

06225349

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM 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.

REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
06225049

ORDER NO.
5716

20

UPC

0 47700 25716 7

5716 06225049

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225349

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	PK.
	Magnaflux Bolt		1-3-89	PK.
615	Rollmark Caliber		12/22/88	WBC
617	Drill and Tap Sight Holes	12 9 80		FB
618	Polish Barrel	12 2 88		WJT
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		10/26/89	QD

op. #	BARBER - M24 0013389 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17/26/89	JS
	G) Safety Off Force	3	3	3			17/26/89	JS
	H) Trigger Pull Test & Retainability						10/26/89	JS
	I) Firing Pin Indent	.020	.020	.021			17/26/89	JS
	J) Assemble Stock						2/23/89	RW
	K) Assemble Swivel Studs						24/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/23/89	RW
	M) Iron Sight Alignment						2/23/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/23/89	RW
	O) Attach Scope to Rifle						23/26/89	JS
	P) Detach & Attach Scope 20 Times						23/26/89	JS
640	Gallery Target & Test	62R	91L				2-24-89	AC
	A) Time						"	K
	B) Malfunctions			NONE			"	K
	C) Pierced Primers			NONE			"	K
	D) Optical Clarity of Scope			OK			"	K
645	Inspect for Live Ammo			NONE			2-24-89	AC
655	Final Inspection							
	A) Headspace						24/26/89	JS
	B) Trigger Pull	266	2.75	238	2.64	2.56	24/26/89	JS
	C) Function						24/26/89	JS
660	Pack						3/27	W.B.

BARBER - M24 0013390

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225349DATE 3/27/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.25	2.32	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.26	2.35	
PULL #3	2.18	2.27	2.34	
PULL #4	2.21	2.24	2.30	
PULL #5	2.17	2.24	2.36	
TOTAL	11.03	11.33	11.71	
AVG.	2.21	2.26	2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.35	
PULL #2	3.18	3.34	
PULL #3	3.23	3.35	
PULL #4	3.20	3.31	
PULL #5	3.22	3.39	
TOTAL	16.01	16.74	
AVG.	3.21	3.34	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.30		
PULL #2	4.21	4.31		
PULL #3	4.25	4.25		
PULL #4	4.28	4.24		
PULL #5	4.30	4.31		
TOTAL	21.27	21.41		
AVG.	4.25	4.28		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225349
24 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.466075
1 TO	2	.308058
1 TO	3	.552359
1 TO	4	.598703
1 TO	5	.532226

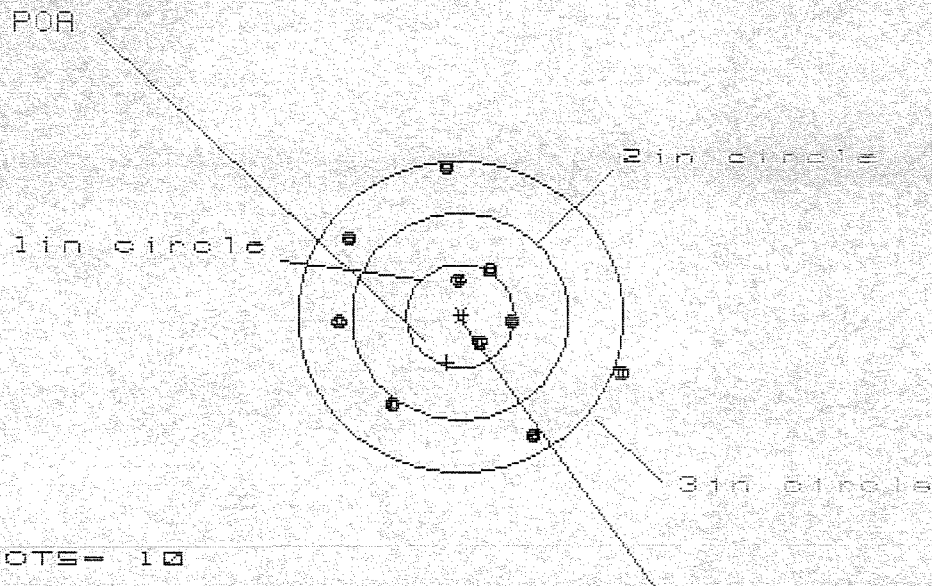
$\phi^{\frac{1}{2}}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .222676
THE AMR FOR THIS RIFLE IS: 1.015

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225349

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.567

VS= 2.576

GS= 2.857

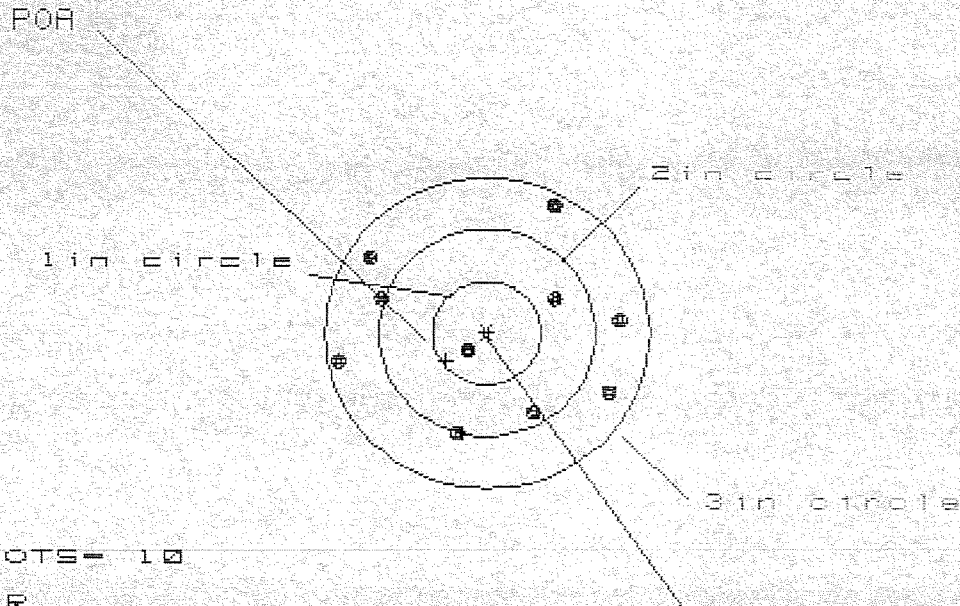
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	.822	.827
MINIMUM X	:	-1.121	-.960	-.955
MAXIMUM Y	:	1.420	1.356	.887
MINIMUM Y	:	-1.156	-1.220	-1.051
CENTROID X	:	.125	-.036	-.041
CENTROID Y	:	.449	.513	.344
POA TO CENTROID in.	:	.466	.515	.346
MIN RADIUS	:	.324	.286	.374
MEAN RADIUS	:	.953	.892	.834
MAX RADIUS	:	1.557	1.471	1.337
HORIZONTAL SPREAD	:	2.567	1.782	1.782
VERTICAL SPREAD	:	2.576	2.576	1.938
EXTREME SPREAD	:	2.857	2.692	2.597
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225343

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.526

VS= 2.158

GS= 2.621

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.036	.878
MINIMUM X	:	-1.341	-1.261	-1.327
MAXIMUM Y	:	1.182	1.157	1.250
MINIMUM Y	:	-.976	-1.001	-.908
CENTROID X	:	.375	.524	.682
CENTROID Y	:	.269	.294	.201
POA TO CENTROID in.	:	.462	.601	.711
MIN RADIUS	:	.301	.433	.527
MEAN RADIUS	:	1.042	.998	.917
MAX RADIUS	:	1.361	1.467	1.376
HORIZONTAL SPREAD	:	2.526	2.297	2.205
VERTICAL SPREAD	:	2.158	2.158	2.158
EXTREME SPREAD	:	2.621	2.621	2.329
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225349

