

C6348932

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
 MODEL 700™ H24
 MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

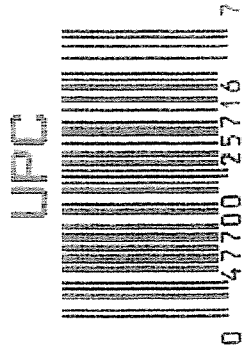
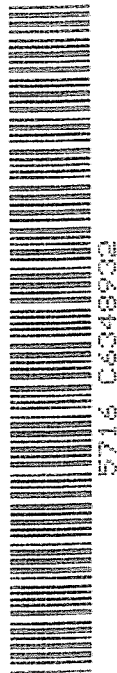
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

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

SERIAL NO.
 C6348932

ORDER NO.
 5716

01



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348932

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		SL
7	Drill and Tap Sight Holes	9 29	89	JB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		276/89	JS

BARBER - M24 0041914								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/27/89	RL		
	G) Safety Off Force	3	3	3	10/27/89	RL		
	H) Trigger Pull Test & Retainability				27/6/89	RL		
	I) Firing Pin Indent	.0215	.021	.021	10/27/89	RL		
	J) Assemble Stock				10/27/89	RL		
	K) Assemble Swivel Studs				15/10/89	RL		
	L) Attach Front and Rear Sight Assemblies				10/27/89	RL		
	M) Iron Sight Alignment				10/27/89	RL		
	N) Detach Front & Rear Sights & place in numbered container				10/27/89	RL		
	O) Attach Scope to Rifle				10/27/89	RL		
	P) Detach & Attach Scope 20 Times				10/27/89	RL		
640	Gallery Target & Test				10-30-89	AC		
	A) Time				10-30-89	AC		
	B) Malfunctions				10-30-89	AC		
	C) Pierced Primers				10-30-89	AC		
	D) Optical Clarity of Scope				10-30-89	AC		
645	Inspect for Live Ammo				10-30-89	AC		
655	Final Inspection							
	A) Headspace				15/10/89	RL		
	B) Trigger Pull	2.48	2.53	2.39	2.51	2.50	15/10/89	RL
	C) Function						15/10/89	RL
660	Pack						14/Dec/89	RL

MOD. _____		GA. _____	GUN _____
CAL. _____		# _____	
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brass	du
	2nd	Polish & Jector	Pu
	3rd		
	4th		
		FUNCTION	RD 6554 Rev I

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	11-14-89 shot OK DH	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

BARBER - M24 0041917

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8932DATE 3-26-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.40	2.41	MIN. SETTING,
PULL #2	2.42	2.44	2.52	NO AVG. OF 5
PULL #3	2.40	2.39	2.50	READINGS ACCEPT-
PULL #4	2.45	2.41	2.36	ABLE LESS THAN 2#
PULL #5	2.34	2.44	2.45	
TOTAL	11.95	12.08	12.24	
AVG.	2.39	2.416	2.448	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.02	3.49	
PULL #2	3.55	3.49	
PULL #3	3.51	3.51	
PULL #4	3.49	3.59	
PULL #5	3.53	3.56	
TOTAL	17.10	17.64	
AVG.	3.42	3.528	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.30		
PULL #2	4.37	4.39		
PULL #3	4.38	4.38		
PULL #4	4.44	4.41		
PULL #5	4.44	4.40		
TOTAL	21.98	21.88		
AVG.	4.396	4.376		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348932
30 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.365034
1 TO	2	.55245
1 TO	3	.328878
1 TO	4	.564925
1 TO	5	.548234

