

C6225281

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225281

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	88	FB
600	Proof	9 19	88	RW
607	Check Headspace	9 19	88	RW
610	Dis-assemble Gun	9 19	88	RW
612	Magnaflux Barrel Action		9 22 88	R/c.
	Magnaflux Bolt		9 22 88	R/c.
615	Rollmark Caliber		10/12	WC
617	Drill and Tap Sight Holes		10/12	FB
618	Polish Barrel		10/20	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/88	RW
	C) Inspect Ejector Hole for Chamfer		11/7/88	RW
	D) Oil Firing Pin Ass'y		11/7/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 NOV 88	JS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			11/NOV/88	JS
	G) Safety Off Force	3	3	3			11/NOV/88	JS
	H) Trigger Pull Test & Retainability						10/NOV/88	JS
	I) Firing Pin Indent	.0205	.0205	.0205			11/NOV/88	JS
	J) Assemble Stock						11/11/88	RW
	K) Assemble Swivel Studs						30/NOV/88	JS
	L) Attach Front and Rear Sight Assemblies						11/11/88	RW
	M) Iron Sight Alignment						11/11/88	RW
	N) Detach Front & Rear Sights & place in numbered container						11/11/88	RW
	O) Attach Scope to Rifle						11/14/88	W.B.
	P) Detach & Attach Scope 20 Times						11/14/88	W.B.
640	Gallery Target & Test	66 R	86 L				11/15/88	AC
	A) Time						11/1	
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope						11/15/88	JS
645	Inspect for Live Ammo						11/14/88	JS
655	Final Inspection						30/NOV/88	JS
	A) Headspace						30/NOV/88	JS
	B) Trigger Pull	2.52	2.56	2.50	2.53	2.50	30/NOV/88	JS
	C) Function						30/NOV/88	JS
660	Pack						15/Dec/88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5281

DATE 4/5/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.48	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.48	2.46	
PULL #3	2.46	2.34	2.23	
PULL #4	2.52	2.34	2.47	
PULL #5	2.34	2.40	2.52	
TOTAL	12.19	12.04	12.16	
AVG.	2.43	2.41	2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.32	
PULL #2	3.12	3.27	
PULL #3	3.15	3.20	
PULL #4	3.07	3.19	
PULL #5	3.08	3.13	
TOTAL	15.58	16.11	
AVG.	3.11	3.22	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.31		
PULL #2	4.15	4.23		
PULL #3	4.33	4.26		
PULL #4	4.31	4.25		
PULL #5	4.37	4.26		
TOTAL	21.54	21.31		
AVG.	4.31	4.26		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225281

CENTROIDAL DISTANCES

0 TO	1	.197363
1 TO	2	.450627
1 TO	3	.145578
1 TO	4	.622962
1 TO	5	.495581

45 $\frac{2}{3}$ <----POA

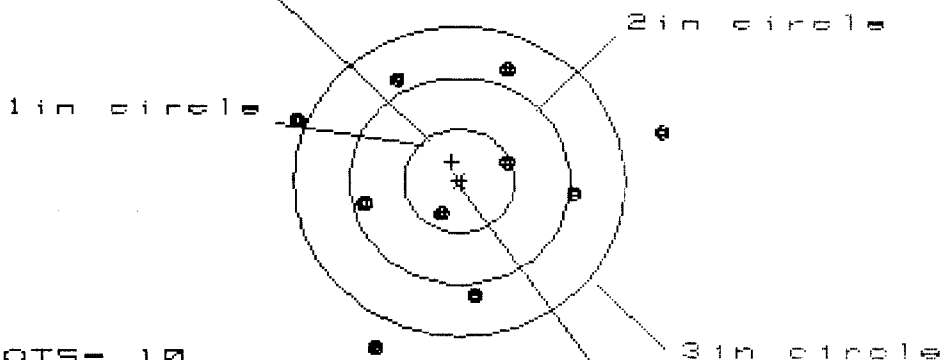
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0572
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0626
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0847974
THE AMR FOR THIS RIFLE IS: .9892

