

06348838

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
 C6048838

ORDER NO.
 5716

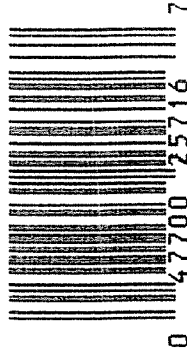
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6048838

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348838

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14	89	KCR
	Magnaflux Bolt	9-14	89	KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	TE
618	Polish Barrel	9 15	89	ET
620	Apply Coatings (Barrel Action)		9-15-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		28 Sep 89	928

BARBER - M24 0039449		READINGS				DATE	INIT
op. #	OP. NAME						
625 cont.	F) Safety On Force	4	4	4		9/28/89	9/28
	G) Safety Off Force	3	3	3		9/28/89	9/28
	H) Trigger Pull Test & Retainability					28 Sep 89	9/28
	I) Firing Pin Indent	.0215	.021	.0215		9/28/89	9/28
	J) Assemble Stock					10/9/89	RW
	K) Assemble Swivel Studs					11/5/89	9/28
	L) Attach Front and Rear Sight Assemblies					10/9/89	RW
	M) Iron Sight Alignment					10/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container					10/9/89	RW
	O) Attach Scope to Rifle					9 Oct 89	9/28
	P) Detach & Attach Scope 20 Times					9 Oct 89	9/28
640	Gallery Target & Test					10-10-89	DH
	A) Time					10-10-89	DH
	B) Malfunctions					10-10-89	DH
	C) Pierced Primers					10-10-89	DH
	D) Optical Clarity of Scope					10-10-89	DH
645	Inspect for Live Ammo					10-10-89	DH
655	Final Inspection						
	A) Headspace					11/5/89	9/28
	B) Trigger Pull	252	254	249	247	246	11/5/89
	C) Function					11/5/89	9/28
660	Pack					14 Dec 89	9/28

BARBER - M24 0039450

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#

3.00#+.75#

4.00#+1.00#

SERIAL NO. 8838

DATE 22 MAR 90

TESTER JSS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.59		2.78	MIN. SETTING,
PULL #2	2.53	2.61		2.76	NO AVG. OF 5
PULL #3	2.57	2.47		2.73	READINGS ACCEPT-
PULL #4	2.58	2.58		2.72	ABLE LESS THAN 2#
PULL #5	2.59	2.63		2.71	
TOTAL	12.77	12.88			
AVG.	2.554	2.576			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.44		
PULL #2	3.43	3.47		
PULL #3	3.38	3.43		
PULL #4	3.42	3.47		
PULL #5	3.45	3.48		
TOTAL	17.16	17.29		
AVG.	3.432	3.458		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.17		
PULL #2	4.22	4.21		
PULL #3	4.24	4.19		
PULL #4	4.29	4.23		
PULL #5	4.16	4.24		
TOTAL	20.94	21.04		
AVG.	4.188	4.208		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348838
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.278792
1 TO	2	.574178
1 TO	3	.200569
1 TO	4	.590485
1 TO	5	.518693

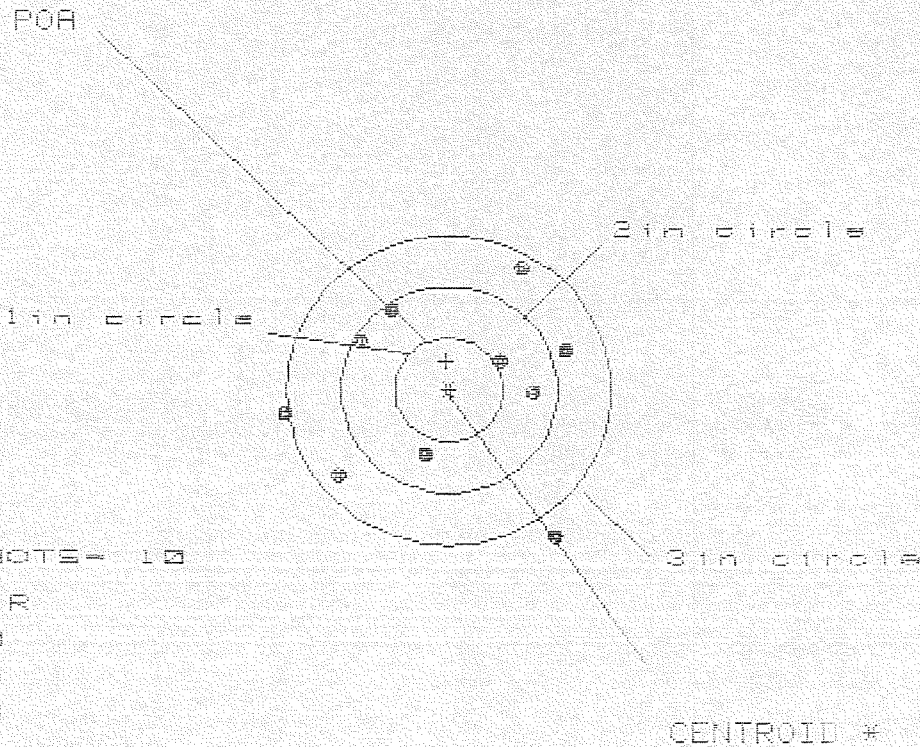
$\frac{4}{3}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0042
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .005
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00652993
THE RMR FOR THIS RIFLE IS: .9428

11 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08548838

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.570

VS= 2.612

GS= 2.778

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	1.212	1.030
MINIMUM X	-1.561	-1.458	-1.035
MAXIMUM Y	1.213	1.058	1.016
MINIMUM Y	-1.399	-1.014	-1.056
CENTROID X	.021	-.082	.100
CENTROID Y	-.278	-.123	-.081
POA TO CENTROID in.	.279	.148	.123
MIN RADIUS	.586	.633	.447
MEAN RADIUS	1.097	1.021	.937
MAX RADIUS	1.682	1.495	1.495
HORIZONTAL SPREAD	2.670	2.670	2.085
VERTICAL SPREAD	2.612	2.072	2.072
EXTREME SPREAD	2.778	2.722	2.056
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	8	8	8

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340830

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.520

VS= 2.651

GS= 2.962

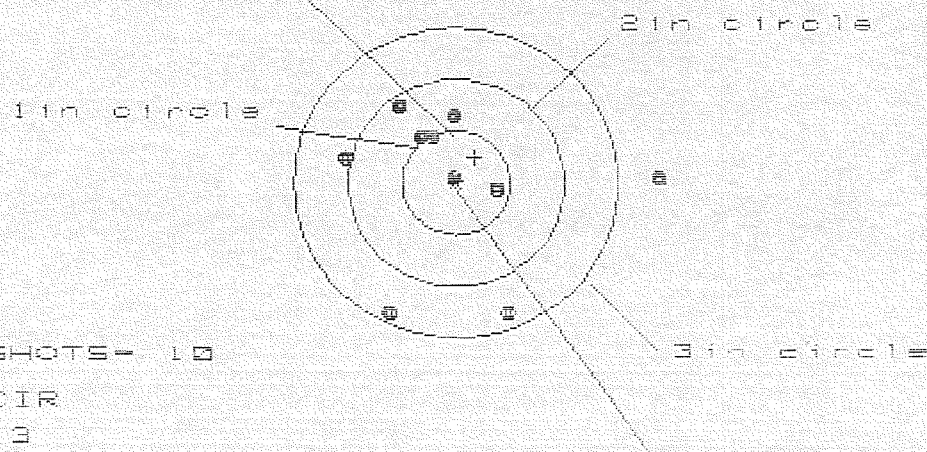
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.844	.928	.867
MINIMUM X	:	-.876	-.592	-.653
MAXIMUM Y	:	1.534	1.276	1.158
MINIMUM Y	:	-1.117	-.947	-.728
CENTROID X	:	.317	.233	.294
CENTROID Y	:	.214	.044	.162
POA TO CENTROID in.	:	.383	.237	.336
MIN RADIUS	:	.085	.176	.085
MEAN RADIUS	:	.829	.717	.661
MAX RADIUS	:	1.708	1.289	1.183
HORIZONTAL SPREAD	:	1.520	1.520	1.520
VERTICAL SPREAD	:	2.651	2.223	1.885
EXTREME SPREAD	:	2.962	2.243	2.182
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348838

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.824

VS= 2.000

GS= 2.830

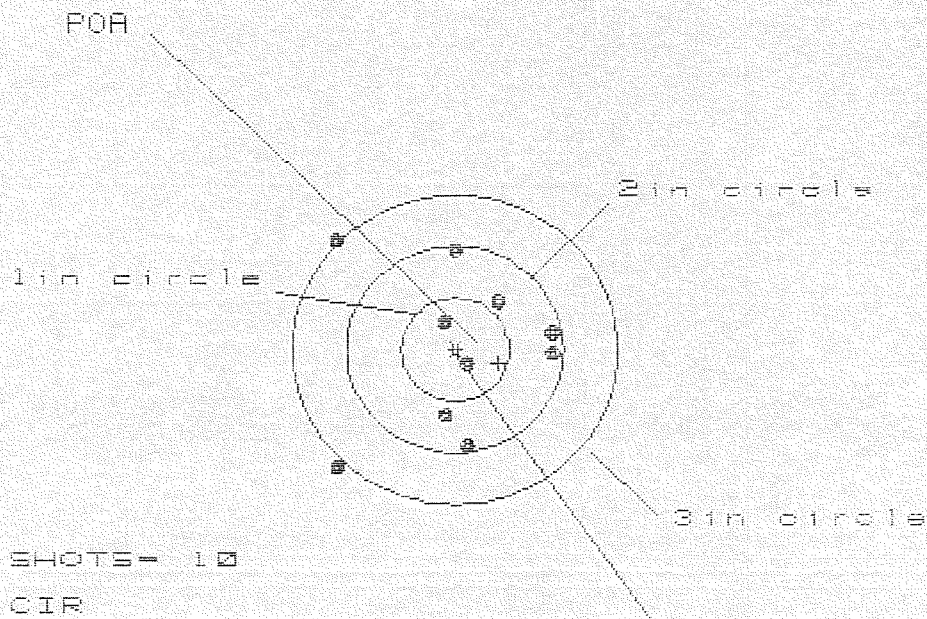
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.844	.676	.623
MINIMUM X	-.980	-.776	-.829
MAXIMUM Y	.711	.719	.558
MINIMUM Y	-1.297	-1.289	-1.406
CENTROID X	-.177	-.381	-.328
CENTROID Y	-.246	-.254	-.093
POA TO CENTROID in.	.303	.458	.341
MIN RADIUS	.036	.207	.190
MEAN RADIUS	.854	.745	.608
MAX RADIUS	1.845	1.417	1.538
HORIZONTAL SPREAD	2.824	1.452	1.452
VERTICAL SPREAD	2.008	2.008	1.964
EXTREME SPREAD	2.830	2.206	2.206
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

01 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08345838

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 8

HS= 2.033

VS= 2.227

GS= 2.427

CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.890
MINIMUM X	-1.143
MAXIMUM Y	1.076
MINIMUM Y	-1.151
CENTROID X	-.402
CENTROID Y	.134
POA TO CENTROID in.	.424
MIN RADIUS	.185
MEAN RADIUS	.856
MAX RADIUS	1.622
HORIZONTAL SPREAD	2.033
VERTICAL SPREAD	2.227
EXTREME SPREAD	2.427
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	8

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B838

CENTERFIRE PATTERNS # 5

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS = 1.209

VS = 2.784

GS = 2.867

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.551	.478	.446
MINIMUM X	-.658	-.700	-.640
MAXIMUM Y	1.396	1.551	1.460
MINIMUM Y	-1.388	-1.233	-1.040
CENTROID X	.220	.293	.293
CENTROID Y	.201	.046	-.147
FOR TO CENTROID in.	.298	.297	.276
MIN RADIUS	.199	.103	.293
MEAN RADIUS	1.078	1.007	.928
MAX RADIUS	1.539	1.623	1.602
HORIZONTAL SPREAD	1.209	1.178	1.086
VERTICAL SPREAD	2.784	2.784	2.508
EXTREME SPREAD	2.867	2.867	2.556
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

Repair Number: RE00018378	Serial: C6348838 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Repairman: _____
Verify Repair	Status: Closed 12/5/00 7:56:08 AM	

Address Information	
Customer: ☒ Received From	Return To: ☒ Received From
Name: COMMANDER	COMMANDER
Address 1: HSC 3/10 SFG (A)	HSC 3/10 SFG (A)
Address 2: _____ PO Box: _____	_____ PO Box: _____
City: FORT CARSON	FORT CARSON
State: CO Zip Code: 80913 Country: US	State: CO Zip Code: 80913 Country: US
FEL: _____	

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information: Phone: _____ Fax: _____ Email: _____ Comments: _____	Received Condition: Poor Condition Notes: _____ CSR Notes: _____			Accessories Received: <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>X</td> <td>BI-POD</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1	X	BI-POD	1
Code	Desc	Qty																							
A007	With Stud	1																							
A008	With Swivel	1																							
A016	Scope Mounts	1																							
A017	Scope Base	1																							
A026	Scope	1																							
X	BI-POD	1																							

Repair Search	Refresh	Close
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neglect	12/5/00	9:29 AM	NUM
Start	In	SN	JA
M	S	S	E
P	Y	m	

Number: **C6348838**

Model: **700**



RE00018378

Final Inspection

Sn: C6348838

DATE REC'D: 11-30-00

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:

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

R & E NUMBER 18328			
SERIAL NUMBER C6348838			
LOG-IN DATE 11-30-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-16-00	CK
605	CHECK HEADSPACE	12-16-00	CK
610	DIS-ASSEMBLE GUN		
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	12-18-00	CK
655	FINAL INSPECT	12-26-00	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0039460

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348838
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.4026$

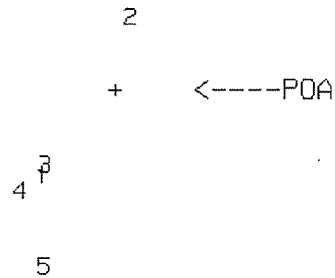
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.4908$

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.6348$

THE AMR FOR THIS RIFLE IS: 1.265

CENTROIDAL DISTANCES

Ø TO	1	.752644
1 TO	2	1.2135
1 TO	3	.0641249
1 TO	4	.192481
1 TO	5	.61302

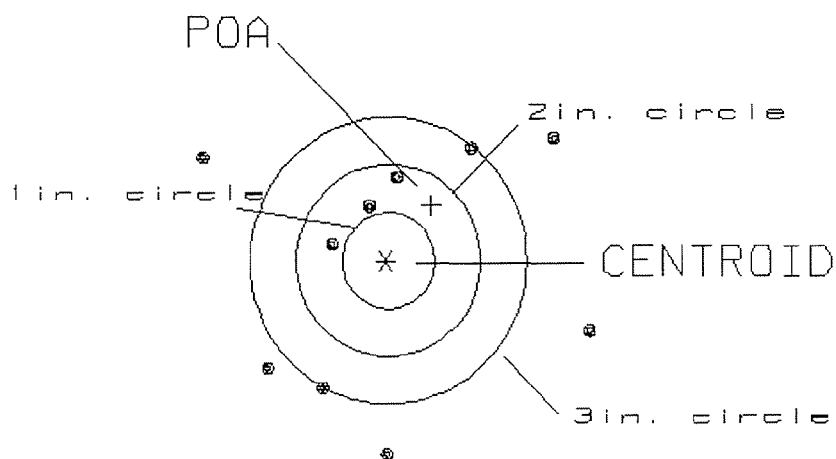


PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .753
 MIN RADIUS : .592
 MEAN RADIUS : 1.559
 MAX RADIUS : 2.325
 CENTROID X : -.488
 CENTROID Y : -.573

10 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.23

0

VS= 3.23

3

GS= 4.61

4

BARBER - M24 0039462

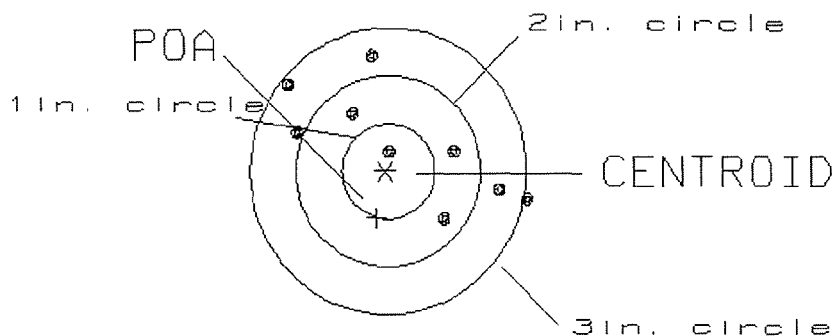
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
POA TO CENTROID: .502
MIN RADIUS : .252
MEAN RADIUS : 1.187
MAX RADIUS : 2.889
CENTROID X : .090
CENTROID Y : .494

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.84

1

VS= 3.79

4

GS= 3.97

8

BARBER - M24 0039463

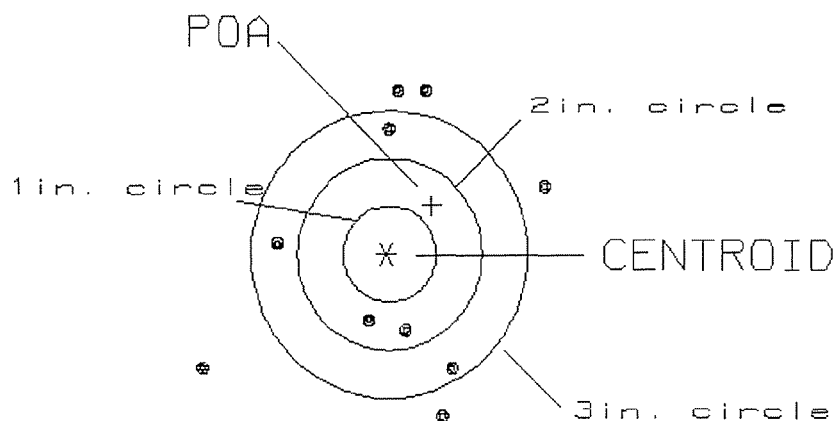
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .702
MIN RADIUS : .706
MEAN RADIUS : 1.490
MAX RADIUS : 2.386
CENTROID X : -.484
CENTROID Y : -.509

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348838

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.71

0

VS= 3.41

2

GS= 4.18

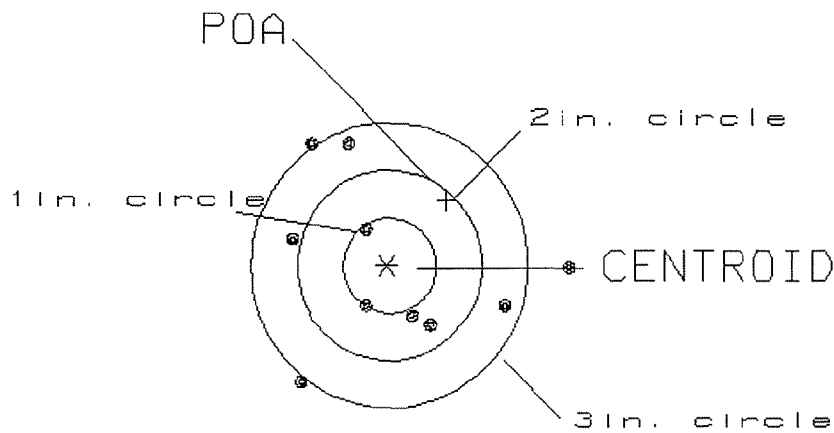
5

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .939
 MIN RADIUS : .483
 MEAN RADIUS : 1.113
 MAX RADIUS : 1.903
 CENTROID X : -.648
 CENTROID Y : -.680

10 Jan 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c5348838

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97
 VS= 2.47
 GS= 3.10

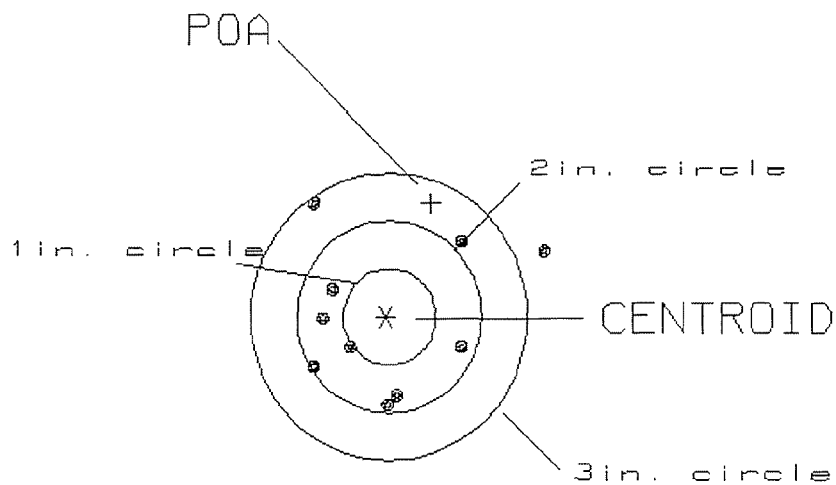
2
 4
 7

PATTERN #: 5
 POA TO CENTROID: 1.280
 MIN RADIUS : .554
 MEAN RADIUS : .977
 MAX RADIUS : 1.780
 CENTROID X : -.483
 CENTROID Y : -1.186

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340030

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.50

0

VS= 2.00

7

GS= 2.76

9