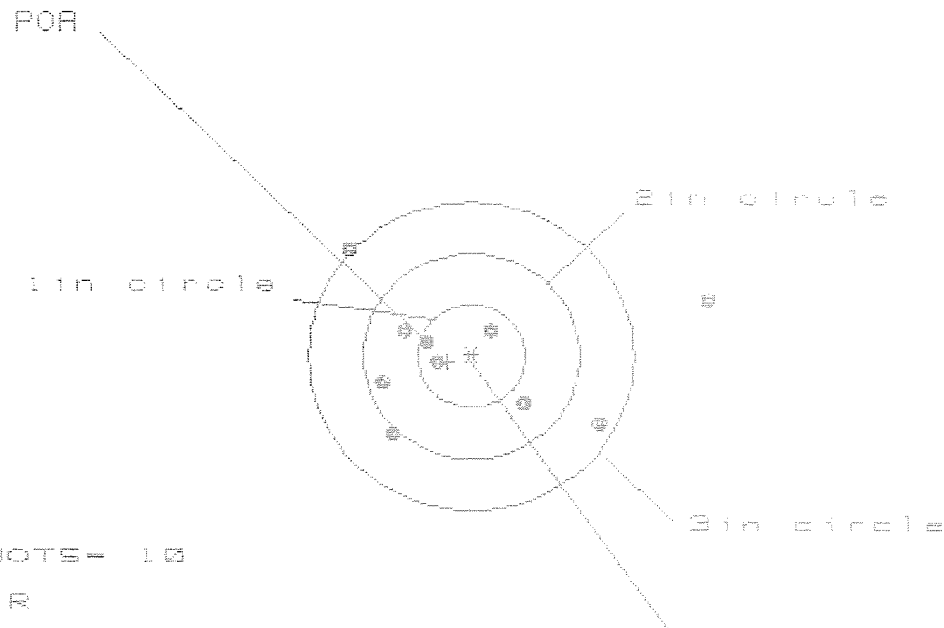
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.783	.681	.654
MINIMUM X	:	-1.155	-1.256	-1.283
MAXIMUM Y	:	.959	.788	.682
MINIMUM Y	:	-1.533	-1.488	-1.818
CENTROID X	:	-.075	.026	-.027
CENTROID Y	:	-.260	-.089	.097
POA TO CENTROID in.	:	.270	.093	.100
MIN RADIUS	:	.345	.217	.141
MEAN RADIUS	:	.954	.814	.699
MAX RADIUS	:	1.783	1.546	1.262
HORIZONTAL SPREAD	:	1.857	1.857	1.857
VERTICAL SPREAD	:	2.492	2.276	1.420
EXTREME SPREAD	:	2.968	2.459	2.102
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

30 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225142

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.347

VS= 1.734

GS= 3.384

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.194	1.468	1.354
MINIMUM X	:	-1.153	-.989	-.719
MAXIMUM Y	:	1.015	1.073	.410
MINIMUM Y	:	-.719	-.661	-.527
CENTROID X	:	.221	-.023	.091
CENTROID Y	:	.055	-.002	-.136
POA TO CENTROID in.	:	.228	.023	.164
MIN RADIUS	:	.261	.183	.270
MEAN RADIUS	:	.943	.731	.680
MAX RADIUS	:	2.254	1.578	1.426
HORIZONTAL SPREAD	:	3.347	2.377	2.073
VERTICAL SPREAD	:	1.734	1.734	.937
EXTREME SPREAD	:	3.384	2.895	2.105
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-08874

INITIAL CUSTOMER ORDER NO.

SWS 351

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/05/99

04/05/99

C6225142

700 7.62

M/24

ACCESSORIES

FROM:

US ARMY
C CO 3RD BN 7TH SFG (A)

FT CLAYTON PAN AM

34004

SHIP TO:

US ARMY
C CO 3RD BN 7TH SFG (A)

ATTN: ROBERT HOBART

FT CLAYTON PAN AM

34004

CUST NO: 132573 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

L3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel 1

96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

FD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049998

Receipt Of Firearm(s) Delivered to the Plant for Repair
Firearm Checked For Live Ammunition ☒