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C62252B1

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.261

VS= 2.676

GS= 3.284

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.820	1.236	1.170
MINIMUM X	:	-1.441	-1.239	-1.305
MAXIMUM Y	:	1.087	1.141	.949
MINIMUM Y	:	-1.589	-1.535	-1.258
CENTROID X	:	.066	-.136	-.070
CENTROID Y	:	-.186	-.240	-.048
POA TO CENTROID in.	:	.197	.276	.085
MIN RADIUS	:	.347	.239	.433
MEAN RADIUS	:	1.145	1.050	.976
MAX RADIUS	:	1.883	1.623	1.374
HORIZONTAL SPREAD	:	3.261	2.475	2.475
VERTICAL SPREAD	:	2.676	2.676	2.207
EXTREME SPREAD	:	3.284	2.910	2.580
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG2252B1

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.9003

VS = 3.628

GS = 3.905

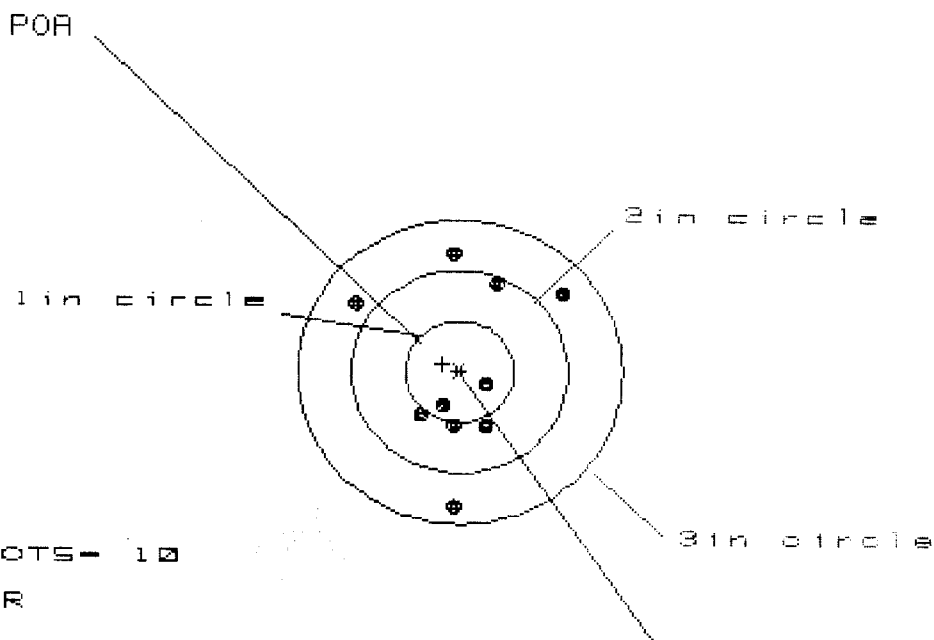
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.936	.829	.875
MINIMUM X	:	-.967	-1.033	-.987
MAXIMUM Y	:	1.736	.765	.553
MINIMUM Y	:	-1.892	-1.699	-.831
CENTROID X	:	.210	.317	.271
CENTROID Y	:	.241	.048	.260
POA TO CENTROID in.	:	.319	.321	.375
MIN RADIUS	:	.451	.230	.429
MEAN RADIUS	:	1.069	.953	.839
MAX RADIUS	:	1.987	1.739	1.027
HORIZONTAL SPREAD	:	1.903	1.862	1.862
VERTICAL SPREAD	:	3.628	2.464	1.384
EXTREME SPREAD	:	3.905	2.698	1.981
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/062252B1

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 1.881

VS = 2.488

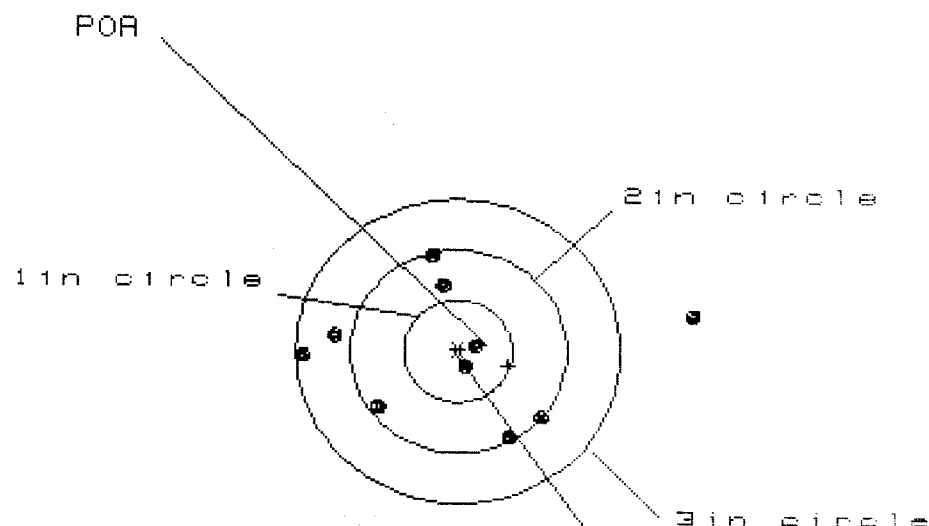
GS = 2.488

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.967	.958	.407
MINIMUM X	-.914	-.923	-.803
MAXIMUM Y	1.127	.976	1.049
MINIMUM Y	-1.361	-.699	-.626
CENTROID X	.159	.168	.048
CENTROID Y	-.074	.077	.004
POA TO CENTROID in.	.175	.185	.048
MIN RADIUS	.273	.367	.407
MEAN RADIUS	.808	.767	.702
MAX RADIUS	1.364	1.126	1.050
HORIZONTAL SPREAD	1.881	1.881	1.210
VERTICAL SPREAD	2.488	1.675	1.675
EXTREME SPREAD	2.488	1.883	1.686
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG225281

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.563

VS = 1.817

GS = 3.581

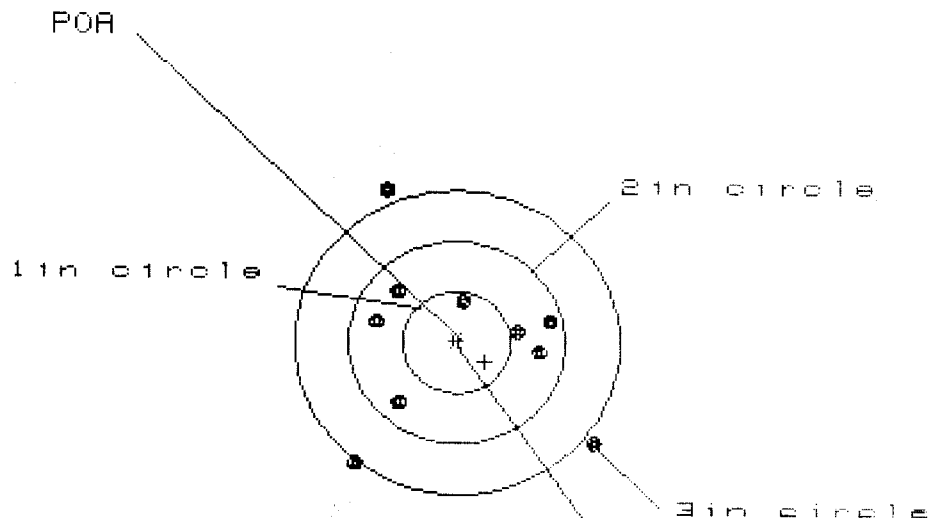
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.114	1.034	.882
MINIMUM X	:	-1.449	-1.214	-1.008
MAXIMUM Y	:	.979	1.017	1.018
MINIMUM Y	:	-.838	-.800	-.799
CENTROID X	:	-.463	-.698	-.546
CENTROID Y	:	.143	.105	.104
POA TO CENTROID in.	:	.485	.706	.556
MIN RADIUS	:	.131	.294	.154
MEAN RADIUS	:	.957	.831	.754
MAX RADIUS	:	2.141	1.214	1.087
HORIZONTAL SPREAD	:	3.563	2.248	1.890
VERTICAL SPREAD	:	1.817	1.817	1.817
EXTREME SPREAD	:	3.581	2.340	2.047
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225281

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 7

HS= 2.150

VS= 2.704

GS= 3.120

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	1.142	.886
MINIMUM X	:	-.933	-1.008	-.865
MAXIMUM Y	:	1.477	.628	.523
MINIMUM Y	:	-1.227	-1.063	-1.168
CENTROID X	:	-.258	-.183	-.326
CENTROID Y	:	.189	.025	.130
POA TO CENTROID in.	:	.320	.185	.351
MIN RADIUS	:	.422	.502	.496
MEAN RADIUS	:	.967	.901	.818
MAX RADIUS	:	1.624	1.465	1.454
HORIZONTAL SPREAD	:	2.150	2.150	1.751
VERTICAL SPREAD	:	2.704	1.691	1.691
EXTREME SPREAD	:	3.120	2.350	2.293
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

BARBER M24 0012024 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-11804

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED
06/24/97

DATE OPENED
06/24/97

DATE CODE

SERIAL NUMBER
C6225281

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

FROM:

SHIP TO:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING

GA 31905

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING

GA

31905

CUST NO: 161641 C.O.D.L

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

Trigger Adjusted outside of factory

PARTS

COMMENTS

Barrel - 96003

Repowder Coat Trigger Guard Assy
Front & Rear Sight Bases

ReZinc Scope Base, Swivels &
Swivel Studs.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0012024

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225281

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6-27-97	A
605	CHECK HEADSPACE	6-27-97	A
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	8-18-97	Rev
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-12-97	KT
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225281

DATE REC'D: 6-24-97

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225281
19 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1888
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188856

THE AMR FOR THIS RIFLE IS: 1.144

CENTROIDAL DISTANCES

0	TO	1	.0537587
1	TO	2	.027
1	TO	3	.147105
1	TO	4	.763049
1	TO	5	.292647

4

3
4 5 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

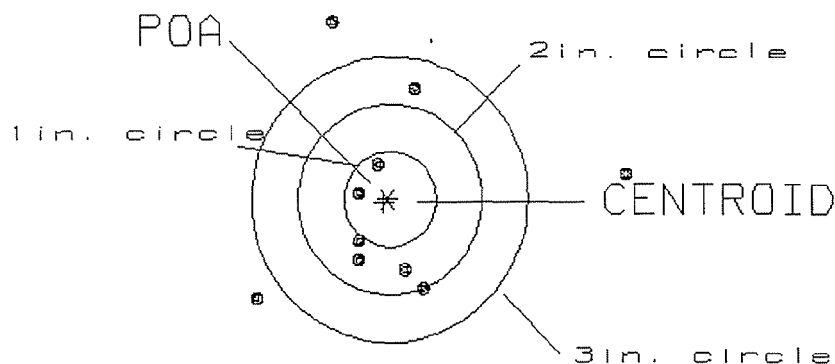
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .053
 MIN RADIUS : .352
 MEAN RADIUS : 1.123
 MAX RADIUS : 2.542
 CENTROID X : .039
 CENTROID Y : .037

19 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225281

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.96
 VS= 2.95
 GS= 4.16

2
 5
 7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .039

MIN RADIUS : .485

MEAN RADIUS : 1.048

MAX RADIUS : 1.646

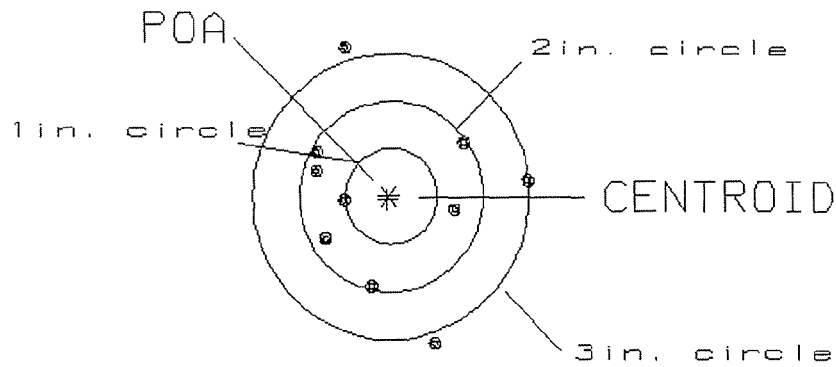
CENTROID X : .012

CENTROID Y : .037

19 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225281

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.25

1

VS= 3.11

6

GS= 3.25

8

REMINGTON CENTERFIRE ACCURACY TEST

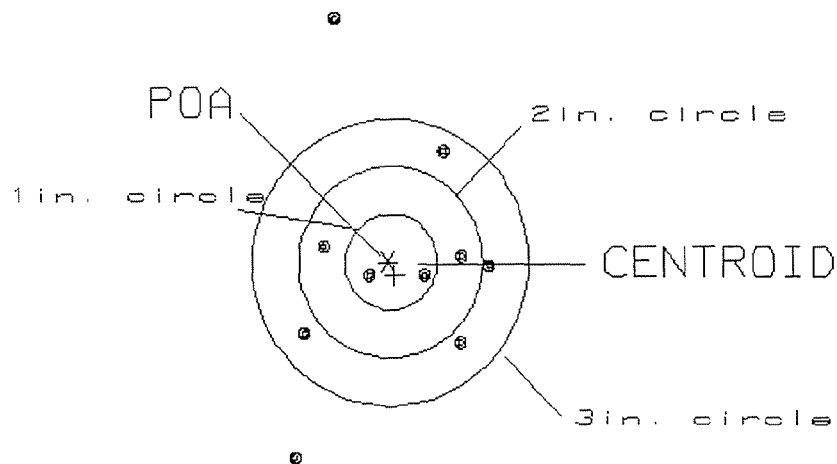
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .154
MIN RADIUS : .234
MEAN RADIUS : 1.172
MAX RADIUS : 2.649
CENTROID X : -.067
CENTROID Y : .139

19 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225281

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.10

2

VS= 4.60

4

GS= 4.61

8

REMINGTON CENTERFIRE ACCURACY TEST

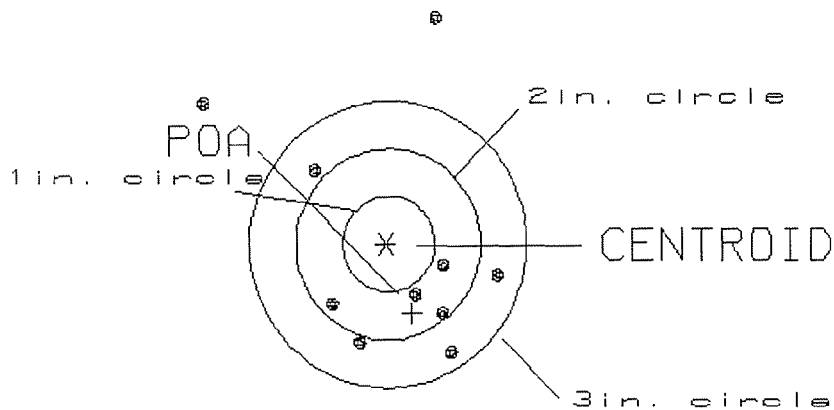
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .781
 MIN RADIUS : .587
 MEAN RADIUS : 1.262
 MAX RADIUS : 2.497
 CENTROID X : -.291
 CENTROID Y : .725

19 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225281

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.23

0

VS= 3.47

4

GS= 3.72

8

REMINGTON CENTERFIRE ACCURACY TEST

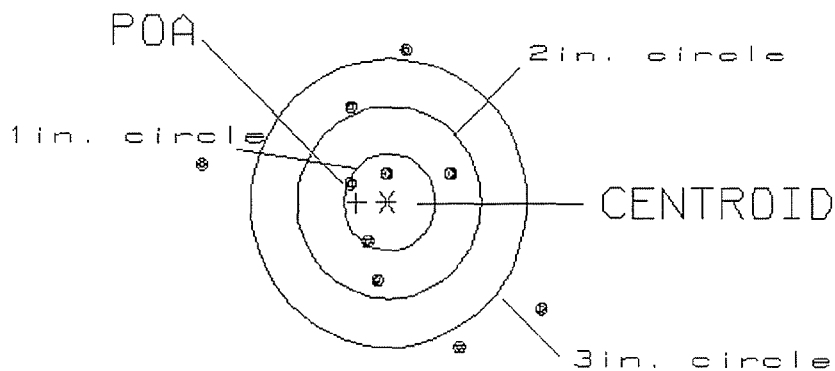
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .330
 MIN RADIUS : .313
 MEAN RADIUS : 1.117
 MAX RADIUS : 2.052
 CENTROID X : .330
 CENTROID Y : .006

19 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225281

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.69
 US= 3.05
 GS= 4.01

3
 5
 6