

C6349002

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®] **DUPONT**[®]
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

MADE IN ILLION, 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.

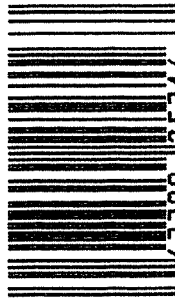
SERIAL NO. C6349002	ORDER NO. 5716
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Ø1



5716 C6349002

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349002

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	30	RW
600	Proof	4 12	30	A
607	Check Headspace	4 12	30	A
610	Dis-assemble Gun	4 12	30	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	KB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/10/90	gm

BARBER - M24 0105447							DATE	INIT
op. #	OP. NAME	READINGS						
625 cont.	F) Safety On Force	4	4	4			5/10/90	gll
	G) Safety Off Force	2	2	2			5/10/90	gll
	H) Trigger Pull Test & Retainability						5/10/90	gll
	I) Firing Pin Indent	.023	.0235	.0235			5/10/90	gll
	J) Assemble Stock						5/11/90	Rw
	K) Assemble Swivel Studs						5/16/90	WB
	L) Attach Front and Rear Sight Assemblies						5/11/90	Rw
	M) Iron Sight Alignment						5/11/90	Rw
	N) Detach Front & Rear Sights & place in numbered container						5/11/90	Rw
	O) Attach Scope to Rifle						5/11/90	WB
	P) Detach & Attach Scope 20 Times						5/11/90	WB
640	Gallery Target & Test						5-14-90	DH
	A) Time						5-14-90	DH
	B) Malfunctions						5-14-90	DH
	C) Pierced Primers						5-14-90	DH
	D) Optical Clarity of Scope						5-14-90	DH
645	Inspect for Live Ammo						5-14-90	DH
655	Final Inspection						5/15/90	WB
	A) Headspace							
	B) Trigger Pull	2.19	2.22	2.23	2.22	2.23	5/15/90	WB
	C) Function						5/16/90	WB
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06349002DATE 5/10/98TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.26	2.27	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.28	2.18	2.22	
PULL #3	2.30	2.24	2.21	2.23	
PULL #4	2.26	2.28	2.29	2.22	
PULL #5	2.26	2.37	2.35	2.23	
TOTAL	11.56	11.43	11.30		
AVG.	2.3	2.286	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.13		
PULL #2	3.20	3.38		
PULL #3	3.19	3.36		
PULL #4	3.26	3.28		
PULL #5	3.16	3.29		
TOTAL	16.24	16.44		
AVG.	3.248	3.288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.44		4.22
PULL #2	4.38	4.46		4.22
PULL #3	4.47	4.48		4.31
PULL #4	4.46	4.50		4.23
PULL #5	4.42	4.51		4.24
TOTAL	22.07	22.39		21.22
AVG.	4.414	4.478		4.244

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349002
15 May 1990

CENTROIDAL DISTANCES

0 TO	1	.417321
1 TO	2	.335489
1 TO	3	.751425
1 TO	4	.855862
1 TO	5	.570481

$\frac{5+1}{4+2}$ <----FOR

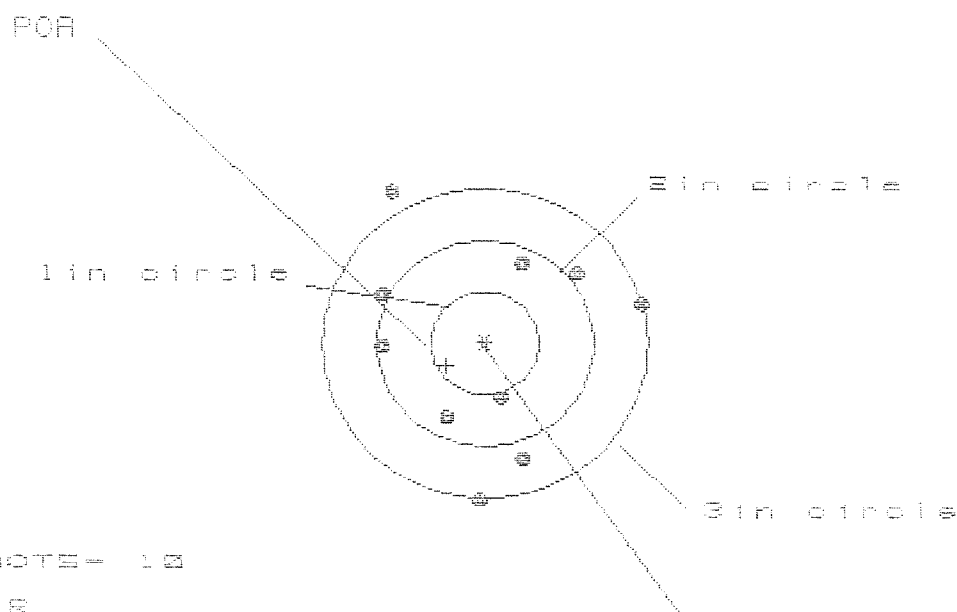
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0284
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0562
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0629682
THE AMR FOR THIS RIFLE IS: .8376