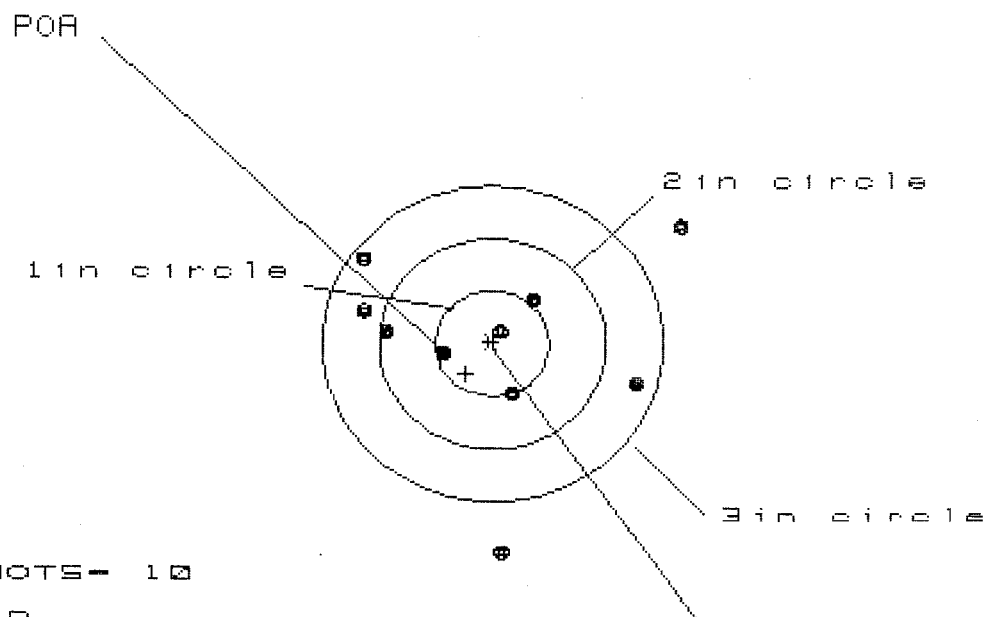
$\frac{1}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .047
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0470038
THE AMR FOR THIS RIFLE IS: 1.028

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B932

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 5

3 in - 8

HS - 2.822

VS - 3.059

GS - 3.448

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.682	1.498	1.533
MINIMUM X	:	-1.140	-.953	-.918
MAXIMUM Y	:	1.095	.961	.731
MINIMUM Y	:	-1.964	-1.842	-.556
CENTROID X	:	.233	.046	.011
CENTROID Y	:	.281	.159	.389
POA TO CENTROID in.	:	.365	.165	.389
MIN RADIUS	:	.126	.299	.287
MEAN RADIUS	:	1.048	.938	.793
MAX RADIUS	:	2.007	1.863	1.610
HORIZONTAL SPREAD	:	2.822	2.451	2.451
VERTICAL SPREAD	:	3.059	2.803	1.287
EXTREME SPREAD	:	3.448	3.046	2.706
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B932

