

C6225273

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



Remington®

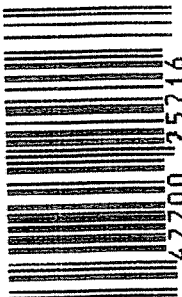
MODEL 700™ H24

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.

SERIAL NO.
06225273

ORDER NO.
5716



UPC 0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225273

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/25/88	WAC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	W/T
620	Apply Coatings (Barrel Action)		1-16-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	LS

op. #	BARBER - M24 0011918 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10 Feb 89	JSS
	G) Safety Off Force	3	3	3			10 Feb 89	JSS
	H) Trigger Pull Test & Retainability						9 Feb 89	JSS
	I) Firing Pin Indent	.0205	.0205	.021			10 Feb 89	JSS
	J) Assemble Stock						2/27/89	RLW
	K) Assemble Swivel Studs						6 Mar 89	JSS
	L) Attach Front and Rear Sight Assemblies						2/27/89	RLW
	M) Iron Sight Alignment						2/27/89	RLW
	N) Detach Front & Rear Sights & place in numbered container						2/27/89	RLW
	O) Attach Scope to Rifle						2/27/89	WLB
	P) Detach & Attach Scope 20 Times						2/27/89	WLB
640	Gallery Target & Test	78 R	73 L				3-1-89	AC
	A) Time						"	AC
	B) Malfunctions				NONE		"	AC
	C) Pierced Primers				NONE		"	AC
	D) Optical Clarity of Scope				OK		"	AC
645	Inspect for Live Ammo				NONE		3-1-89	AC
655	Final Inspection							
	A) Headspace						6 Mar 89	JSS
	B) Trigger Pull	2.55	2.63	2.65	2.58	2.73	6 Mar 89	JSS
	C) Function						6 Mar 89	JSS
660	Pack						23 Mar 89	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5273

DATE 6/29/90

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.32	2.30		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.31	2.36		
PULL #3	2.34	2.31	2.31		
PULL #4	2.33	2.41	2.42		
PULL #5	2.28	2.36	2.36		
TOTAL	11.67	11.71	11.75		
AVG.	2.334	2.342	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.40		
PULL #2	3.39	3.41		
PULL #3	3.41	3.43		
PULL #4	3.39	3.34		
PULL #5	3.43	3.40		
TOTAL	17.07	16.98		
AVG.	3.414	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.39		4.44
PULL #2	4.38	4.40		4.43
PULL #3	4.37	4.41		4.43
PULL #4	4.39	4.39		4.44
PULL #5	4.38	4.41		4.42
TOTAL	21.94	22.00		22.16
AVG.	4.388	4.4		4.432

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225273
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.437138
1 TO	2	.346746
1 TO	3	.720378
1 TO	4	.193041
1 TO	5	.840004

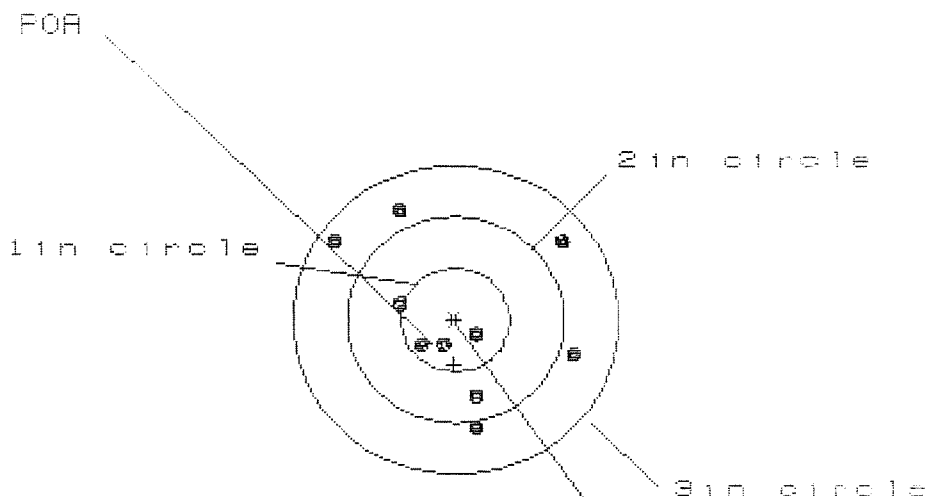
$\frac{x_1}{x_2} + \frac{x_3}{x_4}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1936
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0912
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214006
THE AMR FOR THIS RIFLE IS: .8802

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225273

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.154

VS= 2.059

GS= 2.456

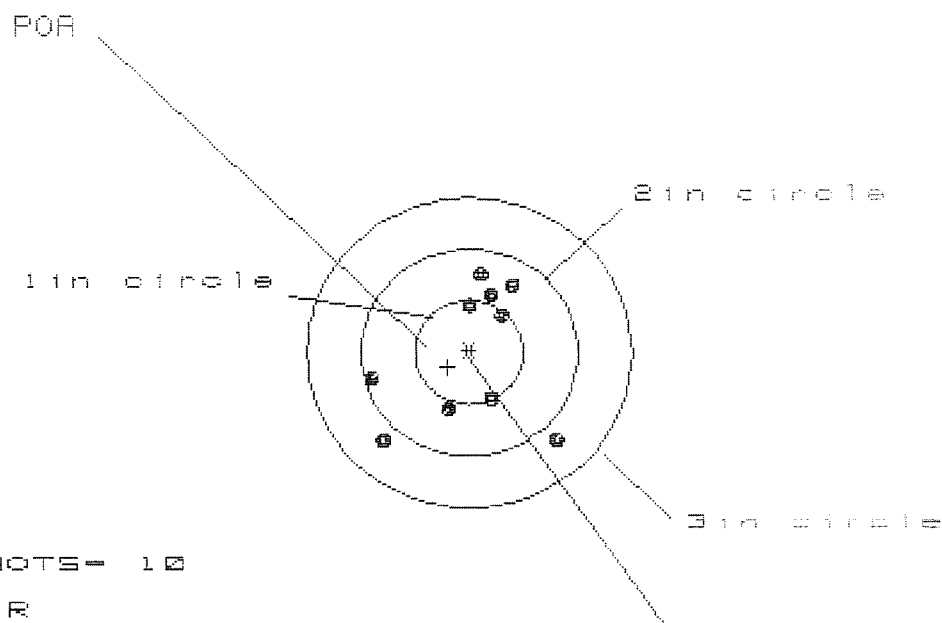
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	.963	1.073
MINIMUM X	-1.072	-.649	-.539
MAXIMUM Y	1.055	1.143	1.251
MINIMUM Y	-1.004	-.916	-.808
CENTROID X	.011	.130	.020
CENTROID Y	.437	.349	.241
POA TO CENTROID in.	.437	.373	.242
MIN RADIUS	.231	.091	.148
MEAN RADIUS	.814	.739	.637
MAX RADIUS	1.334	1.315	1.362
HORIZONTAL SPREAD	2.154	1.612	1.612
VERTICAL SPREAD	2.059	2.059	2.059
EXTREME SPREAD	2.456	2.182	2.182
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225273

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.667

VS= 1.563

GS= 1.928

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.754	.668	.401
MINIMUM X	:	-.913	-.999	-.916
MAXIMUM Y	:	.723	.630	.516
MINIMUM Y	:	-.840	-.911	-.762
CENTROID X	:	.198	.284	.201
CENTROID Y	:	.145	.238	.352
POA TO CENTROID in.	:	.246	.371	.405
MIN RADIUS	:	.437	.321	.260
MEAN RADIUS	:	.728	.656	.572
MAX RADIUS	:	1.141	1.130	1.010
HORIZONTAL SPREAD	:	1.667	1.667	1.317
VERTICAL SPREAD	:	1.563	1.541	1.278
EXTREME SPREAD	:	1.928	1.772	1.599
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/C8225273

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 3.210

VS= 2.473

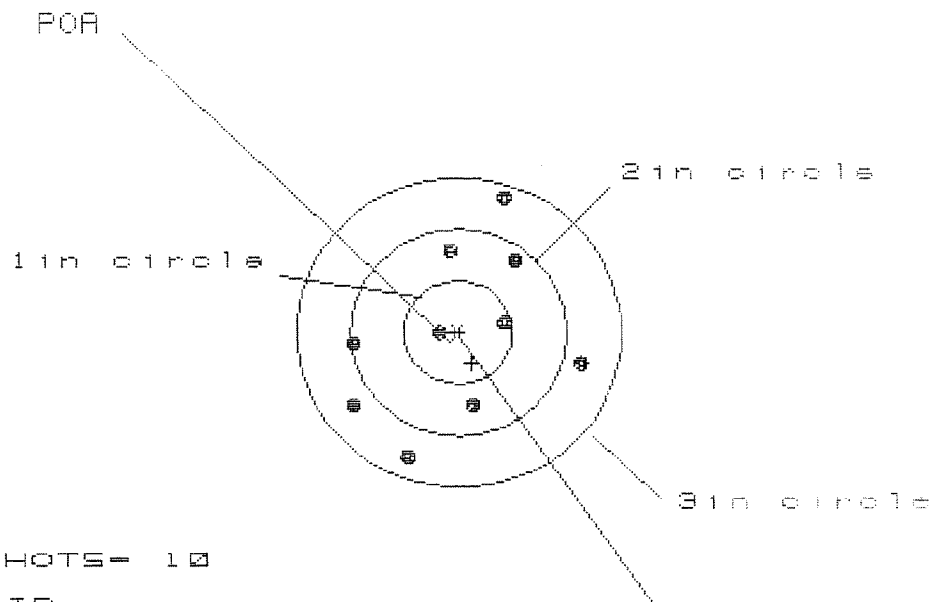
GS= 3.343

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.937	1.211	1.091
MINIMUM X	:	-1.273	-1.058	-1.178
MAXIMUM Y	:	1.201	1.194	1.034
MINIMUM Y	:	-1.272	-1.279	-1.720
CENTROID X	:	.391	.176	.296
CENTROID Y	:	-.175	-.168	-.008
POA TO CENTROID in.	:	.428	.243	.296
MIN RADIUS	:	.066	.097	.160
MEAN RADIUS	:	1.065	.958	.886
MAX RADIUS	:	1.938	1.601	1.360
HORIZONTAL SPREAD	:	3.210	2.269	2.269
VERTICAL SPREAD	:	2.473	2.473	1.754
EXTREME SPREAD	:	3.343	3.129	2.578
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225273

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.116

VS= 2.567

GS= 2.716

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	1.200	1.150
MINIMUM X	:	-.964	-.916	-.956
MAXIMUM Y	:	1.332	.965	.829
MINIMUM Y	:	-1.235	-1.087	-.724
CENTROID X	:	-.125	-.173	-.123
CENTROID Y	:	.300	.152	.288
POA TO CENTROID in.	:	.325	.230	.313
MIN RADIUS	:	.153	.211	.159
MEAN RADIUS	:	.907	.854	.795
MAX RADIUS	:	1.401	1.210	1.207
HORIZONTAL SPREAD	:	2.116	2.116	2.116
VERTICAL SPREAD	:	2.567	2.052	1.553
EXTREME SPREAD	:	2.716	2.170	2.161
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225273

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 1.883

VS= 2.280

GS= 2.535

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.036	.942	.932
MINIMUM X	:	-.847	-.894	-.904
MAXIMUM Y	:	1.188	1.007	.887
MINIMUM Y	:	-1.092	-.960	-1.036
CENTROID X	:	.493	.587	.597
CENTROID Y	:	-.251	-.383	-.263
POA TO CENTROID in.	:	.553	.701	.653
MIN RADIUS	:	.356	.426	.313
MEAN RADIUS	:	.887	.827	.793
MAX RADIUS	:	1.459	1.046	1.048
HORIZONTAL SPREAD	:	1.883	1.836	1.836
VERTICAL SPREAD	:	2.280	1.967	1.923
EXTREME SPREAD	:	2.535	1.988	1.923
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

File Edit Repair Estimate Repair Extended Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00022086** Serial: C6225273 Model: 700 CenterFire Caliber: 7.62 NATO M-24 (SW/S) Repairman: Status: Closed 1/31/01 11:44:49 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: TRANS OFFICER TRANS OFFICER

Address 1: CRP CRP

Address 2: BLDG 5207 PD Box: BLDG 5207 PD Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 52223 Country: US State: KY Zip Code: 52223 Country: US