File # 00351

Delivery Date 4 / 5 / 99

Customer Name (Print) U.S. Army ROBERT HOBART

Address FT. CLAYTON State PANAMA Zip

Phone Number (011) - 507 - 288 - 4287

Firearm Description Model M24 Cal./Ga. 7.62

Serial Number C6225142

Stock/ Fore-end Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain, Synthetic, Wood)

Comments on Stock/ Fore-end condition

Metal Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain Stainless Steel)

Comments on Metal condition

Barrel Type (VT. Rib; Plain; Deer; Stainless Steel) Barrel length

List additional accessories IE Scope, Sling, Gun case and description;

Customer request: RECONDITION AS PER SWS W. Breckin

Return Process Return to Clark St. Ent. ☐ Return via UPS ☐

By signing this receipt the person delivering the firearm understands to be the only person to receive the firearm upon completion of repairs.

Signature [Signature] Date 4/5/99
person delivering firearm.

Signature [Signature] Date 4/5/99
security officer

Signature W. Breckin Date 4/5/99
arms service / CSR

Customer Pick Up Verification

I certify, I am the same person whom delivered the above described firearm to the Remington Ilion plant for repair and may lawfully possess a firearm in New York State

Signature Date / /
person receiving firearm must be the same whom delivered

Signature Date / /
security officer or other witness returning the firearm

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225142
26 May 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170946

THE AMR FOR THIS RIFLE IS: 1.112

CENTROIDAL DISTANCES

Ø TO	1	.0850235
1 TO	2	.427682
1 TO	3	.297881
1 TO	4	.708467
1 TO	5	.303191

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

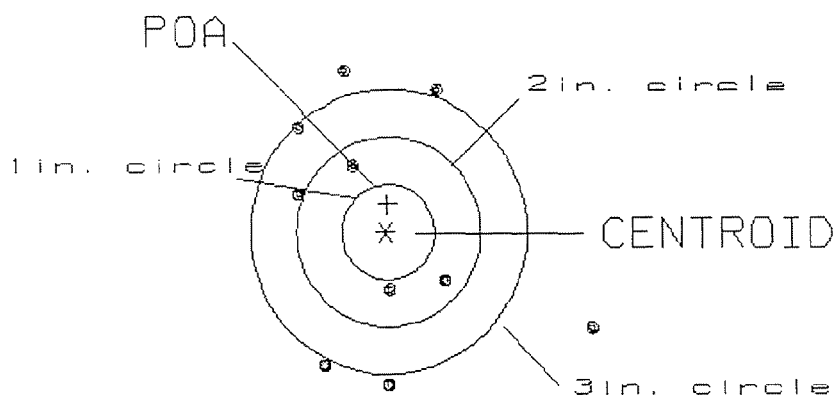
PATTERN #: 1

POA TO CENTROID: .294
 MIN RADIUS : .641
 MEAN RADIUS : 1.365
 MAX RADIUS : 2.454
 CENTROID X : -.015
 CENTROID Y : -.293

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225142

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 3.29
 GS= 3.84

0
 3
 5

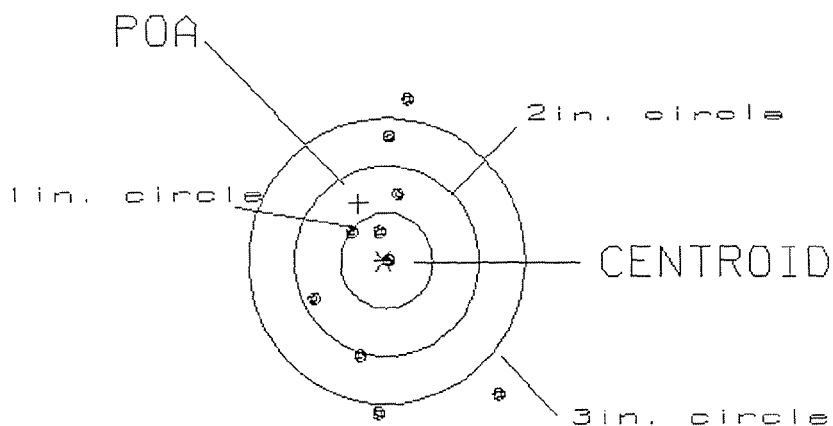
PATTERN #: 2

POA TO CENTROID: .666
 MIN RADIUS : .018
 MEAN RADIUS : .993
 MAX RADIUS : 1.884
 CENTROID X : .282
 CENTROID Y : -.604

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225142

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.04
 VS= 3.30
 GS= 3.31

3
 6
 7

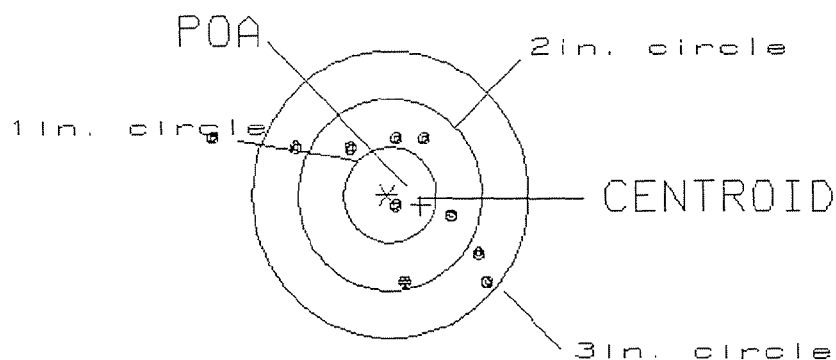
PATTERN #: 3

POA TO CENTROID: .379
 MIN RADIUS : .155
 MEAN RADIUS : .952
 MAX RADIUS : 2.045
 CENTROID X : -.363
 CENTROID Y : .109

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5225142

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.05

1

VS= 1.53

6

GS= 3.41

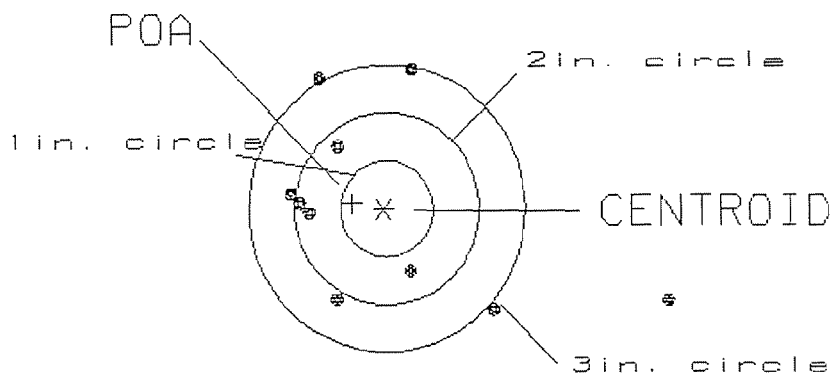
9

PATTERN #: 4
 POA TO CENTROID: .343
 MIN RADIUS : .675
 MEAN RADIUS : 1.322
 MAX RADIUS : 3.200
 CENTROID X : .339
 CENTROID Y : -.054

26 May 1999

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c5225142

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.10
 VS= 2.54
 GS= 4.48

0
 4
 7

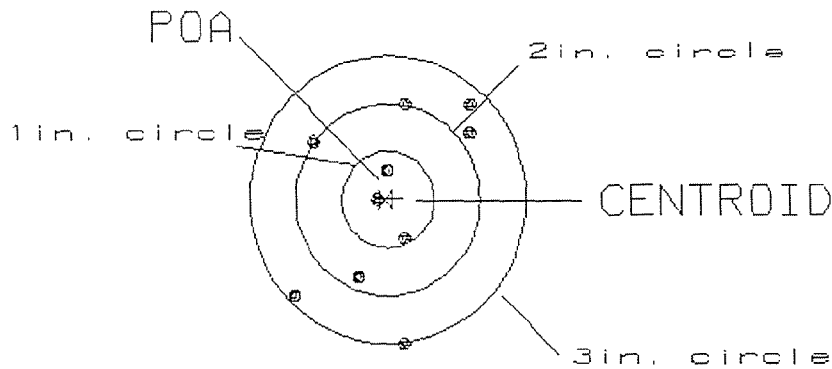
PATTERN #: 5

POA TO CENTROID: .085
 MIN RADIUS : .166
 MEAN RADIUS : .926
 MAX RADIUS : 1.475
 CENTROID X : -.085
 CENTROID Y : .002

26 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225142

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.94

3

VS= 2.44

5

GS= 2.76

10