

C6348882

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.

Remington

Remington



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

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

MODEL 700TM H24

SERIAL NO.
C6348880

ORDER NO.
5716

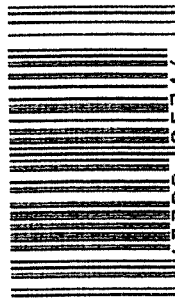
Ø1

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



5716 C6348880

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348880

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace	8 24	89	RW
610	Dis-assemble Gun	8 22	89	RW
612	Magnaflux Barrel Action		8/25/89	KCR
	Magnaflux Bolt		8/25/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 28	89	YB
618	Polish Barrel RB	8 28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	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		27 Sept 89	GS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	9/27/89	JS
	G) Safety Off Force	3	3	3	9/27/89	JS
	H) Trigger Pull Test & Retainability				27 Sept 89	JS
	I) Firing Pin Indent	.0215	.0225	.0225	9/27/89	JS
	J) Assemble Stock				10/2/89	JS
	K) Assemble Swivel Studs				4 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies				12/11/89	JS
	M) Iron Sight Alignment				12/11/89	JS
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	JS
	O) Attach Scope to Rifle				10/2/89	JS
	P) Detach & Attach Scope 20 Times				10/2/89	JS
640	Gallery Target & Test				10-2-89	DH
	A) Time				10-2-89	DH
	B) Malfunctions				10-2-89	DH
	C) Pierced Primers				10-2-89	DH
	D) Optical Clarity of Scope				10-2-89	DH
645	Inspect for Live Ammo				10-2-89	DH
655	Final Inspection					
	A) Headspace				4 Oct 89	JS
	B) Trigger Pull	244	255	258	4 Oct 89	JS
	C) Function				4 Oct 89	JS
660	Pack				15 Oct 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8880

DATE 3-23-90

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.44		2.44	MIN. SETTING,
PULL #2	2.40	2.34		2.40	NO AVG. OF 5
PULL #3	2.50	2.36		2.36	READINGS ACCEPT-
PULL #4	2.42	2.34		2.43	ABLE LESS THAN 2#
PULL #5	2.39	2.47		2.35	
TOTAL	12.15	11.95		11.98	
AVG.	2.43	2.39		2.396	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.60		
PULL #2	3.48	3.47		
PULL #3	3.26	3.48		
PULL #4	3.58	3.45		
PULL #5	3.50	3.50		
TOTAL	17.34	17.50		
AVG.	3.468	3.5		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.21		
PULL #2	4.24	4.24		
PULL #3	4.07	4.13		
PULL #4	4.26	4.15		
PULL #5	4.13	4.24		
TOTAL	20.85	20.97		
AVG.	4.17	4.194		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348880
2 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.683465
1 TO	2	.219429
1 TO	3	.343444
1 TO	4	.122004
1 TO	5	.253442

t_{34}^5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5634
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .603315
THE AMR FOR THIS RIFLE IS: .915

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6340880

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.654

VS= 1.334

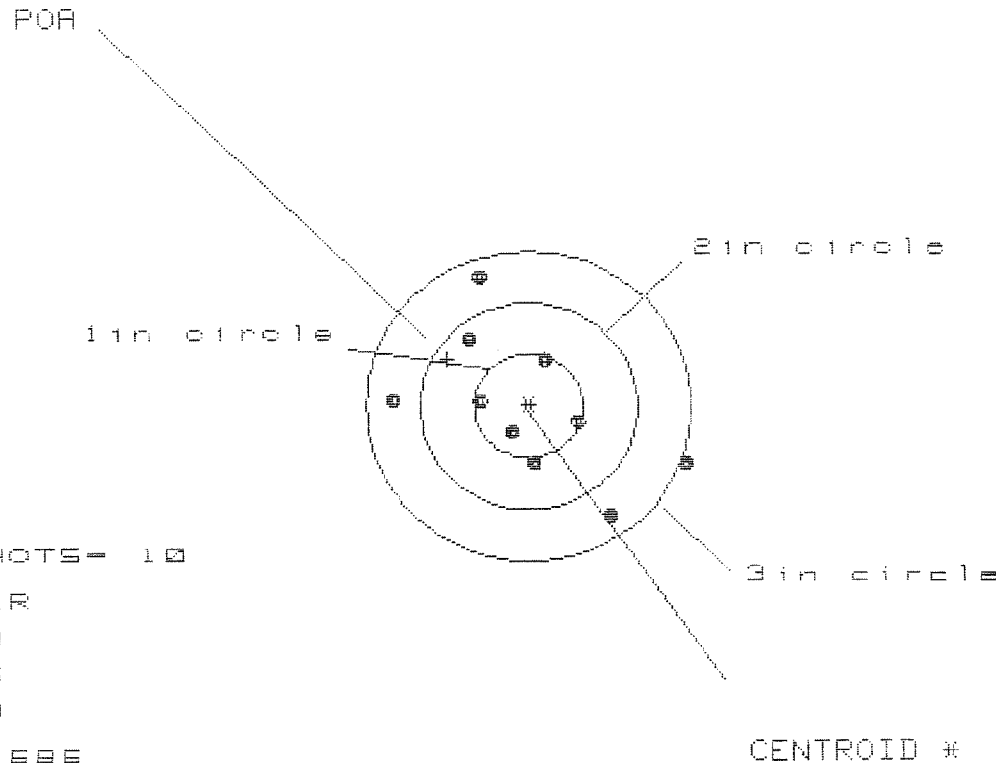
GS= 1.689

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.751	.587	.484
MINIMUM X	:	-.903	-.820	-.773
MAXIMUM Y	:	.553	.452	.486
MINIMUM Y	:	-.781	-.720	-.686
CENTROID X	:	.630	.547	.649
CENTROID Y	:	-.265	-.326	-.360
POA TO CENTROID in.	:	.684	.637	.742
MIN RADIUS	:	.204	.103	.188
MEAN RADIUS	:	.579	.537	.480
MAX RADIUS	:	.932	.863	.774
HORIZONTAL SPREAD	:	1.654	1.407	1.258
VERTICAL SPREAD	:	1.334	1.172	1.172
EXTREME SPREAD	:	1.689	1.432	1.277
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B8B0

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.586

VS= 2.243

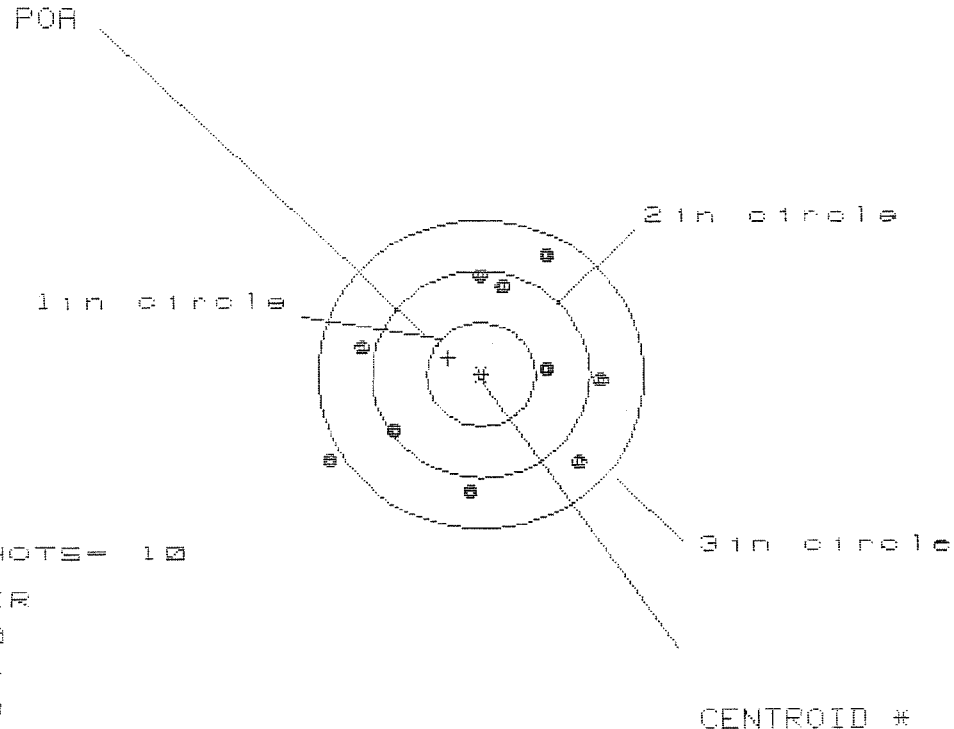
GS= 2.765

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.488	.924	.884
MINIMUM X	:	-1.198	-1.033	-1.073
MAXIMUM Y	:	1.235	1.170	.768
MINIMUM Y	:	-1.008	-1.073	-.927
CENTROID X	:	.748	.583	.623
CENTROID Y	:	-.450	-.385	-.531
POA TO CENTROID in.	:	.873	.698	.819
MIN RADIUS	:	.332	.312	.199
MEAN RADIUS	:	.863	.764	.693
MAX RADIUS	:	1.598	1.416	1.281
HORIZONTAL SPREAD	:	2.686	1.957	1.957
VERTICAL SPREAD	:	2.243	2.243	1.695
EXTREME SPREAD	:	2.765	2.567	2.236
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B8B0

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 8

HS = 2.519

VS = 2.287

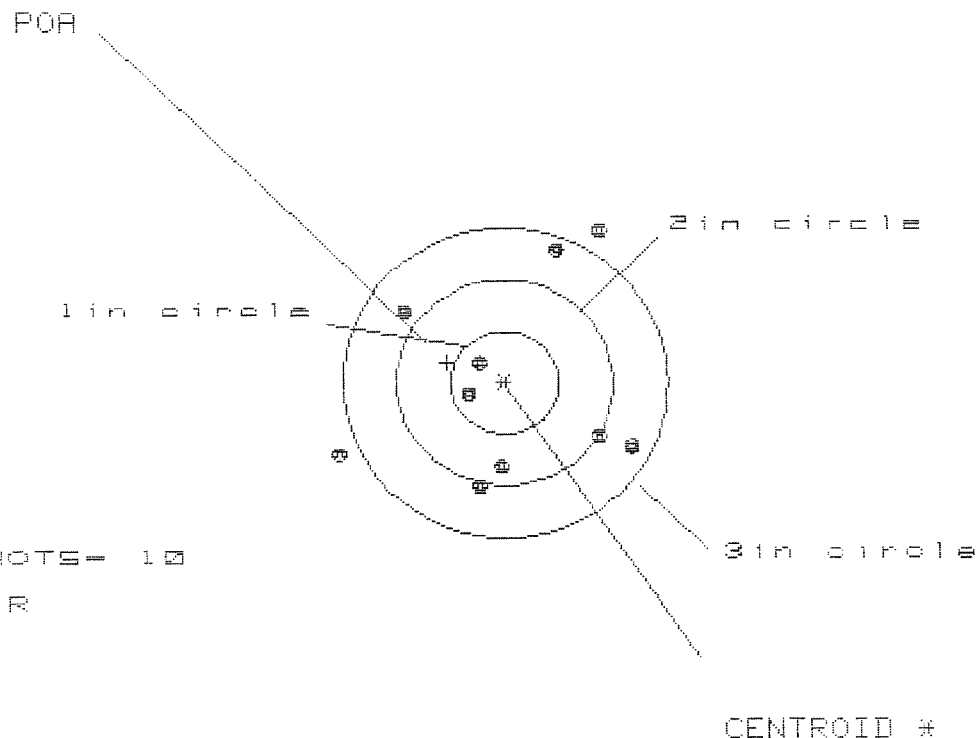
GS = 2.914

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.911	.971
MINIMUM X	:	-1.448	-1.267	-1.207
MAXIMUM Y	:	1.173	1.077	.994
MINIMUM Y	:	-1.114	-1.210	-1.075
CENTROID X	:	.303	.463	.403
CENTROID Y	:	-.160	-.064	-.199
POA TO CENTROID in.	:	.342	.468	.450
MIN RADIUS	:	.650	.484	.558
MEAN RADIUS	:	1.112	1.019	1.003
MAX RADIUS	:	1.683	1.285	1.255
HORIZONTAL SPREAD	:	2.519	2.178	2.178
VERTICAL SPREAD	:	2.287	2.287	2.069
EXTREME SPREAD	:	2.914	2.419	2.350
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B8B0

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.685

VS= 2.513

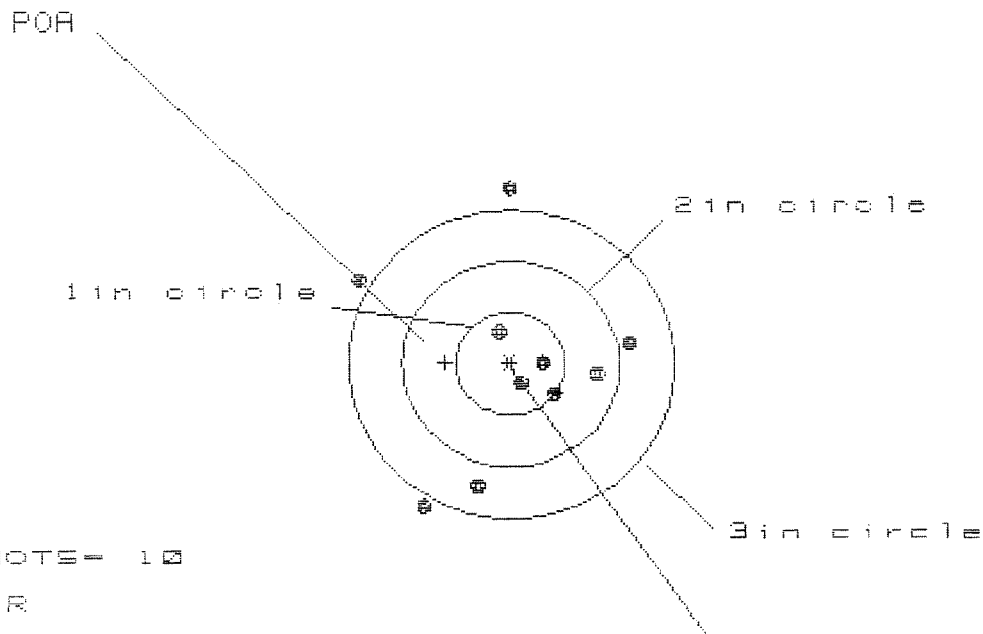
GS= 3.218

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.175	1.268	1.091
MINIMUM X	:	-1.510	-1.417	-1.017
MAXIMUM Y	:	1.537	1.426	1.365
MINIMUM Y	:	-.976	-.805	-.867
CENTROID X	:	.533	.440	.617
CENTROID Y	:	-.191	-.362	-.300
POR TO CENTROID in.	:	.566	.569	.686
MIN RADIUS	:	.319	.270	.440
MEAN RADIUS	:	1.081	.976	.924
MAX RADIUS	:	1.752	1.536	1.421
HORIZONTAL SPREAD	:	2.685	2.685	2.108
VERTICAL SPREAD	:	2.513	2.231	2.231
EXTREME SPREAD	:	3.218	2.760	2.526
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348880

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 7

HS= 2.503

VS= 3.112

GS= 3.229

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.062	.882
MINIMUM X	:	-1.445	-1.441	-.994
MAXIMUM Y	:	1.719	.978	.632
MINIMUM Y	:	-1.393	-1.202	-1.079
CENTROID X	:	.603	.599	.779
CENTROID Y	:	-.013	-.204	-.327
POA TO CENTROID in.	:	.604	.633	.844
MIN RADIUS	:	.213	.099	.147
MEAN RADIUS	:	.940	.842	.699
MAX RADIUS	:	1.720	1.741	1.467
HORIZONTAL SPREAD	:	2.503	2.503	1.876
VERTICAL SPREAD	:	3.112	2.180	1.711
EXTREME SPREAD	:	3.229	2.577	2.444
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

Arms 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: **RE00014583** Serial: **C6348880** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW'S)** Repairman: Status: **Closed 9/28/00 8:45 15 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **BLDG 330** **BLDG 330**

Address 2: **4851 CHILES AVE** **4851 CHILES AVE** PD Box: PD 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

Foot: Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

naglet 9/28/00 9:28 AM LAPS NUM INS SCPL

Start Inbo Nagl Expl Mic Part Ar Brea Print 9:28 AM

Serial Number: **C6348880**

Model: **700**



RE00014583

BBL - 96003

Final Inspection

Sr: C6348880

DATE REC'D: 9-27-00

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

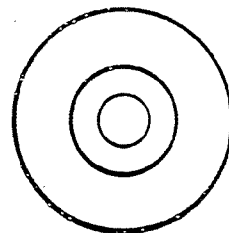
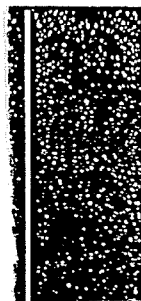
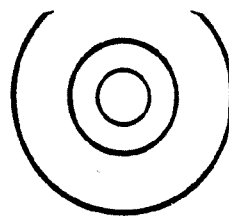
☒ SET

Comments:

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

R & E NUMBER	14583		
SERIAL NUMBER	C6348880		
LOG-IN DATE	9-27-00		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-11-00	RW
605	CHECK HEADSPACE	10-11-00	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	11-1-00	RW
655	FINAL INSPECT	11-3-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

C6225410 ✓
C6348963 ✓
~~C6225279 ✓~~
~~C6348971 ✓~~
~~C6225073 ✓~~
~~C6225150 ✓~~



Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348880
7 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0842
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0918906

THE AMR FOR THIS RIFLE IS: 1.08

CENTROIDAL DISTANCES

0	TO	1	.0516236
1	TO	2	.12919
1	TO	3	.452391
1	TO	4	.176819
1	TO	5	.241961

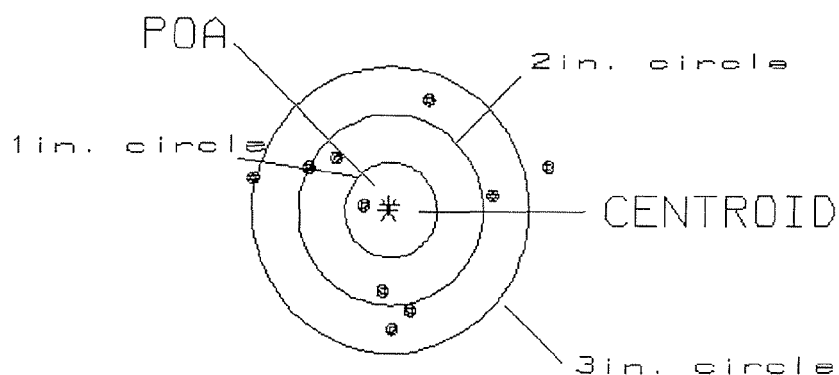
5
2
1
4 3 <----POA

PATTERN #: 1
 POA TO CENTROID: .052
 MIN RADIUS : .299
 MEAN RADIUS : 1.091
 MAX RADIUS : 1.775
 CENTROID X : -.008
 CENTROID Y : -.051

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348888

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.20

1

VS= 2.39

4

GS= 3.21

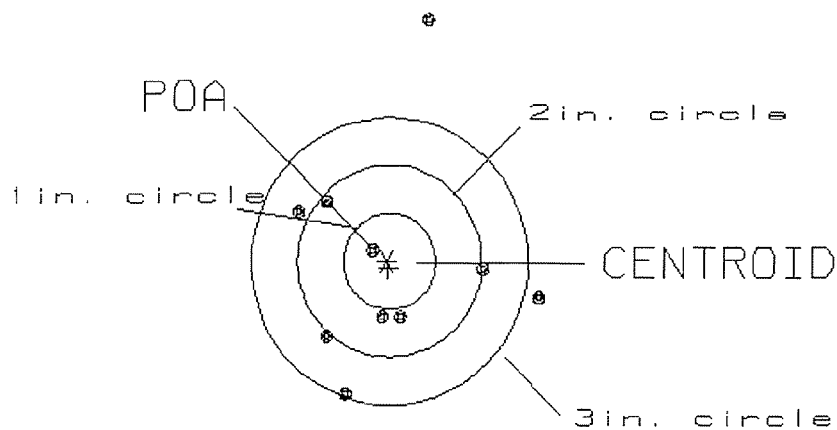
5

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .079
 MIN RADIUS : .233
 MEAN RADIUS : 1.122
 MAX RADIUS : 2.549
 CENTROID X : -.015
 CENTROID Y : .078

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348888

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.65

1

VS= 3.87

5

GS= 3.96

8

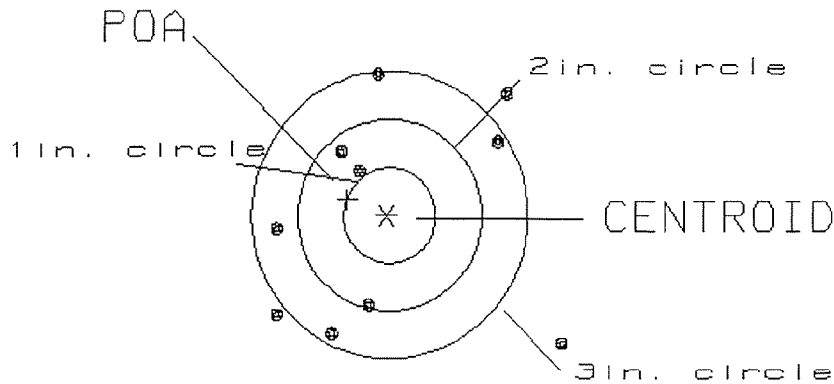
PATTERN #: 3

POA TO CENTROID: .460
 MIN RADIUS : .548
 MEAN RADIUS : 1.355
 MAX RADIUS : 2.317
 CENTROID X : .429
 CENTROID Y : -.168

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.17
 VS= 2.75
 GS= 3.40

0
 3
 7

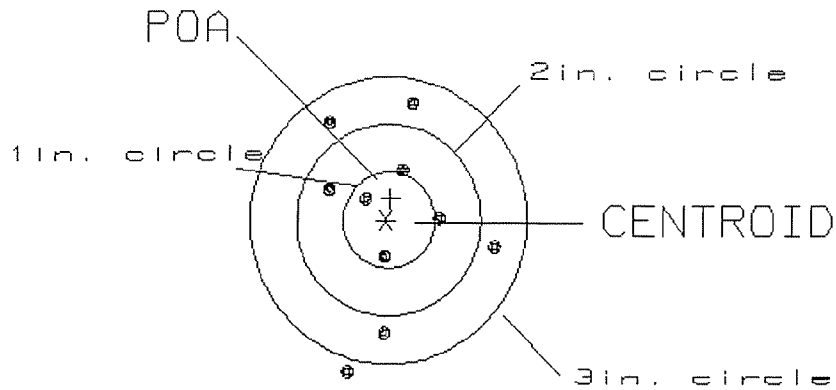
PATTERN #: 4

POA TO CENTROID: .229
 MIN RADIUS : .317
 MEAN RADIUS : .898
 MAX RADIUS : 1.610
 CENTROID X : -.049
 CENTROID Y : -.223

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.87
 VS= 2.80
 GS= 2.87

2
 5
 9

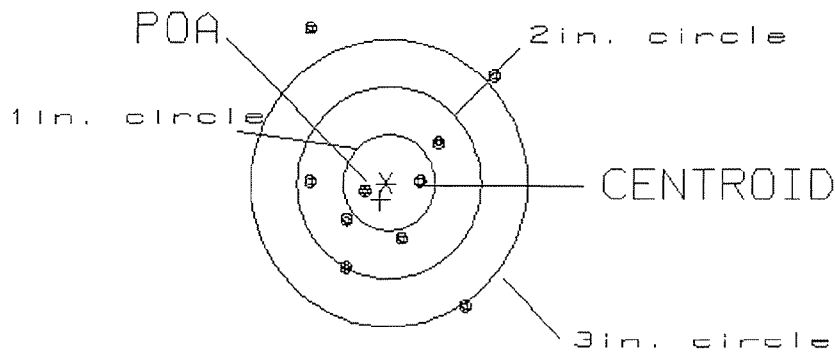
PATTERN #: 5

POA TO CENTROID: .191
 MIN RADIUS : .301
 MEAN RADIUS : .932
 MAX RADIUS : 1.844
 CENTROID X : .064
 CENTROID Y : .180

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.09
 VS= 2.85
 GS= 3.36

2
 7
 1

Remington Test Lab, Ilion, N.Y.

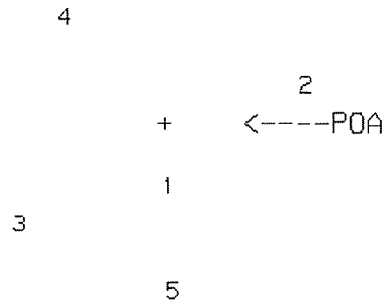
Centroidal distance calculations for Rifle # c6348880
3 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.125
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277721

THE AMR FOR THIS RIFLE IS: 1.486

CENTROIDAL DISTANCES

Ø TO	1	.420629
1 TO	2	1.15144
1 TO	3	1.03297
1 TO	4	1.33796
1 TO	5	.707916



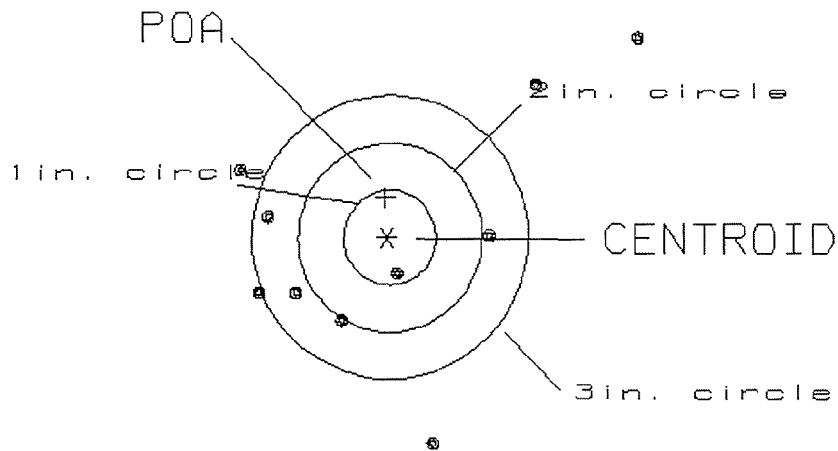
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .421
 MIN RADIUS : .433
 MEAN RADIUS : 1.614
 MAX RADIUS : 3.367
 CENTROID X : .023
 CENTROID Y : -.420

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.28
 VS= 4.27
 GS= 4.84

1
 1
 5

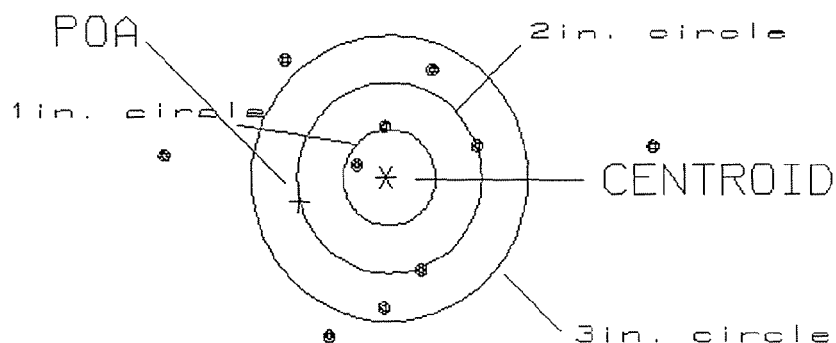
PATTERN #: 2

POA TO CENTROID: .986
 MIN RADIUS : .417
 MEAN RADIUS : 1.428
 MAX RADIUS : 2.886
 CENTROID X : .950
 CENTROID Y : .263

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.28
 VS= 2.84
 GS= 5.28

1
 3
 6

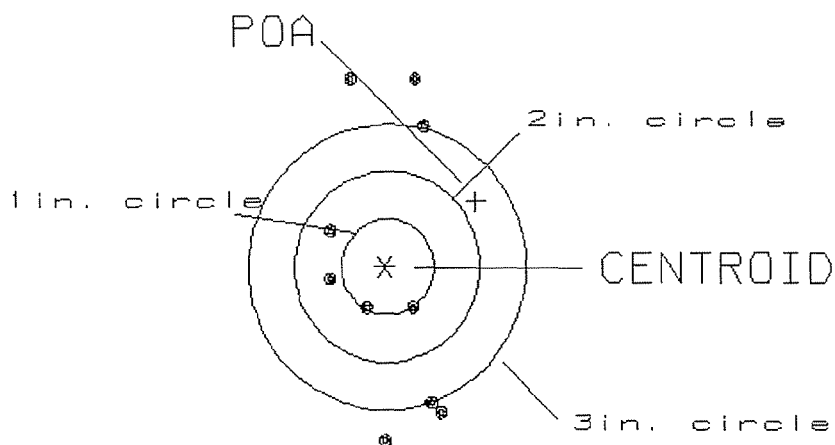
PATTERN #: 3

POA TO CENTROID: 1.189
 MIN RADIUS : .474
 MEAN RADIUS : 1.288
 MAX RADIUS : 2.020
 CENTROID X : -.978
 CENTROID Y : -.675

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.21
 VS= 3.81
 GS= 3.82

1
 4
 6

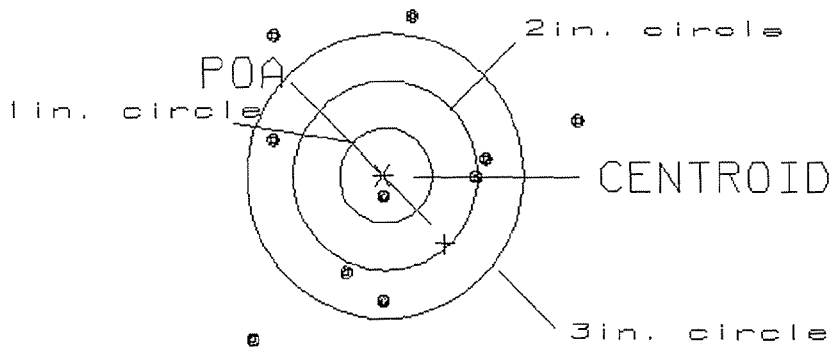
PATTERN #: 4

POA TO CENTROID: .989
 MIN RADIUS : .225
 MEAN RADIUS : 1.412
 MAX RADIUS : 2.215
 CENTROID X : -.679
 CENTROID Y : .719

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.52
 VS= 3.37
 GS= 4.18

1
 2
 6

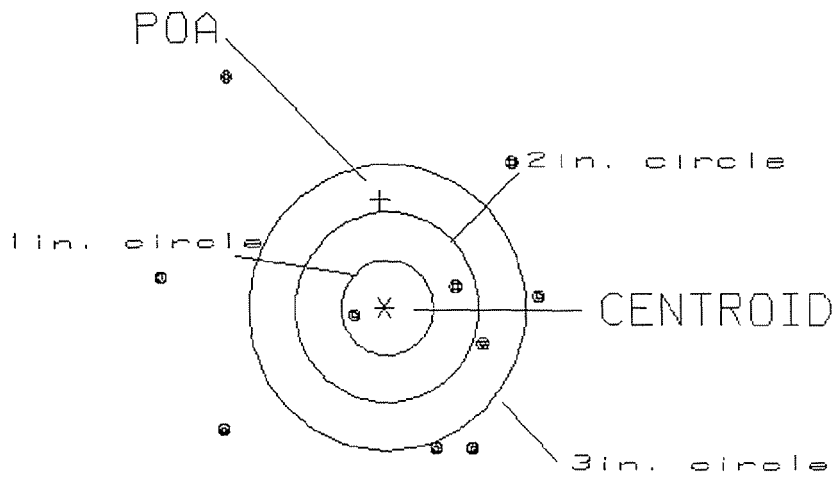
PATTERN #: 5

POA TO CENTROID: 1.128
 MIN RADIUS : .363
 MEAN RADIUS : 1.690
 MAX RADIUS : 3.058
 CENTROID X : .059
 CENTROID Y : -1.127

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.05
 VS= 3.97
 GS= 4.82

1
 2
 3