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: Fair

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
AD07	With Stud	1
AD10	Hard Case	1
AD17	Scope Base	1

Repair Search Refresh Close

Start 1/31/01 1:38 PM NUM

Start 1/31/01 1:38 PM

Serial Number: **C6225273**

Model: **700**



RE00022086

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

R & E NUMBER <u>22086</u>			
SERIAL NUMBER <u>C-6225273</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>2-2-01</u>	<u>ck</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	<u>2-12-01</u>	<u>ck</u>
610	DIS-ASSEMBLE GUN	<u>2-12-01</u>	<u>ck</u>
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	<u>3-13-01</u>	<u>ck</u>
655	FINAL INSPECT	<u>3-15-01</u>	<u>ck</u>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: C-62252 73

DATE REC'D: 1-31-01

DATE RET'D:

Auditor: CK

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 0011929

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225273
16 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0796
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1426
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163312

THE AMR FOR THIS RIFLE IS: 1.027

CENTROIDAL DISTANCES

Ø TO	1	.305949
1 TO	2	.150283
1 TO	3	.080604
1 TO	4	.493277
1 TO	5	.287179

13₂
5
4 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

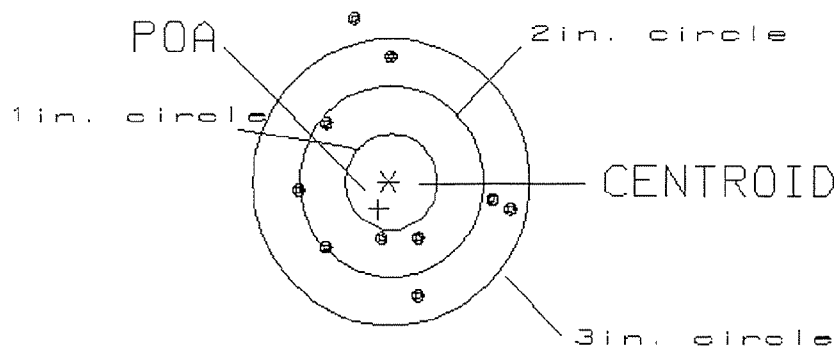
PATTERN #: 1

POA TO CENTROID: .306
 MIN RADIUS : .622
 MEAN RADIUS : 1.091
 MAX RADIUS : 1.738
 CENTROID X : .106
 CENTROID Y : .287

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225273

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.30

0

VS= 2.86

5

GS= 2.92

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

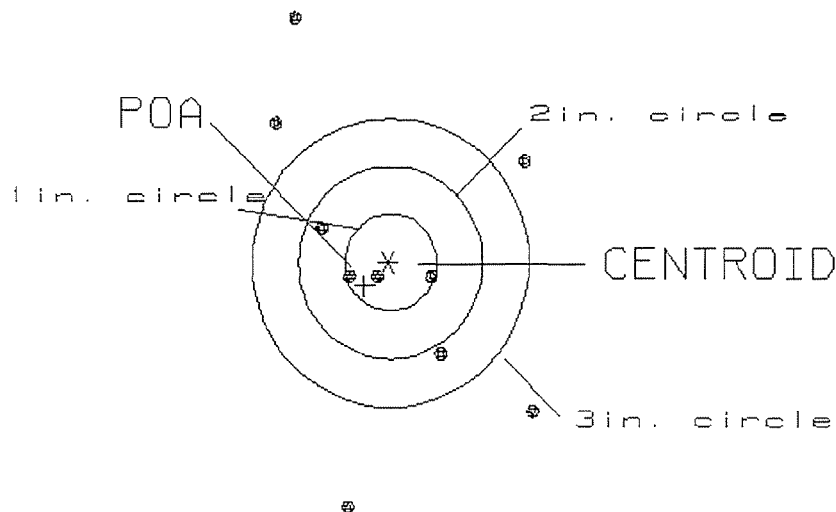
PATTERN #: 2

POA TO CENTROID: .350
MIN RADIUS : .171
MEAN RADIUS : 1.424
MAX RADIUS : 2.709
CENTROID X : .250
CENTROID Y : .244

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225273

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.83
VS= 5.05
GS= 5.08

2
4
5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

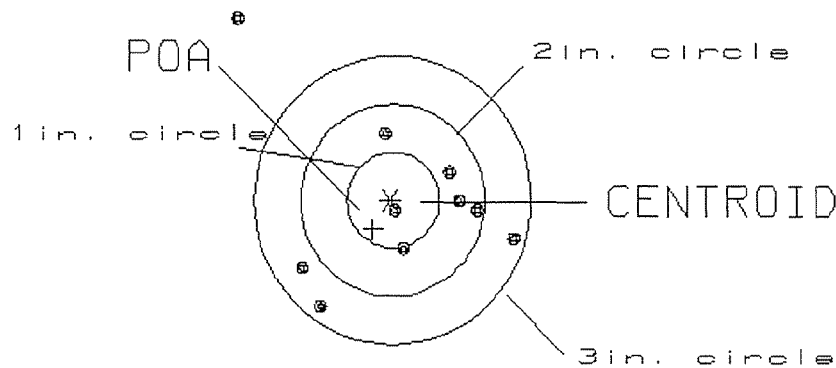
PATTERN #: 3

POA TO CENTROID: .355
 MIN RADIUS : .071
 MEAN RADIUS : 1.004
 MAX RADIUS : 2.548
 CENTROID X : .185
 CENTROID Y : .303

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225273

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.03
 VS= 3.00
 GS= 3.77

2
 6
 9

BARBER - M24 0011933

REMINGTON CENTERFIRE ACCURACY TEST

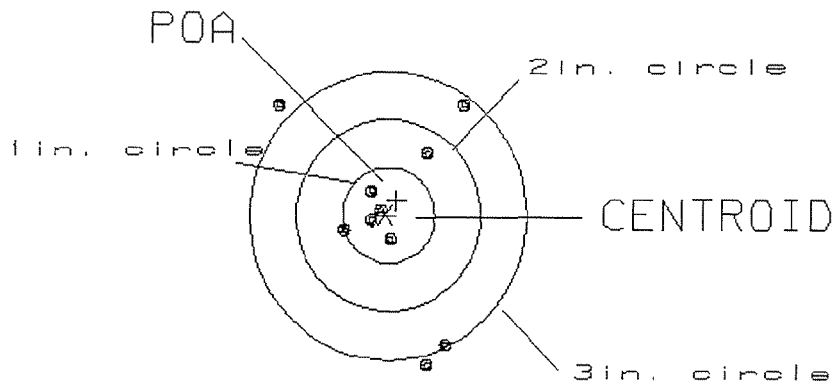
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: C 4 C

POA TO CENTROID: .192
MIN RADIUS : .070
MEAN RADIUS : .826
MAX RADIUS : 1.656
CENTROID X : -.115
CENTROID Y : -.154

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225273

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.02

4

VS= 2.64

6

GS= 3.07

8

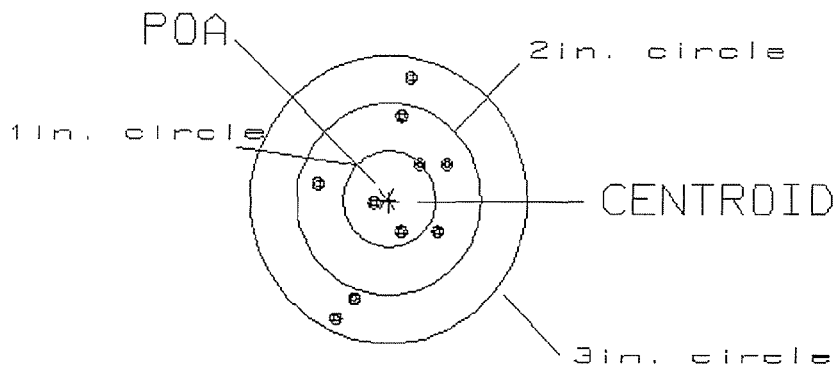
PATTERN #: 5

POA TO CENTROID: .043
 MIN RADIUS : .219
 MEAN RADIUS : .790
 MAX RADIUS : 1.341
 CENTROID X : -.028
 CENTROID Y : .033

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225273

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.41
 VS= 2.52
 GS= 2.66

3
 7
 10