

06348878

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
 C6348878

ORDER NO.
5716

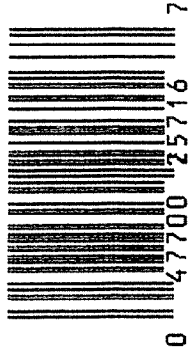
Q1

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

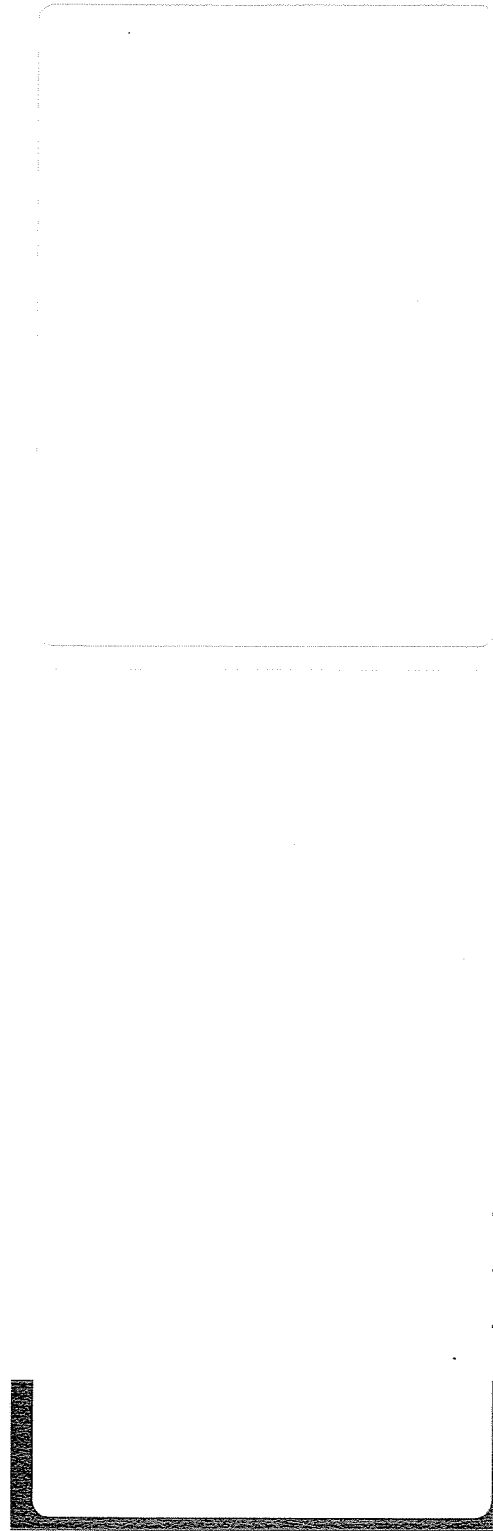


5716 C6348878

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348878

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	YB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	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		30-89	YB

op. #	BARBER - M24 0040502 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/3/89	94
	G) Safety Off Force	3	3	3			10/3/89	94
	H) Trigger Pull Test & Retainability						300/89	928
	I) Firing Pin Indent	.021	.0205	.021			10/3/89	9.9.
	J) Assemble Stock						10/10/89	RW
	K) Assemble Swivel Studs						12/6/89	928
	L) Attach Front and Rear Sight Assemblies						10/10/89	RW
	M) Iron Sight Alignment						10/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/10/89	RW
	O) Attach Scope to Rifle						10/10/89	928
	P) Detach & Attach Scope 20 Times						10 Oct 89	928
640	Gallery Target & Test						10-11-89	AC
	A) Time						10-11-89	AC
	B) Malfunctions						10-11-89	AC
	C) Pierced Primers						10-11-89	AC
	D) Optical Clarity of Scope						10-11-89	AC
645	Inspect for Live Ammo						10-11-89	AC
655	Final Inspection A) Headspace						12/6/89	928
	B) Trigger Pull	245	249	266	260	269	12/6/89	928
	C) Function						12/6/89	928
660	Pack						15 Dec 89	128

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 8878DATE 12 MAR 90TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.16		2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.13		2.28	
PULL #3	2.43	2.14		2.25	
PULL #4	2.42	2.16		2.23	
PULL #5	2.40	2.15		2.24	
TOTAL	12.15	10.74			
AVG.	2.43	2.148			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.80	2.85		
PULL #2	2.83	2.88		
PULL #3	2.84	2.83		
PULL #4	2.82	2.83		
PULL #5	2.78	2.87		
TOTAL	14.07	14.28		
AVG.	2.814	2.853		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	3.94		
PULL #2	4.11	3.95		
PULL #3	4.09	3.96		
PULL #4	4.12	3.97		
PULL #5	4.11	3.95		
TOTAL	20.56	19.77		
AVG.	4.112	3.954		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348878
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.443554
1 TO	2	.166048
1 TO	3	.480555
1 TO	4	.89278
1 TO	5	.440157

3 4 <----FOR

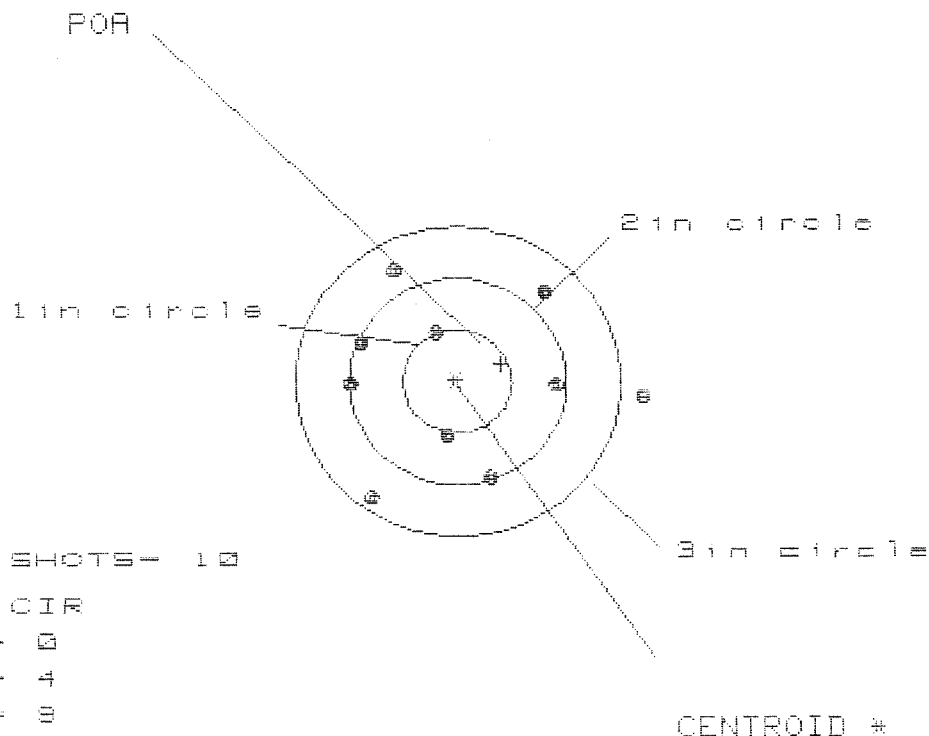
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .387119
THE AMR FOR THIS RIFLE IS: 1.113

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348878

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.686

VS= 2.131

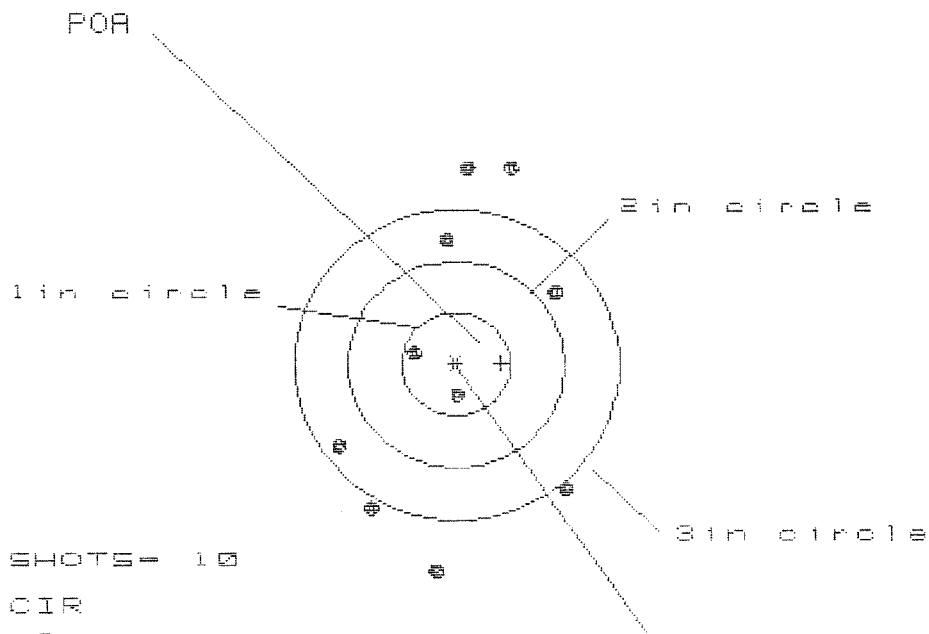
GS= 2.688

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.679	1.102	1.025
MINIMUM X	-1.007	-.820	-.897
MAXIMUM Y	1.042	1.024	.886
MINIMUM Y	-1.089	-1.107	-1.120
CENTROID X	-.408	-.595	-.518
CENTROID Y	-.174	-.156	-.018
POA TO CENTROID in.	.444	.615	.518
MIN RADIUS	.557	.492	.371
MEAN RADIUS	1.046	.952	.903
MAX RADIUS	1.687	1.296	1.194
HORIZONTAL SPREAD	2.686	1.922	1.922
VERTICAL SPREAD	2.131	2.131	2.006
EXTREME SPREAD	2.690	2.530	2.197
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B878

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 2

3 in = 5

HS = 2.123

VS = 3.878

GS = 3.943

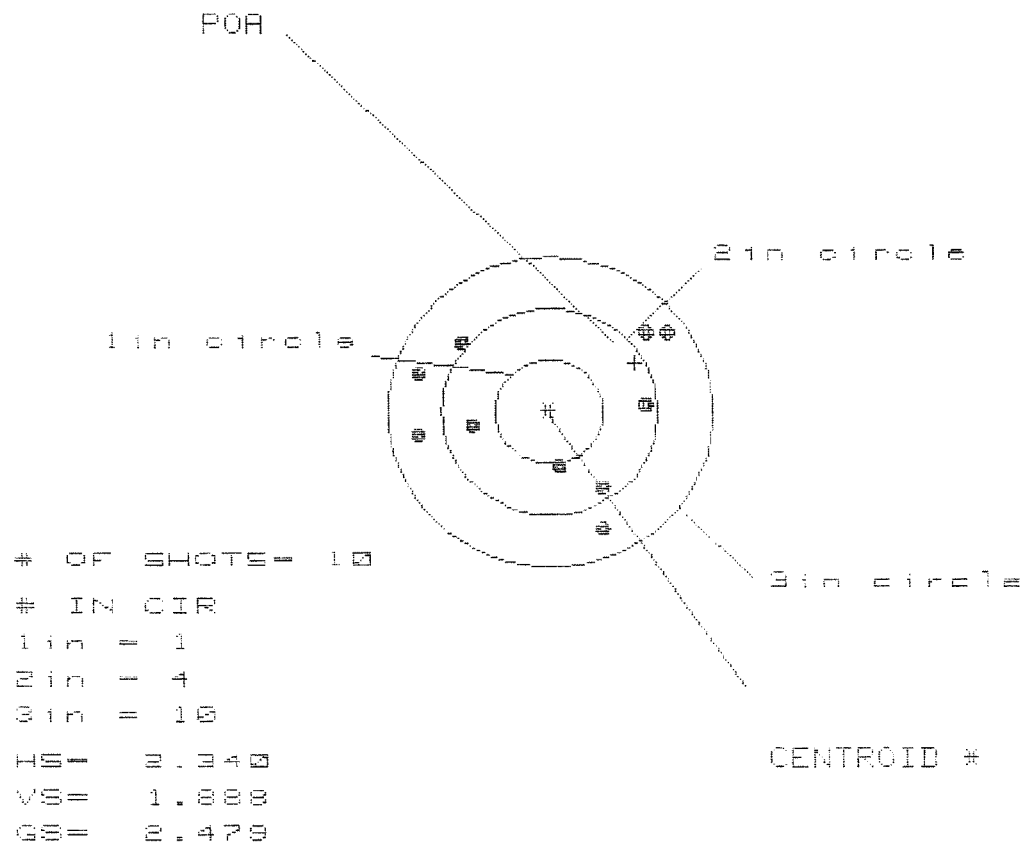
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.021	1.001	1.063
MINIMUM X	:	-1.102	-1.122	-1.060
MAXIMUM Y	:	1.898	1.678	1.854
MINIMUM Y	:	-1.981	-1.645	-1.435
CENTROID X	:	-.412	-.392	-.454
CENTROID Y	:	-.008	.212	.002
POA TO CENTROID in.	:	.412	.445	.454
MIN RADIUS	:	.308	.392	.320
MEAN RADIUS	:	1.347	1.273	1.186
MAX RADIUS	:	1.990	1.842	1.858
HORIZONTAL SPREAD	:	2.123	2.123	2.123
VERTICAL SPREAD	:	3.879	3.323	3.289
EXTREME SPREAD	:	3.943	3.580	3.409
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG34B878

CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.103	1.049	.909
MINIMUM X	:	-1.237	-1.114	-1.205
MAXIMUM Y	:	.747	.830	.888
MINIMUM Y	:	-1.141	-1.058	-1.000
CENTROID X	:	-.785	-.908	-.768
CENTROID Y	:	-.472	-.555	-.613
POA TO CENTROID in.	:	.916	1.064	.983
MIN RADIUS	:	.497	.467	.356
MEAN RADIUS	:	1.025	.976	.930
MAX RADIUS	:	1.329	1.273	1.213
HORIZONTAL SPREAD	:	2.340	2.163	2.114
VERTICAL SPREAD	:	1.888	1.888	1.888
EXTREME SPREAD	:	2.479	2.307	2.243
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B8878

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.273

VS = 2.290

GS = 3.498

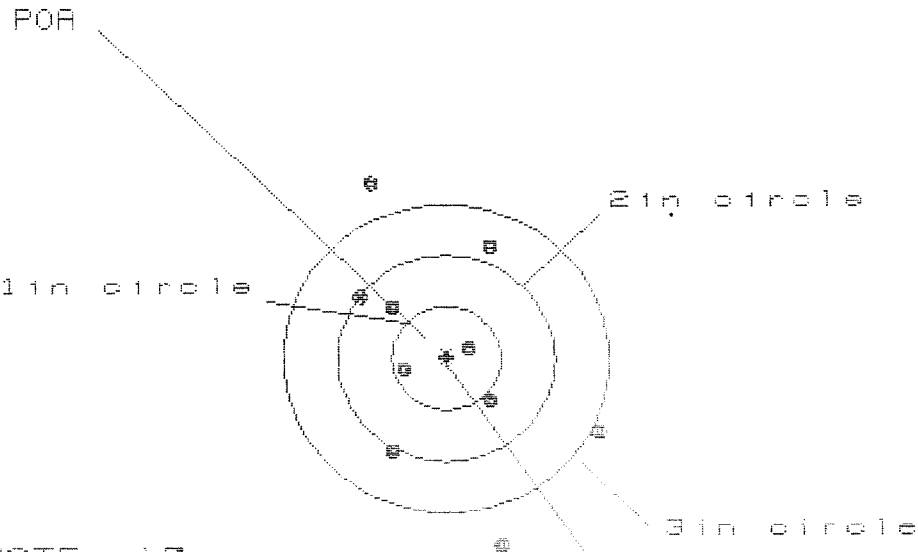
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.818	.889	.732
MINIMUM X	:	-1.455	-1.253	-1.062
MAXIMUM Y	:	1.325	1.234	1.276
MINIMUM Y	:	-.965	-1.056	-1.014
CENTROID X	:	.463	.261	.418
CENTROID Y	:	-.370	-.279	-.321
POA TO CENTROID in.	:	.593	.383	.527
MIN RADIUS	:	.230	.337	.220
MEAN RADIUS	:	1.102	1.009	.942
MAX RADIUS	:	1.991	1.380	1.326
HORIZONTAL SPREAD	:	3.273	2.142	1.794
VERTICAL SPREAD	:	2.290	2.290	2.290
EXTREME SPREAD	:	3.498	2.571	2.571
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B878

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.200

VS= 3.475

GS= 3.670

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.358	1.411	1.331
MINIMUM X	:	-.842	-.789	-.869
MAXIMUM Y	:	1.699	1.502	1.060
MINIMUM Y	:	-1.776	-1.120	-.933
CENTROID X	:	-.005	-.058	.022
CENTROID Y	:	.003	.200	.013
POA TO CENTROID in.	:	.006	.209	.025
MIN RADIUS	:	.220	.263	.192
MEAN RADIUS	:	1.043	.944	.844
MAX RADIUS	:	1.841	1.681	1.516
HORIZONTAL SPREAD	:	2.200	2.200	2.200
VERTICAL SPREAD	:	3.475	2.622	1.993
EXTREME SPREAD	:	3.670	3.171	2.567
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

Repair Number: **RE00018375** Serial: C6348878 Model 700 Center Fire Caliber 7.62 NATO M 24 (SWS) Repairman: Status: Closed 12/5/00 7:49:41 AM

Verify Repair

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**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information: Phone: Fax: Email: Comments:	Received Condition: Condition: Notes: ESR 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> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty																				
A007	With Stud	1																				
A008	With Swivel	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A026	Scope	1																				

Repair Search Refresh Close

12/5/00 9:35 AM NUM

Start In Na A Mi SA Se Ex Pa Ya my 9:35 AM

Number: **C6348878**

Model: **700**



RE00018375

Final Inspection

Sn: C6348878

DATE REC'D: 11-30-00

DATE RET'D:

Auditor: CLK

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 18375			
SERIAL NUMBER C6348878			
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	12-10-00	CK
605	CHECK HEADSPACE	12-10-00	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	12-17-00	CK
655	FINAL INSPECT	12-26-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0040513

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348878
16 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.066
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .131381

THE AMR FOR THIS RIFLE IS: 1.073

CENTROIDAL DISTANCES

Ø TO	1	.35536
1 TO	2	.577042
1 TO	3	.405408
1 TO	4	.311464
1 TO	5	.497993

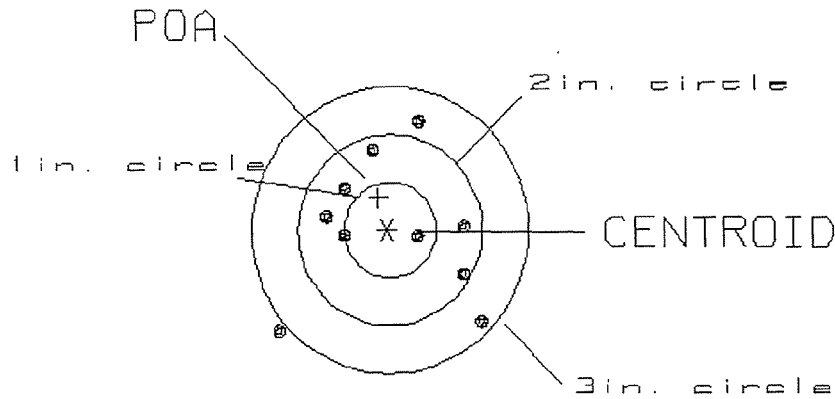
253 <----POA
4
1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .355
 MIN RADIUS : .272
 MEAN RADIUS : .907
 MAX RADIUS : 1.610
 CENTROID X : .100
 CENTROID Y : -.341

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340078.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.17
 VS= 2.26
 GS= 2.69

1
 7
 9

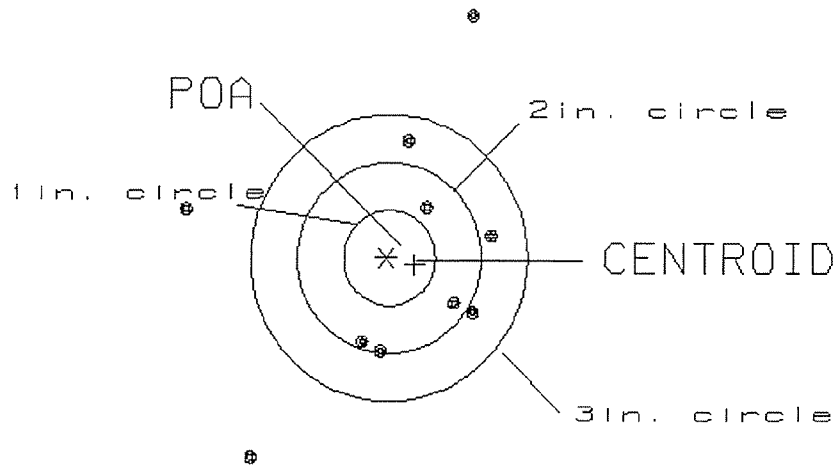
PATTERN #: 2

POA TO CENTROID: .312
 MIN RADIUS : .679
 MEAN RADIUS : 1.441
 MAX RADIUS : 2.695
 CENTROID X : -.303
 CENTROID Y : .072

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.29
 VS= 4.64
 GS= 5.25

0
 4
 7

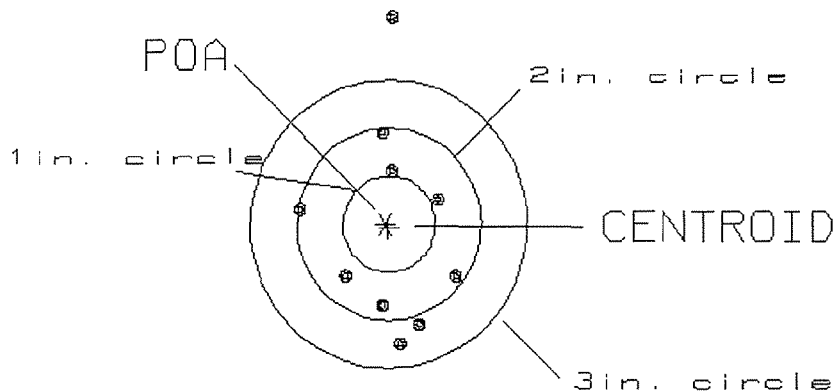
PATTERN #: 3

POA TO CENTROID: .053
 MIN RADIUS : .533
 MEAN RADIUS : .997
 MAX RADIUS : 2.192
 CENTROID X : -.030
 CENTROID Y : .043

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.73
 VS= 3.39
 GS= 3.39

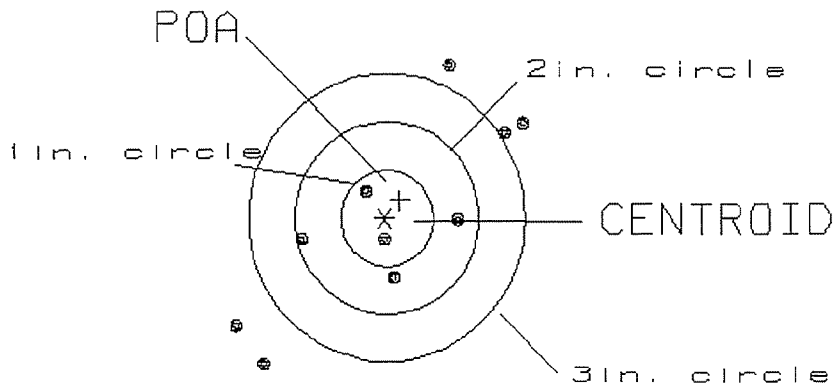
0
 6
 9

PATTERN #: 4
 POA TO CENTROID: .250
 MIN RADIUS : .212
 MEAN RADIUS : 1.202
 MAX RADIUS : 2.035
 CENTROID X : -.169
 CENTROID Y : -.184

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 VS= 3.04
 GS= 3.78

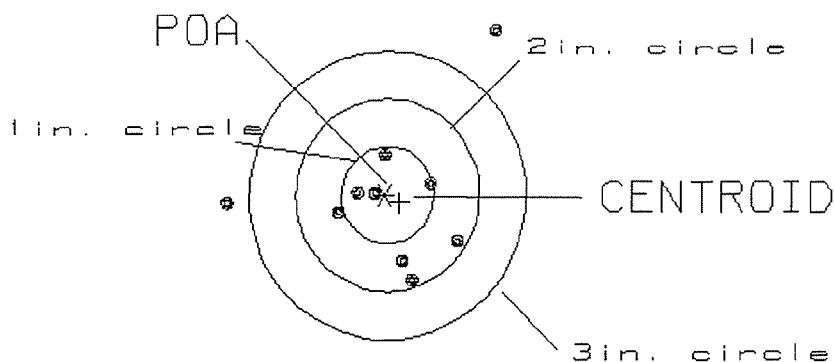
2
 5
 5

PATTERN #: 5
 POA TO CENTROID: .184
 MIN RADIUS : .123
 MEAN RADIUS : .820
 MAX RADIUS : 2.026
 CENTROID X : -.166
 CENTROID Y : .080

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.86
 VS= 2.53
 GS= 3.36

3
 8
 8

BARBER - M24 0040519

Remington Test Lab, Ilion, N.Y.

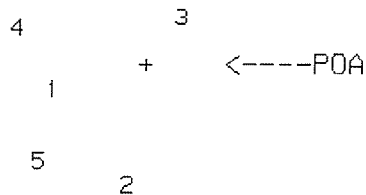
Centroidal distance calculations for Rifle # c6348878
11 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .476551

THE AMR FOR THIS RIFLE IS: 1.619

CENTROIDAL DISTANCES

0 TO	1	.658274
1 TO	2	.820864
1 TO	3	.991307
1 TO	4	.471581
1 TO	5	.489348



REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

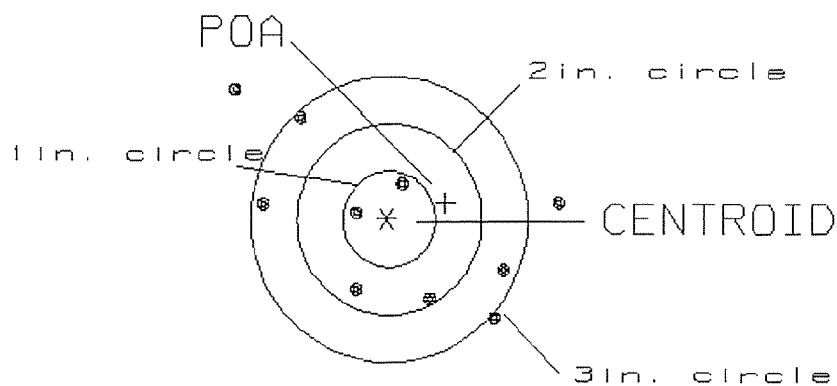
PATTERN #: 1

POA TO CENTROID: .658
 MIN RADIUS : .357
 MEAN RADIUS : 1.222
 MAX RADIUS : 2.124
 CENTROID X : -.637
 CENTROID Y : -.166

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.47

2

VS= 2.42

4

GS= 3.67

7

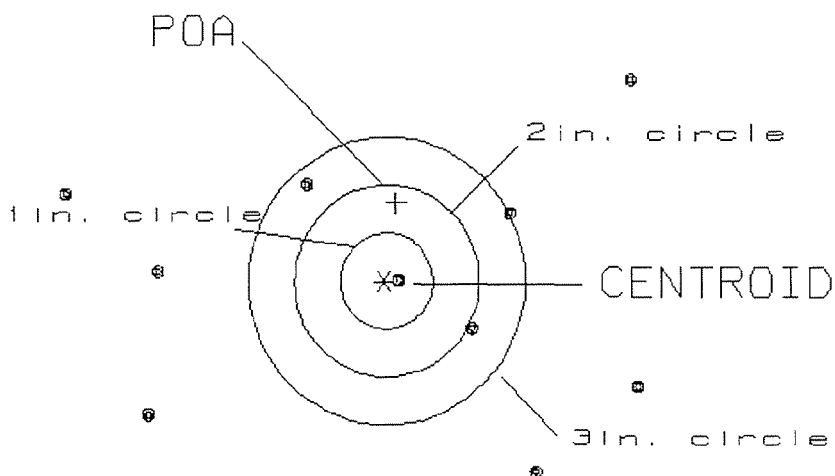
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .820
 MIN RADIUS : .106
 MEAN RADIUS : 2.184
 MAX RADIUS : 3.589
 CENTROID X : -.128
 CENTROID Y : -.810

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 6.25
 VS= 4.03
 GS= 6.55

1
 1
 4

REMINGTON CENTERFIRE ACCURACY TEST

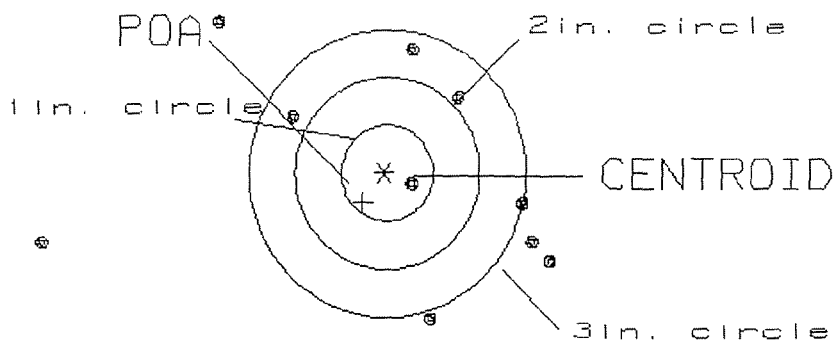
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .388
 MIN RADIUS : .259
 MEAN RADIUS : 1.691
 MAX RADIUS : 3.786
 CENTROID X : .232
 CENTROID Y : .311

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 5.52

1

VS= 3.18

1

GS= 5.53

4

REMINGTON CENTERFIRE ACCURACY TEST

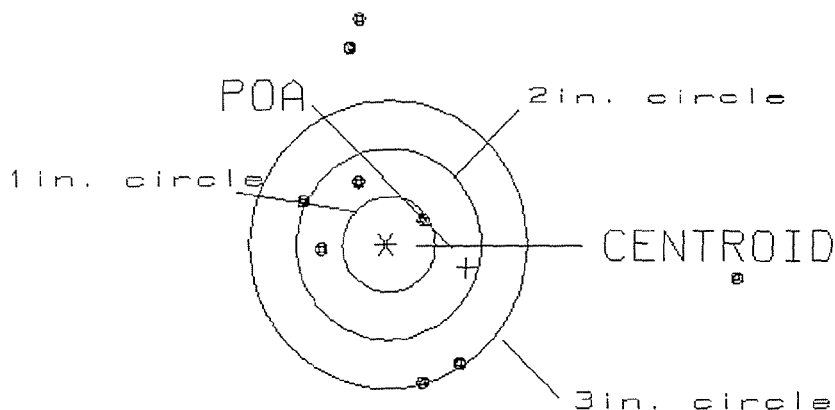
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .904
 MIN RADIUS : .420
 MEAN RADIUS : 1.775
 MAX RADIUS : 3.820
 CENTROID X : -.870
 CENTROID Y : .244

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 6.29

1

VS= 4.93

3

GS= 6.65

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .973

MIN RADIUS : .142

MEAN RADIUS : 1.223

MAX RADIUS : 2.557

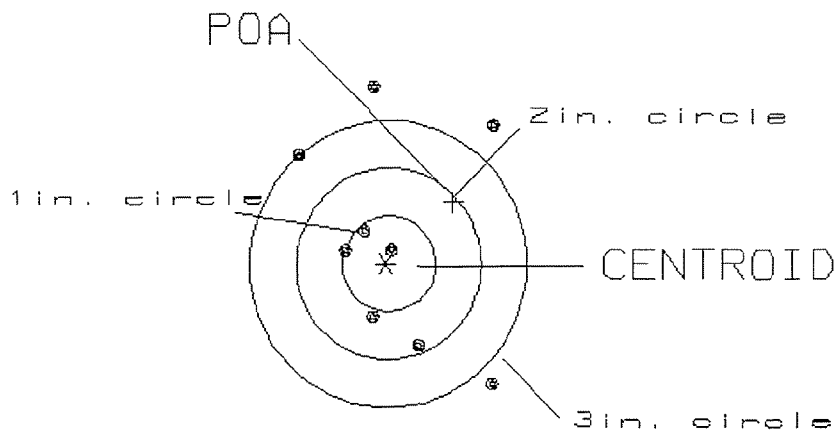
CENTROID X : -.727

CENTROID Y : -.647

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348878

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.09

2

VS= 4.36

5

GS= 4.40

6