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348082

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 2.367

VS = 2.948

CS = 3.039

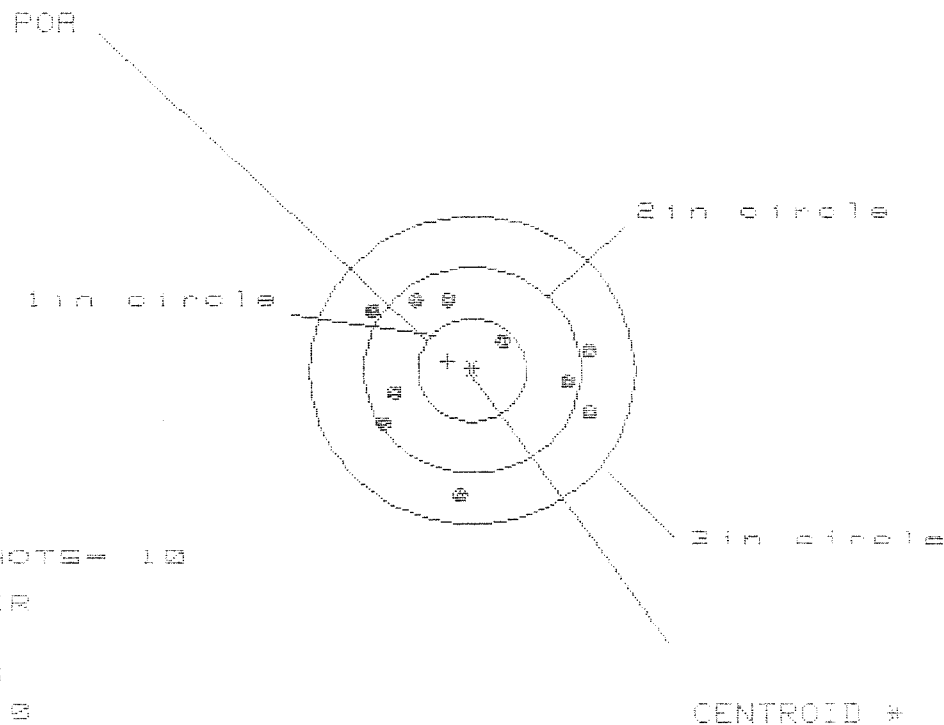
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.405	1.315	1.296
MINIMUM X	-0.962	-1.052	-1.071
MAXIMUM Y	1.458	.926	.780
MINIMUM Y	-1.490	-1.327	-1.088
CENTROID X	.354	.444	.463
CENTROID Y	.221	.058	.224
POR TO CENTROID in.	.417	.447	.514
MIN RADIUS	.519	.343	.508
MEAN RADIUS	1.096	1.010	.974
MAX RADIUS	1.666	1.407	1.339
HORIZONTAL SPREAD	2.367	2.367	2.367
VERTICAL SPREAD	2.948	2.253	1.848
EXTREME SPREAD	3.039	2.373	2.373
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349002

CENTERFIRE PATTERNS # 2



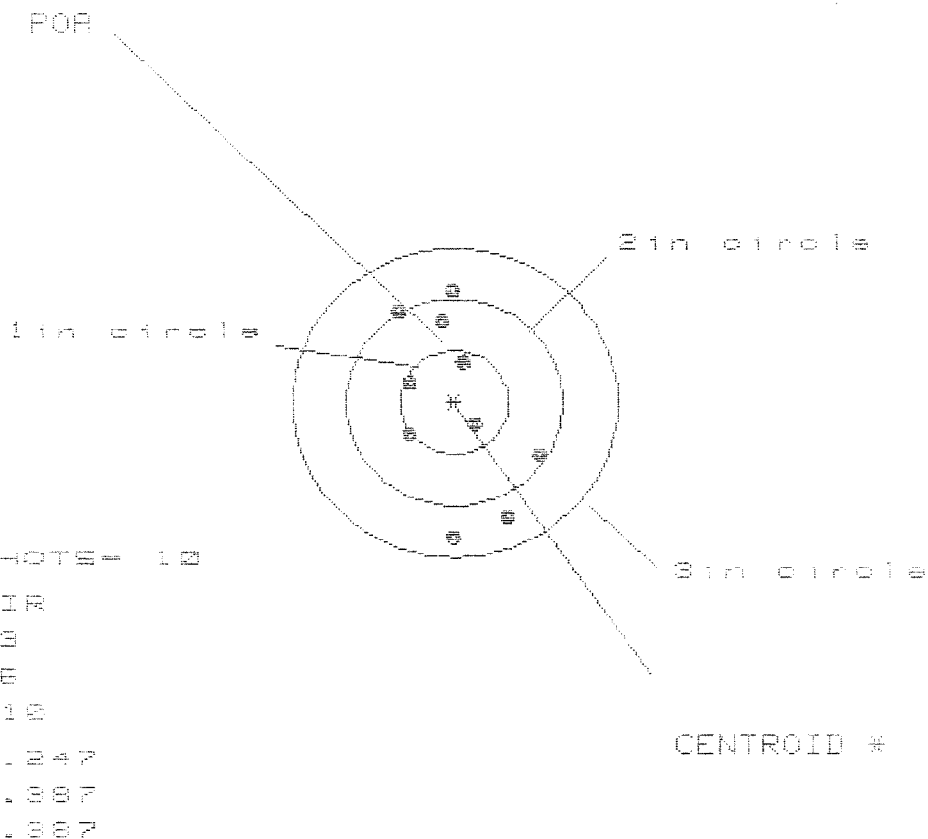
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.122	1.179	1.178
MINIMUM X	-.881	-.756	-.757
MAXIMUM Y	.706	.656	.501
MINIMUM Y	-1.194	-1.243	-1.703
CENTROID X	.221	.096	.097
CENTROID Y	-.087	-.038	.117
FOR TO CENTROID in.	.237	.103	.152
MIN RADIUS	.396	.448	.374
MEAN RADIUS	.912	.864	.788
MAX RADIUS	1.206	1.243	1.178
HORIZONTAL SPREAD	2.002	1.935	1.935
VERTICAL SPREAD	1.899	1.899	1.204
EXTREME SPREAD	2.266	1.983	1.983
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

14 May 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6349002

CENTERFIRE PATTERNS

3



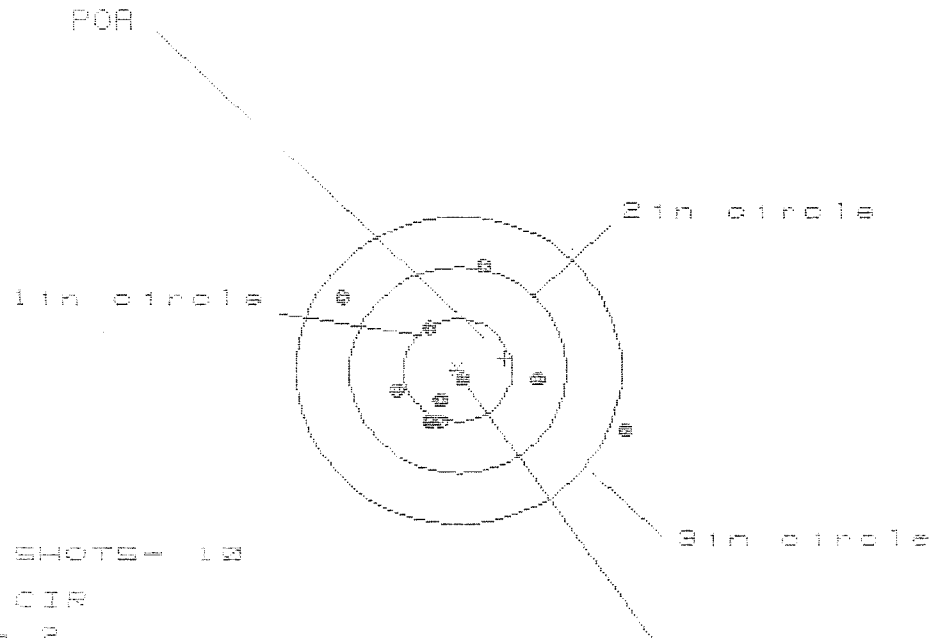
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.753	.753	.811
MINIMUM X	-.494	-.494	-.436
MAXIMUM Y	1.122	.982	.827
MINIMUM Y	-1.265	-1.239	-.816
CENTROID X	-.082	-.082	-.140
CENTROID Y	-.391	-.251	-.096
POB TO CENTROID in.	.400	.264	.170
MIN RADIUS	.316	.212	.114
MEAN RADIUS	.807	.738	.637
MAX RADIUS	1.265	1.323	1.150
HORIZONTAL SPREAD	1.247	1.247	1.247
VERTICAL SPREAD	2.387	2.221	1.643
EXTREME SPREAD	2.387	2.267	1.898
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349002

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 9

HSE = 0.554

VSE = 1.675

GSE = 2.854

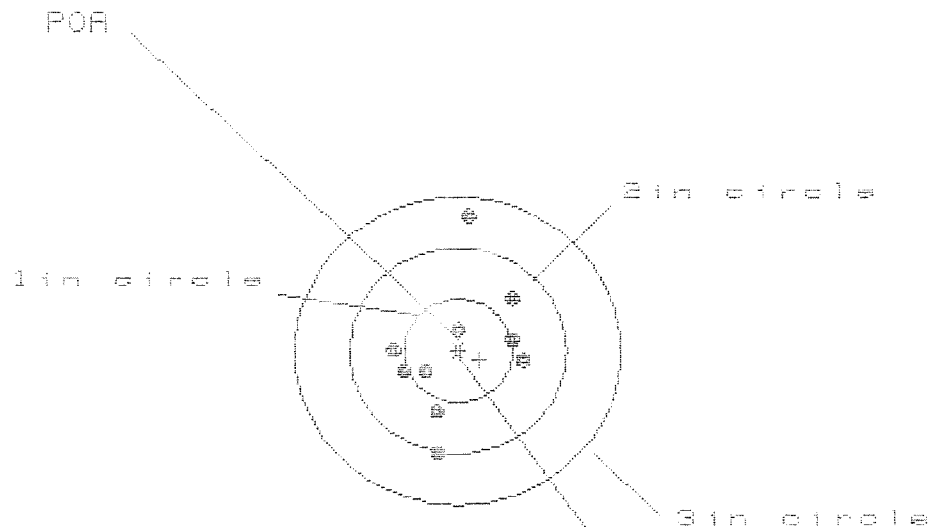
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.505
MINIMUM X	-1.029
MAXIMUM Y	1.053
MINIMUM Y	-0.622
CENTROID X	-0.434
CENTROID Y	-0.113
POA TO CENTROID in.	0.448
MIN RADIUS	0.114
MEAN RADIUS	0.731
MAX RADIUS	1.629
HORIZONTAL SPREAD	2.534
VERTICAL SPREAD	1.675
EXTREME SPREAD	2.854
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349002

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.174

VS = 2.297

GS = 2.310

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.572	.580	.559
MINIMUM X	-.602	-.594	-.615
MAXIMUM Y	1.293	.631	.524
MINIMUM Y	-1.004	-.861	-.591
CENTROID X	-.201	-.209	-.188
CENTROID Y	.089	-.054	.053
POA TO CENTROID in.	.220	.216	.195
MIN RADIUS	.162	.267	.197
MEAN RADIUS	.642	.563	.514
MAX RADIUS	1.294	.876	.749
HORIZONTAL SPREAD	1.174	1.174	1.174
VERTICAL SPREAD	2.297	1.492	1.115
EXTREME SPREAD	2.310	1.657	1.358
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

Aims Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00008583** Serial: **C6349002** Model **700** Center Fire Caliber: **7.62 M-24 (SWS)** Repairman: Status: **Closed 4/27/00 7:42:21 AM**

Verify Repair

Address Information

Customer: **SUPPLY DIVISION** Received From: **SUPPLY DIVISION** Return To: **SUPPLY DIVISION** Received From:

Address 1: **USAIC BLDG. 490** Address 2: PO Box:

City: **FORT BENNING** State: **GA** Zip Code: **31905** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud, & SWIVEL	2
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

hagletj 4/27/00 12:12 PM CAPS NUM INS SCRL

Start In... N... S... Ex... Mi... Ar... P... W Mi... C... P... 12:12 PM

Scope S/N 87-1118

Serial Number: **C6349002**Model: **700****RE00008583**

96003- BBL
 96018- Stock Assy
 96006 - Bolt

BARBER - M24 0105456

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349002
21 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4362
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0162
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .436501

THE AMR FOR THIS RIFLE IS: 1.254

CENTROIDAL DISTANCES

0 TO	1	.231019
1 TO	2	.634054
1 TO	3	.349107
1 TO	4	.605026
1 TO	5	.43089

1 5
+ 3 <4---POA
2

BARBER - M24 0105457

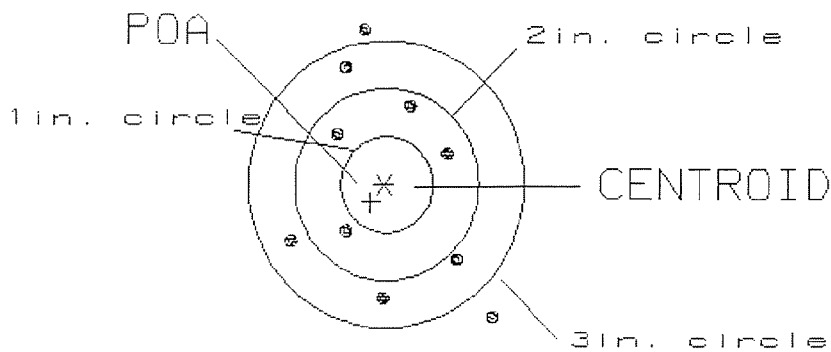
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
POA TO CENTROID: .231
MIN RADIUS : .665
MEAN RADIUS : 1.115
MAX RADIUS : 1.798
CENTROID X : .141
CENTROID Y : .183

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.23

0

VS= 2.92

4

GS= 3.25

6

BARBER - M24 0105458

REMINGTON CENTERFIRE ACCURACY TEST

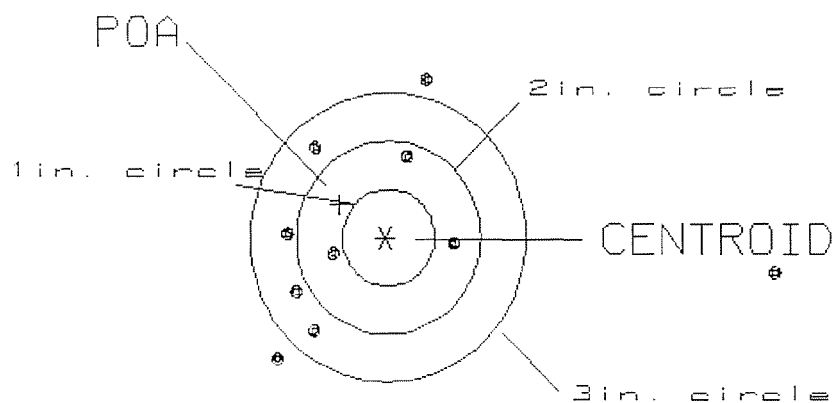
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .604
 MIN RADIUS : .672
 MEAN RADIUS : 1.471
 MAX RADIUS : 4.236
 CENTROID X : .498
 CENTROID Y : -.341

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.38

0

VS= 2.98

3

GS= 5.46

7

BARBER - M24 0105459

REMINGTON CENTERFIRE ACCURACY TEST

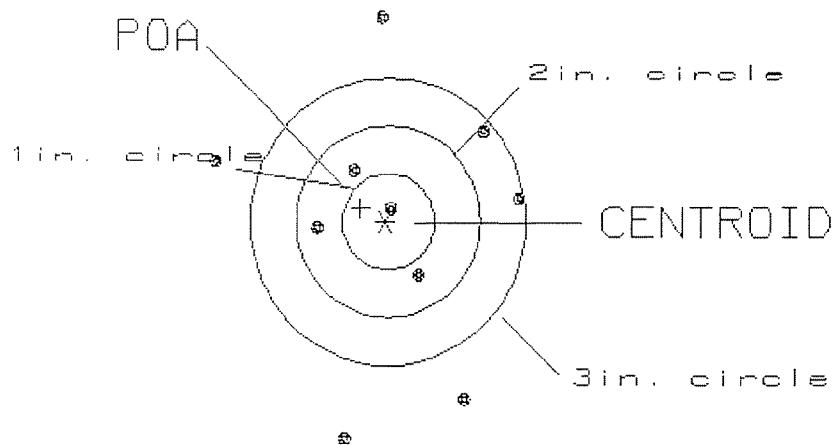
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .306
 MIN RADIUS : .190
 MEAN RADIUS : 1.374
 MAX RADIUS : 2.280
 CENTROID X : .271
 CENTROID Y : -.141

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.38

1

VS= 4.37

4

GS= 4.39

6

BARBER - M24 0105460

REMINGTON CENTERFIRE ACCURACY TEST

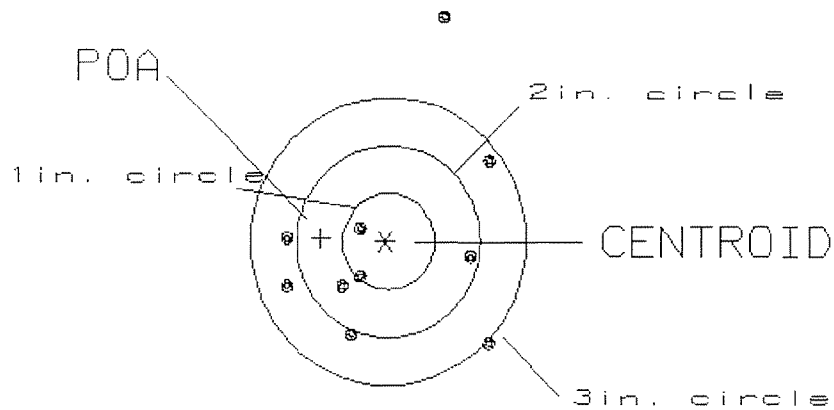
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .706
 MIN RADIUS : .329
 MEAN RADIUS : 1.118
 MAX RADIUS : 2.447
 CENTROID X : .705
 CENTROID Y : -.036

21 Aug 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.28

2

VS= 3.40

4

GS= 3.46

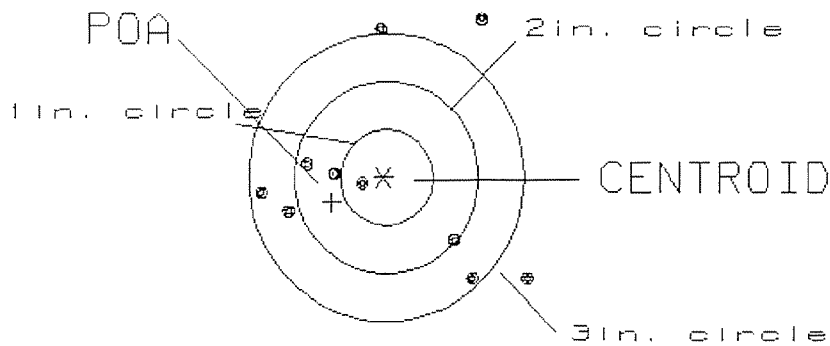
8

PATTERN #: 5
 POA TO CENTROID: .621
 MIN RADIUS : .324
 MEAN RADIUS : 1.193
 MAX RADIUS : 1.901
 CENTROID X : .566
 CENTROID Y : .254

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349002

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.85
 VS= 2.68
 GS= 3.10

1
 4
 7

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

[illegible]

Final Inspection

S.N. C6349002

DATE REC'D: 4-24-00

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: