

C6225511

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®

MODEL 700™ M24

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

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

DU PONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6225511

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6225511

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225511

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	8 8	RW
600	Proof	12 9	8 8	RW
607	Check Headspace	12 9	8 8	RW
610	Dis-assemble Gun	12 9	8 8	RW
612	Magnaflux Barrel Action		12 22 88	P/c.
	Magnaflux Bolt		1-3-89	P/c.
615	Rollmark Caliber		12/22/88	WBC.
617	Drill and Tap Sight Holes	1 3	8 9	FB
618	Polish Barrel	12 2	8 8	WPD
620	Apply Coatings (Barrel Action)		1-12-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/7/89	RW
	C) Inspect Ejector Hole for Chamfer		2/7/89	RW
	D) Oil Firing Pin Ass'y		2/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/26/89	JS

op. #	BARBER - M24 0050338 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/26/89	JSJ
	G) Safety Off Force	3	3	3			10/26/89	JSJ
	H) Trigger Pull Test & Retainability						8/26/89	JSJ
	I) Firing Pin Indent	.020	.020	.020			10/26/89	JSJ
	J) Assemble Stock						2/28/89	RW
	K) Assemble Swivel Studs						7/10/89	JSJ
	L) Attach Front and Rear Sight Assemblies						2/28/89	RW
	M) Iron Sight Alignment						2/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/28/89	RW
	O) Attach Scope to Rifle						3/1/89	WB
	P) Detach & Attach Scope 20 Times						3/1/89	WB
640	Gallery Target & Test	74	R	796			3/2/89	DH
	A) Time						3/2/89	DH
	B) Malfunctions						3/2/89	DH
	C) Pierced Primers						3/2/89	DH
	D) Optical Clarity of Scope						3/2/89	DH
645	Inspect for Live Ammo						3/2/89	DH
655	Final Inspection							
	A) Headspace						7/10/89	JSJ
	B) Trigger Pull	2.64	2.58	2.55	2.56	2.55	7/10/89	JSJ
	C) Function						7/10/89	JSJ
660	Pack						23/10/89	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225571

DATE 4-10-90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.34		2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.36		2.53	
PULL #3	2.26	2.21		2.59	
PULL #4	2.30	2.36		2.52	
PULL #5	2.27	2.16		2.42	
TOTAL	11.84	11.43		12.61	
AVG.	2.368	2.286		2.522	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.24		
PULL #2	3.25	3.17		
PULL #3	3.28	3.27		
PULL #4	3.30	3.34		
PULL #5	3.24	3.27		
TOTAL	16.40	16.29		
AVG.	3.28	3.258		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.28		
PULL #2	4.22	4.33		
PULL #3	4.23	4.33		
PULL #4	4.28	4.32		
PULL #5	4.28	4.03		
TOTAL	21.29	21.29		
AVG.	4.258	4.258		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225511
6 Mar 1989

CENTROIDAL DISTANCES

Ø TO	1	.33736
1 TO	2	.158534
1 TO	3	.254262
1 TO	4	.0707248
1 TO	5	.162975

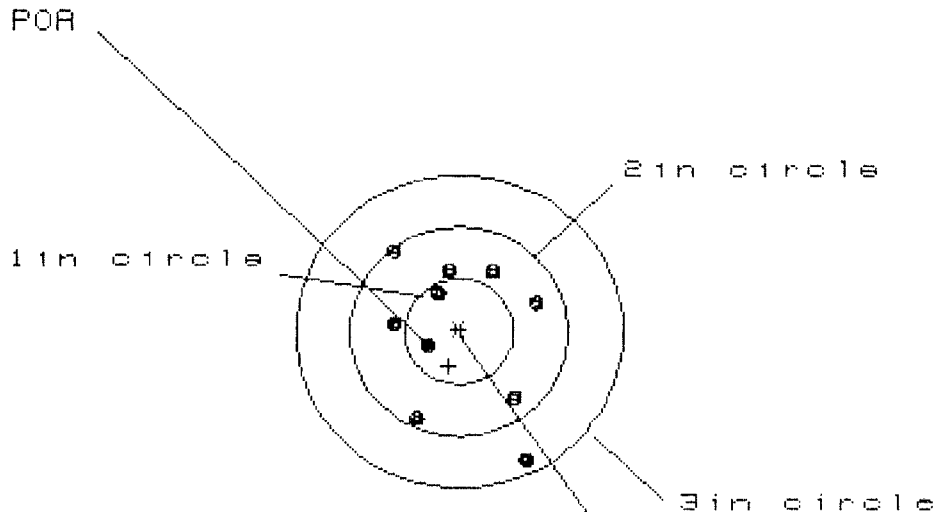
3
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .007
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3868
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .386863
THE AMR FOR THIS RIFLE IS: .9128