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.131

VS= 2.669

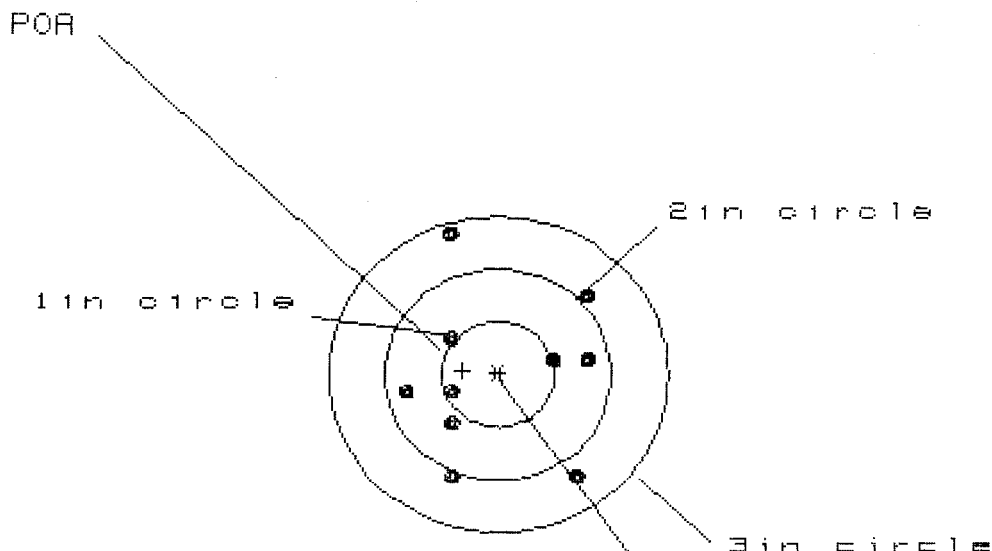
GS= 2.809

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.832	.815
MINIMUM X	:	-1.185	-1.299	-1.316
MAXIMUM Y	:	1.231	1.363	1.200
MINIMUM Y	:	-1.438	-1.306	-1.169
CENTROID X	:	.193	.307	.324
CENTROID Y	:	-.270	-.402	-.239
POA TO CENTROID in.	:	.332	.506	.403
MIN RADIUS	:	.112	.284	.191
MEAN RADIUS	:	.993	.927	.852
MAX RADIUS	:	1.567	1.405	1.386
HORIZONTAL SPREAD	:	2.131	2.131	2.131
VERTICAL SPREAD	:	2.669	2.669	2.369
EXTREME SPREAD	:	2.809	2.676	2.447
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346932

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS= 1.591

VS= 2.302

GS= 2.536

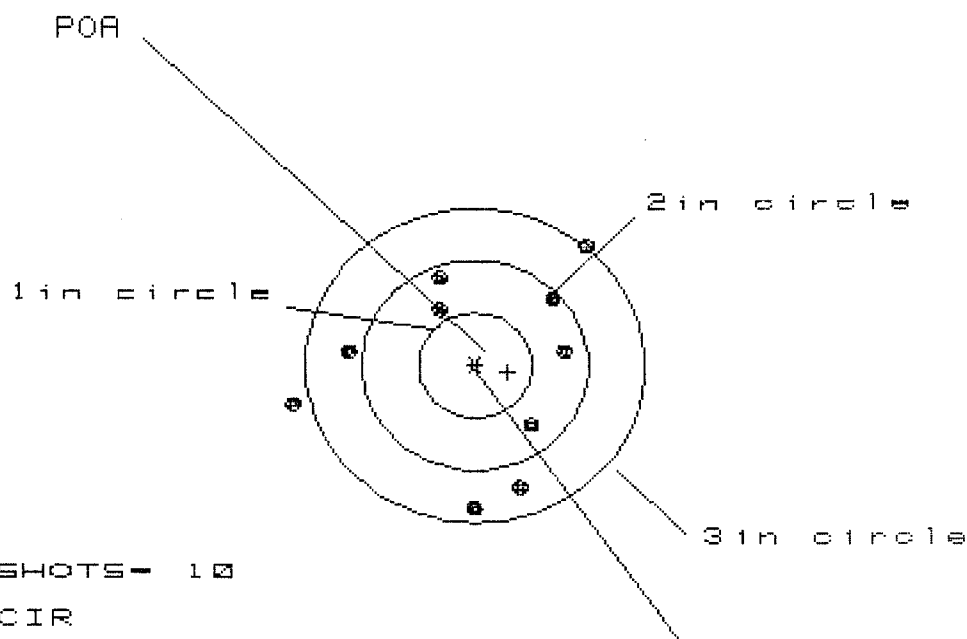
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.826	.776	.860
MINIMUM X	:	-.765	-.815	-.731
MAXIMUM Y	:	1.312	.889	.790
MINIMUM Y	:	-.990	-.844	-.943
CENTROID X	:	.313	.363	.279
CENTROID Y	:	-.038	-.184	-.085
POA TO CENTROID in.	:	.315	.407	.292
MIN RADIUS	:	.427	.450	.380
MEAN RADIUS	:	.843	.778	.726
MAX RADIUS	:	1.388	1.180	1.168
HORIZONTAL SPREAD	:	1.591	1.591	1.591
VERTICAL SPREAD	:	2.302	1.733	1.733
EXTREME SPREAD	:	2.536	2.149	2.149
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348932