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.721

VS= 2.523

GS= 3.091

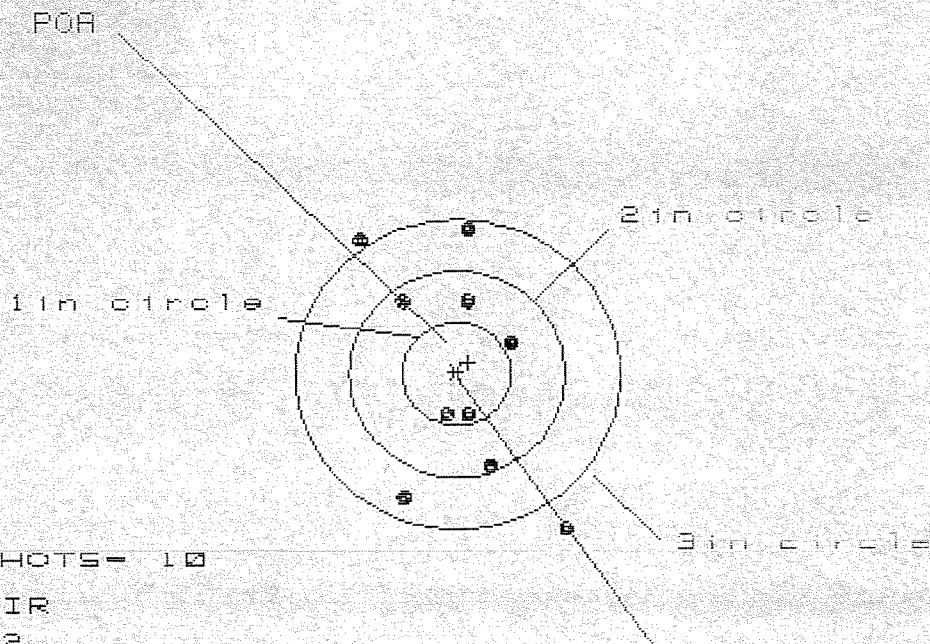
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.586	1.460	1.158
MINIMUM X	-1.135	-1.164	-.982
MAXIMUM Y	1.169	.696	.675
MINIMUM Y	-1.355	-1.225	-1.246
CENTROID X	.074	.200	.018
CENTROID Y	-.101	-.230	-.209
POA TO CENTROID in.	.125	.305	.210
MIN RADIUS	.455	.573	.575
MEAN RADIUS	1.057	.993	.924
MAX RADIUS	1.629	1.469	1.303
HORIZONTAL SPREAD	2.721	2.624	2.140
VERTICAL SPREAD	2.523	1.921	1.921
EXTREME SPREAD	3.091	2.687	2.356
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225349

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.917

VS = 2.844

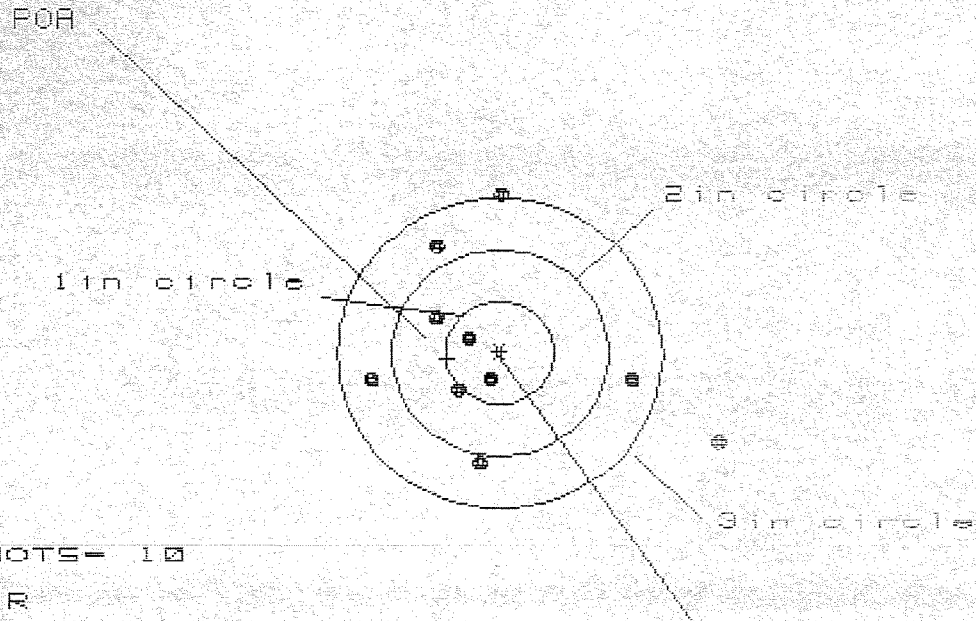
GS = 3.387

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.970	.583	.478
MINIMUM X	-.947	-.839	-.538
MAXIMUM Y	1.357	1.192	1.334
MINIMUM Y	-1.487	-1.397	-1.255
CENTROID X	-.102	-.210	-.105
CENTROID Y	-.105	.060	-.082
POA TO CENTROID in.	.146	.218	.133
MIN RADIUS	.372	.564	.394
MEAN RADIUS	.993	.909	.820
MAX RADIUS	1.775	1.463	1.365
HORIZONTAL SPREAD	1.917	1.422	1.016
VERTICAL SPREAD	2.844	2.589	2.589
EXTREME SPREAD	3.387	2.669	2.669
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225349

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 3.241

VS= 2.617

GS= 3.284

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	2.020
MINIMUM X	-1.221
MAXIMUM Y	1.514
MINIMUM Y	-1.103
CENTROID X	.485
CENTROID Y	.057
POA TO CENTROID in.	.488
MIN RADIUS	.266
MEAN RADIUS	1.029
MAX RADIUS	2.182
HORIZONTAL SPREAD	3.241
VERTICAL SPREAD	2.617
EXTREME SPREAD	3.284
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

Repair Number: **RE00022082** Serial: C6225349 Model: 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/31/01 11:43:47 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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information: Phone: Fax: Email: Comments:	Received Condition: 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>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A010	Hard Case	1	A017	Scope Base	1		
Code	Desc	Qty																	
A007	With Stud	1																	
A008	With Swivel	1																	
A010	Hard Case	1																	
A017	Scope Base	1																	

Repair Search Refresh Close

neglet 1/31/01 1:37 PM NUM

Start [Icons] 1:37 PM

Serial Number: **C6225349**
 Model: **700**

RE00022082

BARBER - M24 0013398

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225349
13 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .07
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .171
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184773

THE AMR FOR THIS RIFLE IS: 1.12

CENTROIDAL DISTANCES

0 TO 1	.13306
1 TO 2	.0983717
1 TO 3	.163028
1 TO 4	.591277
1 TO 5	.0876584

4

²
+5 3 <----POA

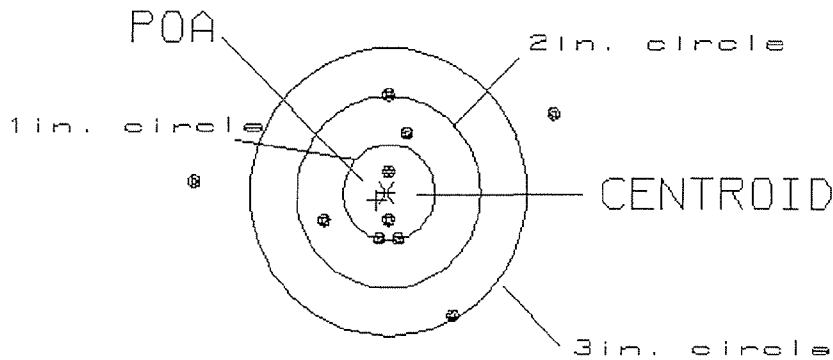
PATTERN #: 1

POA TO CENTROID: .133
 MIN RADIUS : .213
 MEAN RADIUS : .951
 MAX RADIUS : 2.068
 CENTROID X : .104
 CENTROID Y : .083

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.84
 VS= 2.40
 GS= 3.90

3
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

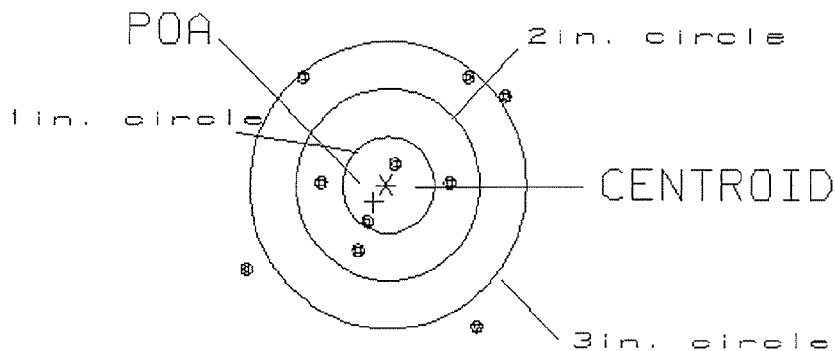
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .222
 MIN RADIUS : .258
 MEAN RADIUS : 1.086
 MAX RADIUS : 1.784
 CENTROID X : .133
 CENTROID Y : .177