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225511

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.272

VS= 1.941

GS= 2.265

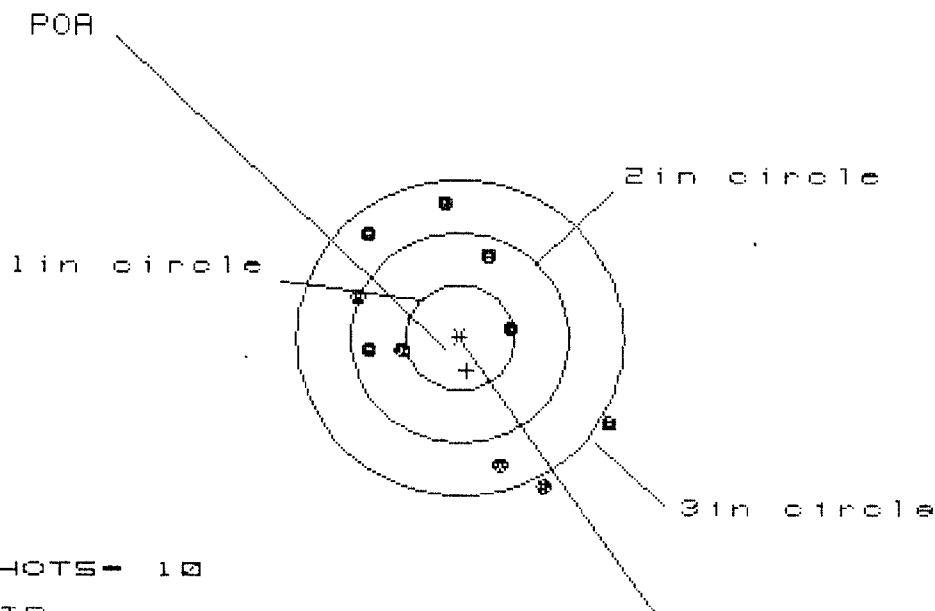
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.698	.764	.702
MINIMUM X	:	-.574	-.508	-.570
MAXIMUM Y	:	.752	.620	.564
MINIMUM Y	:	-1.189	-.965	-.888
CENTROID X	:	.094	.028	.090
CENTROID Y	:	.324	.456	.379
POA TO CENTROID in.	:	.338	.457	.389
MIN RADIUS	:	.351	.278	.369
MEAN RADIUS	:	.740	.641	.633
MAX RADIUS	:	1.332	1.022	.973
HORIZONTAL SPREAD	:	1.272	1.272	1.272
VERTICAL SPREAD	:	1.941	1.585	1.452
EXTREME SPREAD	:	2.265	1.725	1.634
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225511

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.336

VS = 2.656

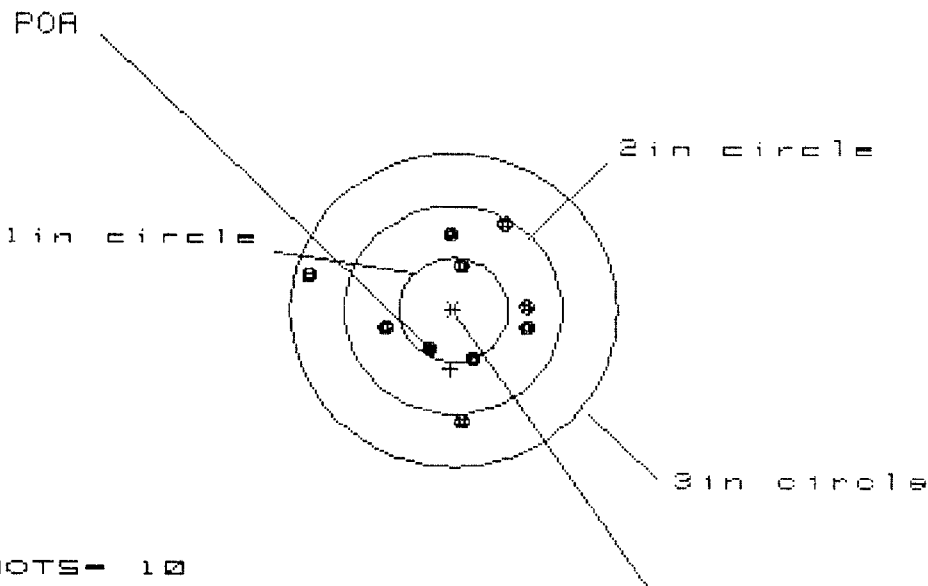
GS = 2.870

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	.932	.764
MINIMUM X	:	-.951	-.797	-.680
MAXIMUM Y	:	1.290	1.201	1.019
MINIMUM Y	:	-1.366	-1.455	-1.483
CENTROID X	:	-.064	-.217	-.334
CENTROID Y	:	.311	.400	.582
POA TO CENTROID in.	:	.317	.456	.671
MIN RADIUS	:	.506	.450	.469
MEAN RADIUS	:	1.081	.994	.868
MAX RADIUS	:	1.602	1.728	1.608
HORIZONTAL SPREAD	:	2.336	1.729	1.444
VERTICAL SPREAD	:	2.656	2.656	2.502
EXTREME SPREAD	:	2.870	2.870	2.549
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225511

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 8

3 in - 10

HS - 2.027

VS - 1.865

GS - 2.077

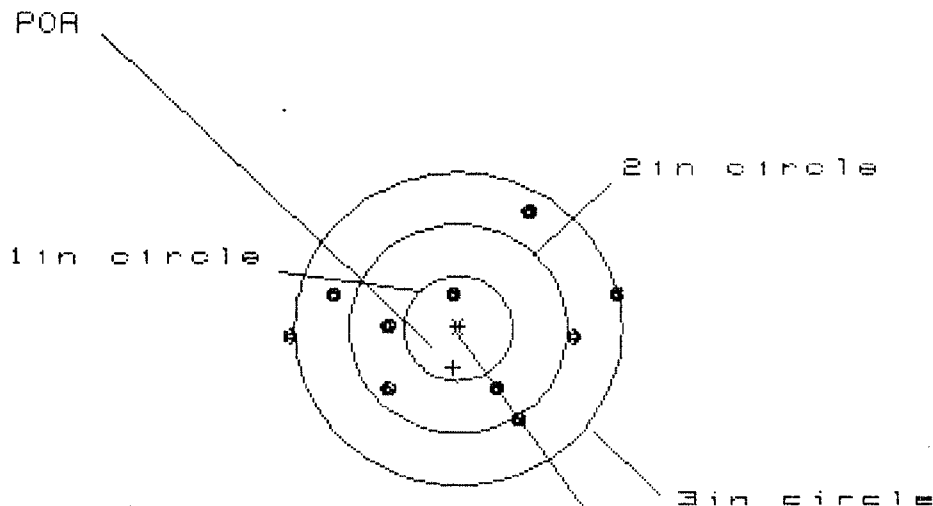
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.698	.550	.547
MINIMUM X	-1.329	-.788	-.791
MAXIMUM Y	.789	.822	.691
MINIMUM Y	-1.076	-1.043	-.564
CENTROID X	.026	.174	.177
CENTROID Y	.569	.536	.667
POA TO CENTROID in.	.570	.564	.690
MIN RADIUS	.421	.434	.329
MEAN RADIUS	.755	.672	.616
MAX RADIUS	1.361	1.044	.836
HORIZONTAL SPREAD	2.027	1.338	1.338
VERTICAL SPREAD	1.865	1.865	1.255
EXTREME SPREAD	2.077	1.907	1.503
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225511

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 3.026

VS = 1.936

GS = 3.056

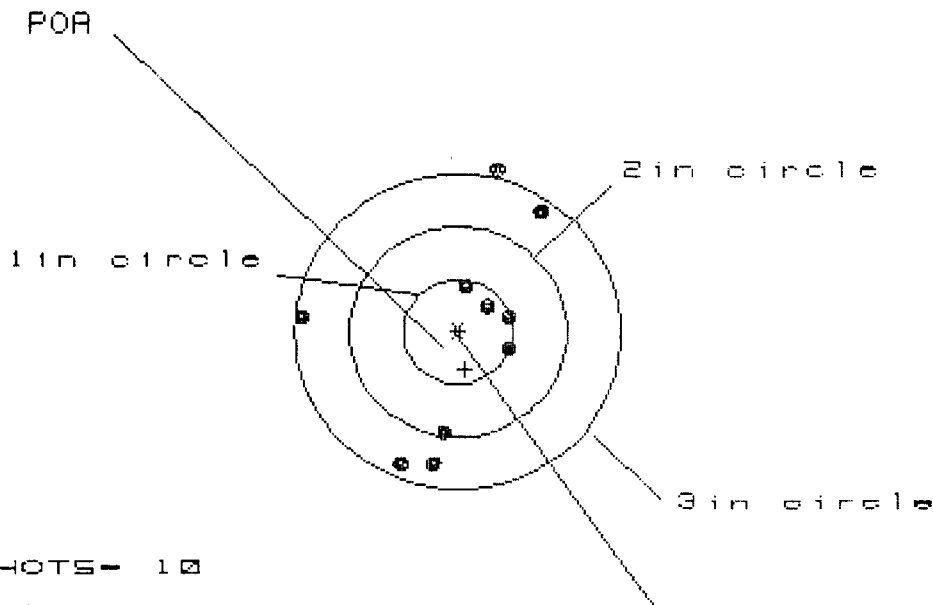
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.446	1.270	.999
MINIMUM X	-1.580	-1.366	-1.207
MAXIMUM Y	1.109	1.101	1.145
MINIMUM Y	-.827	-.835	-.791
CENTROID X	.045	.221	.062
CENTROID Y	.375	.383	.339
POA TO CENTROID in.	.377	.442	.345
MIN RADIUS	.307	.364	.345
MEAN RADIUS	1.008	.940	.877
MAX RADIUS	1.582	1.397	1.314
HORIZONTAL SPREAD	3.026	2.636	2.206
VERTICAL SPREAD	1.936	1.936	1.936
EXTREME SPREAD	3.056	2.637	2.236
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225511

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS = 2.224

VS = 2.870

GS = 3.012

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.791	.834	.661
MINIMUM X	-1.433	-1.390	-.658
MAXIMUM Y	1.581	1.300	1.343
MINIMUM Y	-1.290	-1.114	-1.071
CENTROID X	-.066	-.109	.064
CENTROID Y	.355	.180	.137
POA TO CENTROID in.	.362	.211	.151
MIN RADIUS	.323	.484	.324
MEAN RADIUS	.980	.919	.821
MAX RADIUS	1.627	1.545	1.497
HORIZONTAL SPREAD	2.224	2.224	1.319
VERTICAL SPREAD	2.870	2.414	2.414
EXTREME SPREAD	3.012	2.751	2.751
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER- M24 0050348

COMMENTS

ORDER
R 97-10035

INITIAL ORDER NO.

WOG 2 OF 4
M-24

DATE RECEIVED 05/22/97	DATE OPENED 05/22/97	DATE CODE	SERIAL NUMBER C6225511	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS SCOPE BASE						

FROM:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY 42223

SHIP TO:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY

42223

CUST NO: 149382 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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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

Re-Barrel, Sear Spring Missing from Trigger Assy

PARTS

Barrel 1 96001

COMMENTS

Repowder Coat Trigger Guard
Assy, Front & Rear Sight
Bases

ReZinc Scope Base &
Swivel Studs

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER GW	DATE 5-22-97	DATE 7-14-97	DATE 7-22-97	DATE 7-22-97	DATE

OFFICE COPY

RD0925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050348

2175498

~~B10~~
30

CONTROL COPY 3

BARBER - M24 **M2400050386**

~~B10~~
30

CONTROL COPY 3

BARBER - M24 0050348 **M2400050387**

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225511

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

5-27-97

A

605

CHECK HEADSPACE

5-27-97

A

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

7-14-97

RW

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

7-18-97

RW

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sri: C6225511

DATE REC'D: 5-22-97

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:

BARBER - M24 0050351

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225511
18 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.9362
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.06869

THE AMR FOR THIS RIFLE IS: 1.642

CENTROIDAL DISTANCES

Ø TO	1	1.65379
1 TO	2	2.37616
1 TO	3	2.22078
1 TO	4	1.63138
1 TO	5	2.0444

2

3

5

4

+

<----POA

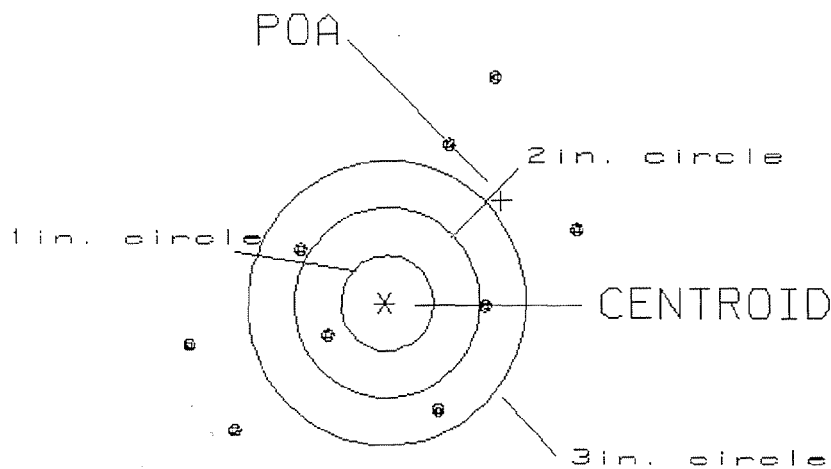
1

PATTERN #: C 1
 POA TO CENTROID: 1.654
 MIN RADIUS : .736
 MEAN RADIUS : 1.727
 MAX RADIUS : 2.625
 CENTROID X : -1.261
 CENTROID Y : -1.070

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511

CENTERFIRE PATTERN # 1



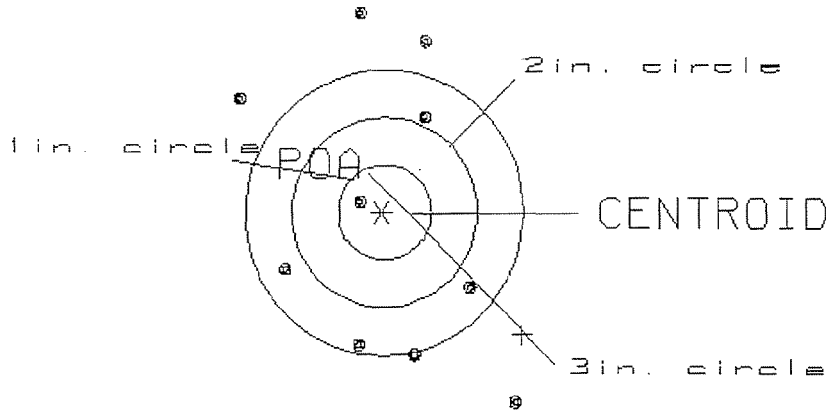
# OF SHOTS= 10	# IN CIRCLE
HS= 4.23	0
VS= 4.48	1
GS= 4.68	4

PATTERN #: C 2 E
 POA TO CENTROID: 2.001
 MIN RADIUS : .269
 MEAN RADIUS : 1.515
 MAX RADIUS : 2.413
 CENTROID X : -1.529
 CENTROID Y : 1.291

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.99
 VS= 4.04
 GS= 4.39

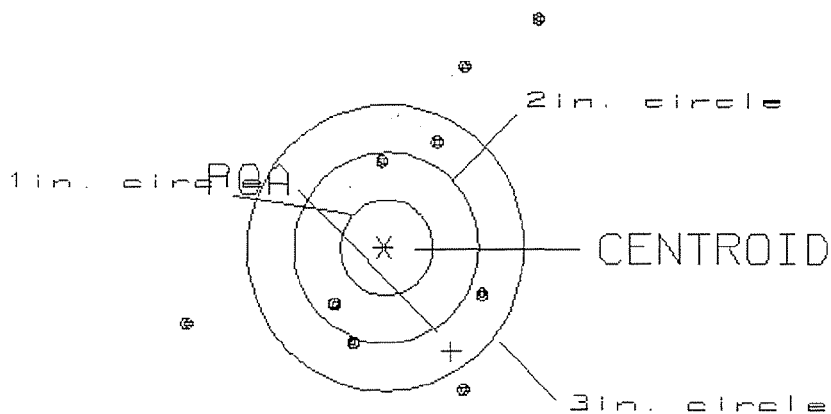
1
 1
 5

PATTERN #: 3
 POA TO CENTROID: 1.320
 MIN RADIUS : .806
 MEAN RADIUS : 1.687
 MAX RADIUS : 2.945
 CENTROID X : -.745
 CENTROID Y : 1.090

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.80

0

VS= 4.47

2

GS= 5.67

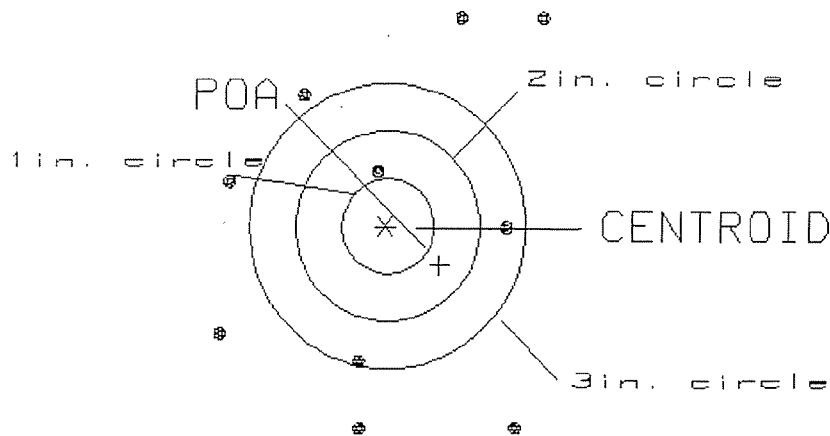
5

PATTERN #: 4
 POA TO CENTROID: .723
 MIN RADIUS : .576
 MEAN RADIUS : 1.862
 MAX RADIUS : 2.764
 CENTROID X : -.590
 CENTROID Y : .417

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.51
 US= 4.29
 GS= 4.86

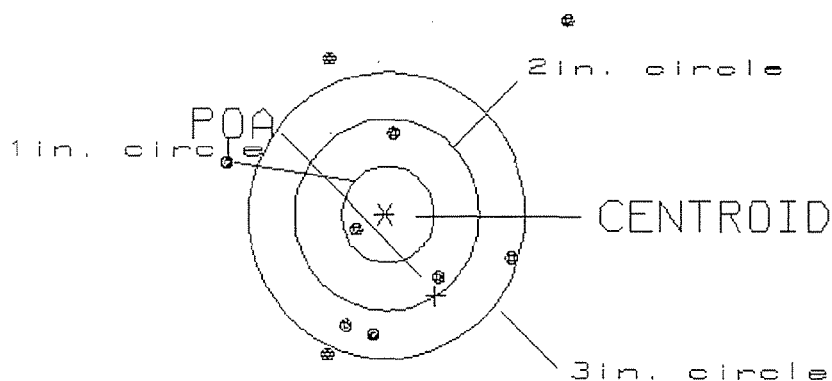
0
 1
 3

PATTERN #: 5
 POA TO CENTROID: 1.015
 MIN RADIUS : .405
 MEAN RADIUS : 1.419
 MAX RADIUS : 2.864
 CENTROID X : -.556
 CENTROID Y : .849

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225511

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.75

1

VS= 3.58

3

GS= 4.44

6

BARBER - M24 0050357

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225511
22 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0258
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .264063

THE AMR FOR THIS RIFLE IS: 1.056

CENTROIDAL DISTANCES

0 TO	1	.465465
1 TO	2	.851474
1 TO	3	.22926
1 TO	4	.262406
1 TO	5	.105309

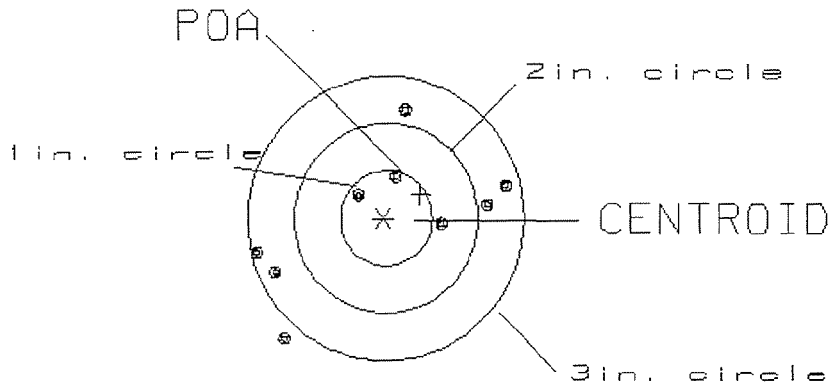
2
3 4 + <----POA
5₁

PATTERN #: 1
 POA TO CENTROID: .466
 MIN RADIUS : .394
 MEAN RADIUS : 1.017
 MAX RADIUS : 1.616
 CENTROID X : -.397
 CENTROID Y : -.243

22 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225511.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.69
 VS= 2.37
 GS= 2.80

2
 4
 9

REMINGTON CENTERFIRE ACCURACY TEST

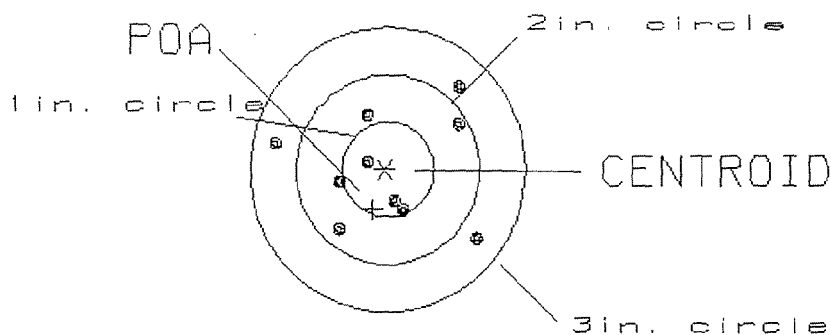
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .445
 MIN RADIUS : .279
 MEAN RADIUS : .752
 MAX RADIUS : 1.268
 CENTROID X : .131
 CENTROID Y : .425

22 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

H3= 2.23

3

U5= 1.60

7

GS= 2.45

10

REMINGTON CENTERFIRE ACCURACY TEST

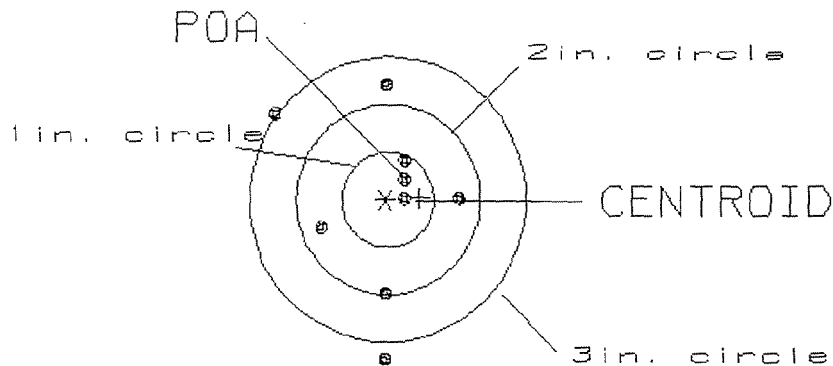
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .373
 MIN RADIUS : .169
 MEAN RADIUS : .854
 MAX RADIUS : 1.640
 CENTROID X : -.373
 CENTROID Y : -.015

22 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.02

3

VS= 2.04

7

GS= 2.06

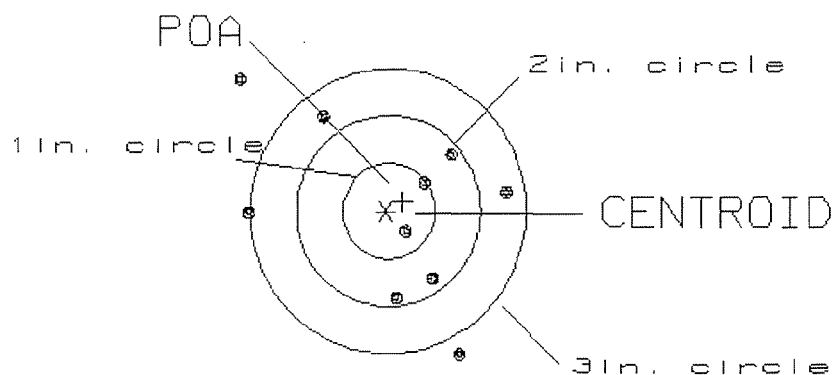
8

PATTERN #: 4
 POA TO CENTROID: .204
 MIN RADIUS : .270
 MEAN RADIUS : 1.113
 MAX RADIUS : 2.085
 CENTROID X : -.181
 CENTROID Y : -.094

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225511.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.82
 VS= 2.87
 GS= 3.72

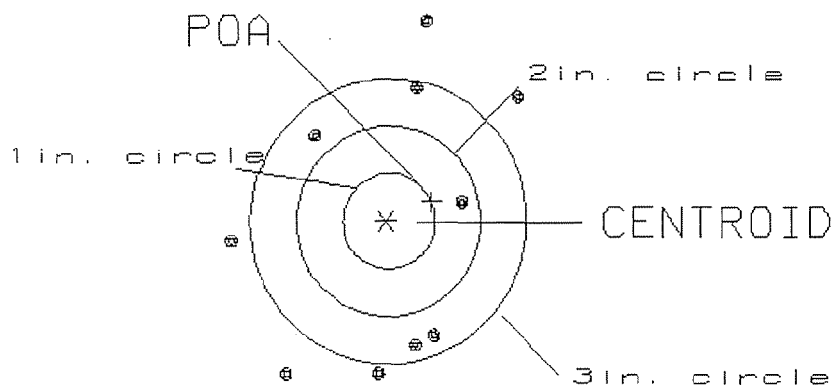
1
 5
 8

PATTERN #: 5
 POA TO CENTROID: .534
 MIN RADIUS : .838
 MEAN RADIUS : 1.544
 MAX RADIUS : 2.112
 CENTROID X : -.494
 CENTROID Y : -.202

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225511.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.15
 VS= 3.71
 GS= 4.03

0
 1
 5