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.515

VS = 2.536

GS = 3.006

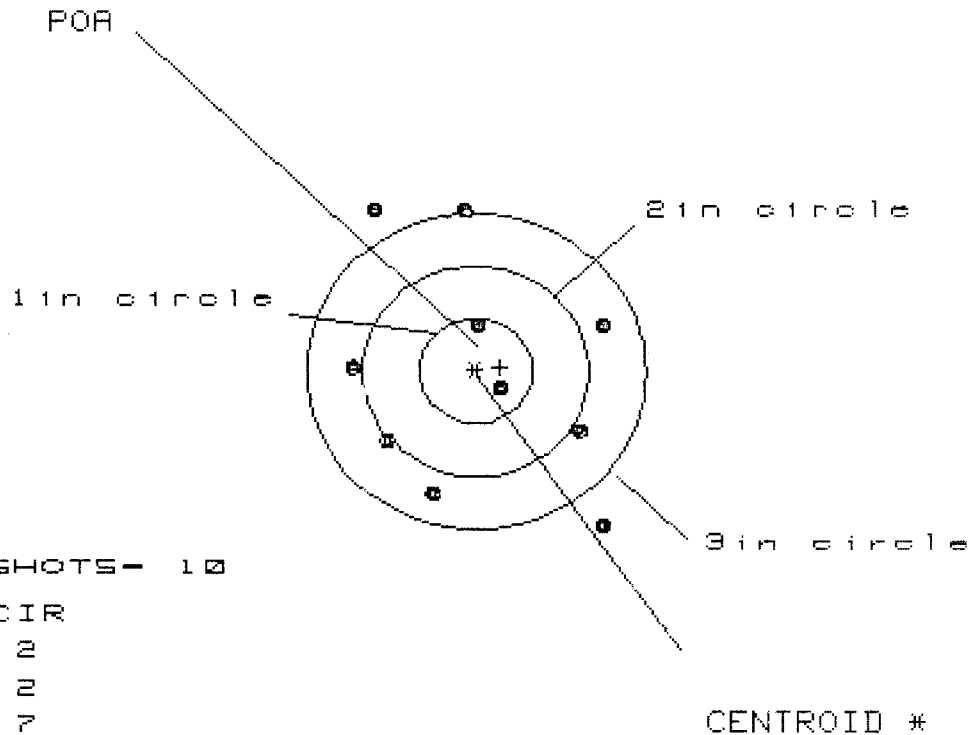
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.991	.810	.750
MINIMUM X	:	-1.625	-1.332	-1.231
MAXIMUM Y	:	1.148	1.111	.965
MINIMUM Y	:	-1.388	-1.425	-1.287
CENTROID X	:	-.289	-.108	-.209
CENTROID Y	:	.065	.102	-.036
POA TO CENTROID in.	:	.296	.149	.212
MIN RADIUS	:	.626	.651	.608
MEAN RADIUS	:	1.093	1.007	.964
MAX RADIUS	:	1.659	1.436	1.289
HORIZONTAL SPREAD	:	2.616	2.142	1.901
VERTICAL SPREAD	:	2.536	2.536	2.252
EXTREME SPREAD	:	3.006	2.719	2.269
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348932

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 2

3 in = 7

HS= 2.287

VS= 3.040

GS= 3.627

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	1.282	1.188
MINIMUM X	:	-1.128	-1.005	-1.099
MAXIMUM Y	:	1.555	1.390	1.541
MINIMUM Y	:	-1.485	-1.321	-1.147
CENTROID X	:	-.215	-.338	-.244
CENTROID Y	:	-.035	.130	-.044
POA TO CENTROID in.	:	.218	.362	.248
MIN RADIUS	:	.251	.339	.265
MEAN RADIUS	:	1.165	1.089	1.003
MAX RADIUS	:	1.851	1.580	1.544
HORIZONTAL SPREAD	:	2.287	2.287	2.287
VERTICAL SPREAD	:	3.040	2.711	2.688
EXTREME SPREAD	:	3.627	2.751	2.703
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

RECEBARBER - M24 0041924 EPORT

COMMENTS

ORDER

R 97-04333

INITIAL CUSTOMER ORDER NO.

WDC 9 OF 9 W/LEUPOLD 10X SCOPE

JLM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/18/97

02/18/97

C6348932

700 7.62

NATO

ACCESSORIES

FROM:

SHIP TO:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

CUST NO: 162097 C.O.D.

ACCOUNT NUMBER

ACCOLNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

WSS H097077#245

PARTS

Barrel

96003

COMMENTS

Re powder Coat Trigger Guard
BSSy, Front + Rear Sight
Base

Re zinc Scope Base, Rings +
Swivel Studs

Scope Sent Back TO Factory
for inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 11/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041924 1963

Final Inspection

Sni: C6348932

DATE REC'D: 2/13/97

DATE RET'D:

Auditor: AW

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: _____

21 DAY TURN - AROUND

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6348932

LOG IN DATE: / /

DATE

INT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
605	CHECK HEADSPACE
610	DIS-ASSEMBLE
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
655	FINAL INSPECT
660	PACK
	QAR INSPECTION

*2/17/97**3/13/97*
*3/17/97**AW*
RW

SHIP DATE

BARBER - M24 0041927

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348932
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1086
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .023
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111009

THE AMR FOR THIS RIFLE IS: 1.03

CENTROIDAL DISTANCES

0 TO 1	.283584
1 TO 2	.171686
1 TO 3	.445199
1 TO 4	.0623939
1 TO 5	.392868

$\frac{2}{14} + \frac{3}{5} \quad \text{<----POA}$

BARBER - M24 0041928

REMINGTON CENTERFIRE ACCURACY TEST

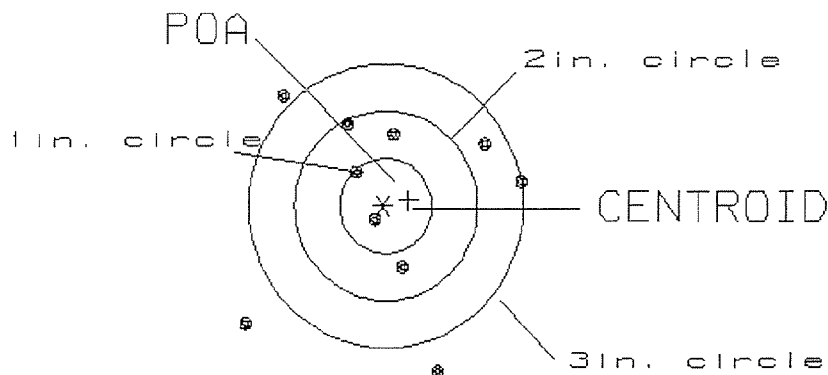
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .284
MIN RADIUS : .163
MEAN RADIUS : 1.119
MAX RADIUS : 1.973
CENTROID X : -.278
CENTROID Y : -.056

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.96

2

VS= 2.95

5

GS= 3.44

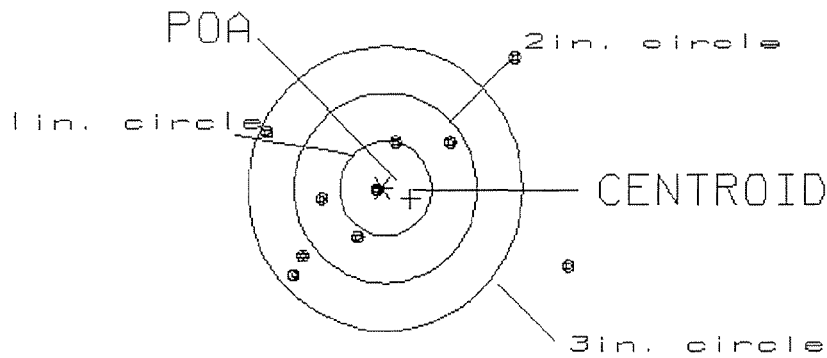
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PATTERN #: 2
 POA TO CENTROID: .323
 MIN RADIUS : .061
 MEAN RADIUS : 1.063
 MAX RADIUS : 2.139
 CENTROID X : -.302
 CENTROID Y : .114

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.27

1

VS= 2.26

5

GS= 3.54

8

BARBER - M24 0041930

REMINGTON CENTERFIRE ACCURACY TEST

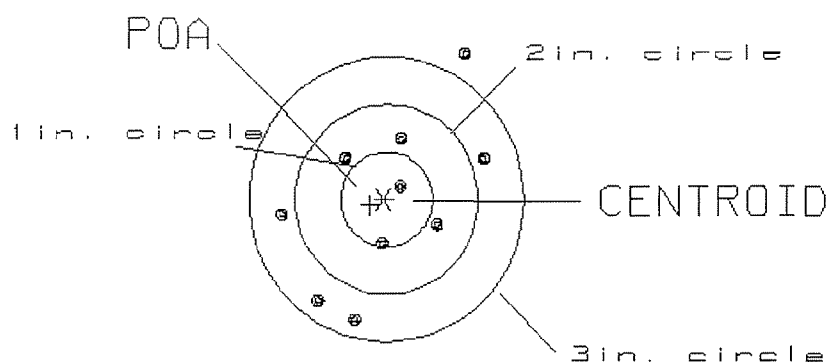
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .164
 MIN RADIUS : .158
 MEAN RADIUS : .921
 MAX RADIUS : 1.749
 CENTROID X : .151
 CENTROID Y : .063

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.20

2

VS= 2.62

5

GS= 3.07

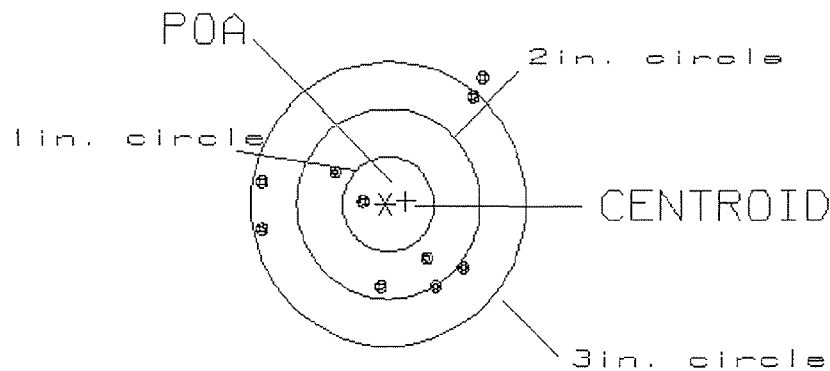
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PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .222
 MIN RADIUS : .252
 MEAN RADIUS : 1.035
 MAX RADIUS : 1.670
 CENTROID X : -.220
 CENTROID Y : -.033

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.37

1

VS= 2.17

5

GS= 2.88

9

BARBER - M24 0041932

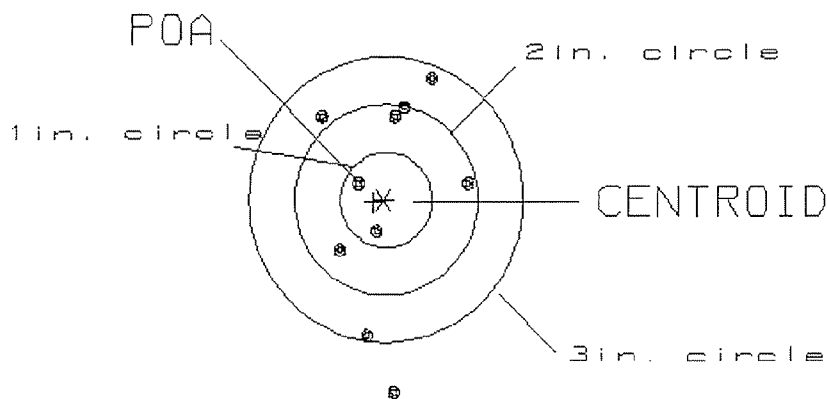
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
POA TO CENTROID: .109
MIN RADIUS : .312
MEAN RADIUS : 1.010
MAX RADIUS : 2.075
CENTROID X : .106
CENTROID Y : .027

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348932

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 1.50

2

VS= 3.36

5

GS= 3.38

9