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.86

2

VS= 2.65

5

GS= 3.36

7

BARBER - M24 0013401

REMINGTON CENTERFIRE ACCURACY TEST

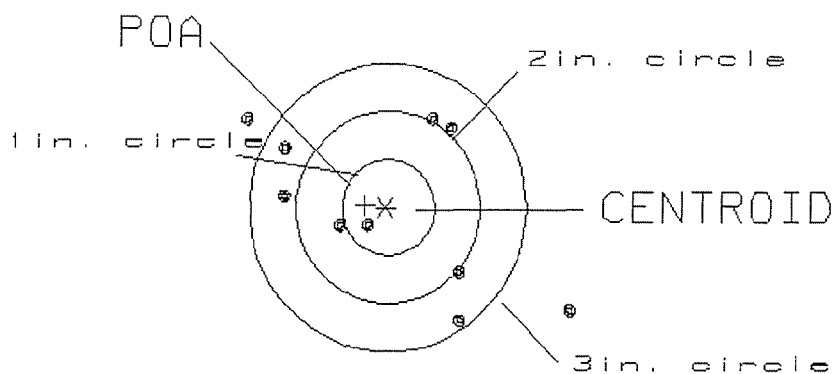
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID: .228
MIN RADIUS : .323
MEAN RADIUS : 1.192
MAX RADIUS : 2.269
CENTROID X : .227
CENTROID Y : -.024

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.51

1

VS= 2.11

4

GS= 4.06

9

BARBER - M24 0013402

REMINGTON CENTERFIRE ACCURACY TEST

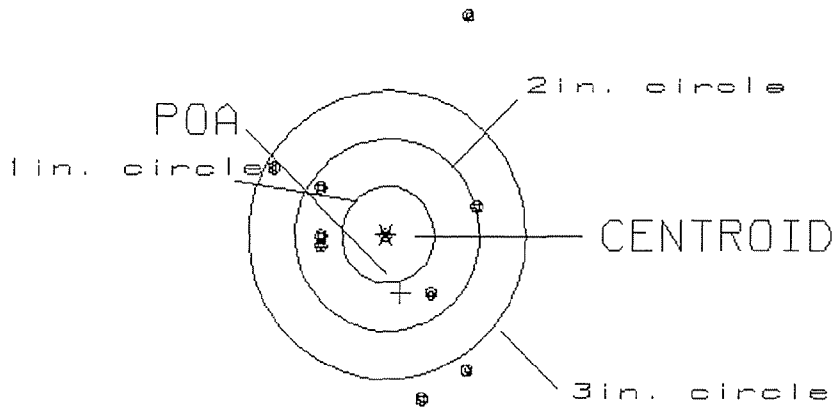
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .631
 MIN RADIUS : .061
 MEAN RADIUS : 1.134
 MAX RADIUS : 2.428
 CENTROID X : -.168
 CENTROID Y : .608

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.15
 VS= 3.99
 GS= 4.02

1
 6
 7

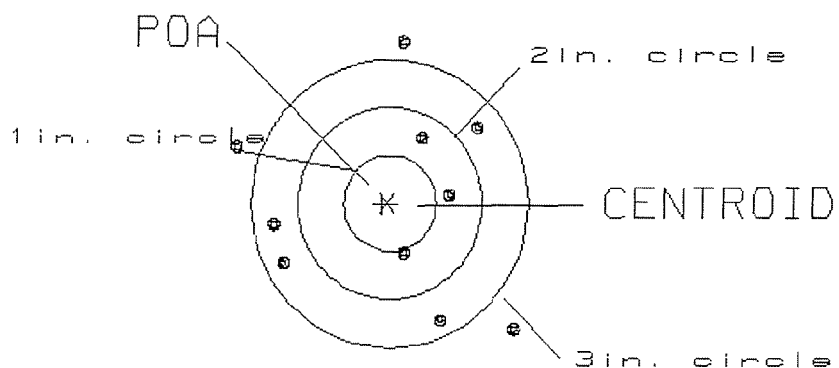
PATTERN #: 5

POA TO CENTROID: .055
 MIN RADIUS : .511
 MEAN RADIUS : 1.238
 MAX RADIUS : 1.872
 CENTROID X : .054
 CENTROID Y : .011

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.02
 VS= 2.96
 GS= 3.57

0
 3
 7

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

R & E NUMBER <u>22082</u>			
SERIAL NUMBER <u>C-622 5349</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	<u>2-12-01</u>	<u>ck</u>
605	CHECK HEADSPACE	<u>2-12-01</u>	<u>ck</u>
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	<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-6225349

DATE REC'D: 1-31-01

DATE RET'D:

Auditor: C/K

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: