

C6225579

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Speed®

naglelj	10/21/2003	12:42 PM	CAPS	NUM	INS	SCBL	
start	2 Mo	5 Mo	Top Di...	Arms S...	Part Se...	100%	12:42 PM

RE00071768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225579.___0
FILE DATE AND TIME: 11/12/2003 11:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.105
The Average Y Centroid of the Five Target Set:	0.130
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.780
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.211
The Distance from Centroid Target #5 to Centroid Target #1:	0.300

SERIAL NUMBER: C6225579. __0

TARGET NUMBER: 1

FILE DATE: 11/12/2003

FILE TIME: 11:56

X CENTROID: -0.073

Y CENTROID: 0.055

POA TO CENTROID: 0.091

HORZ SPREAD: 1.647

VERT SPREAD: 1.636

GROUP SPREAD: 1.757

MIN RADIUS: 0.169

MAX RADIUS: 1.173

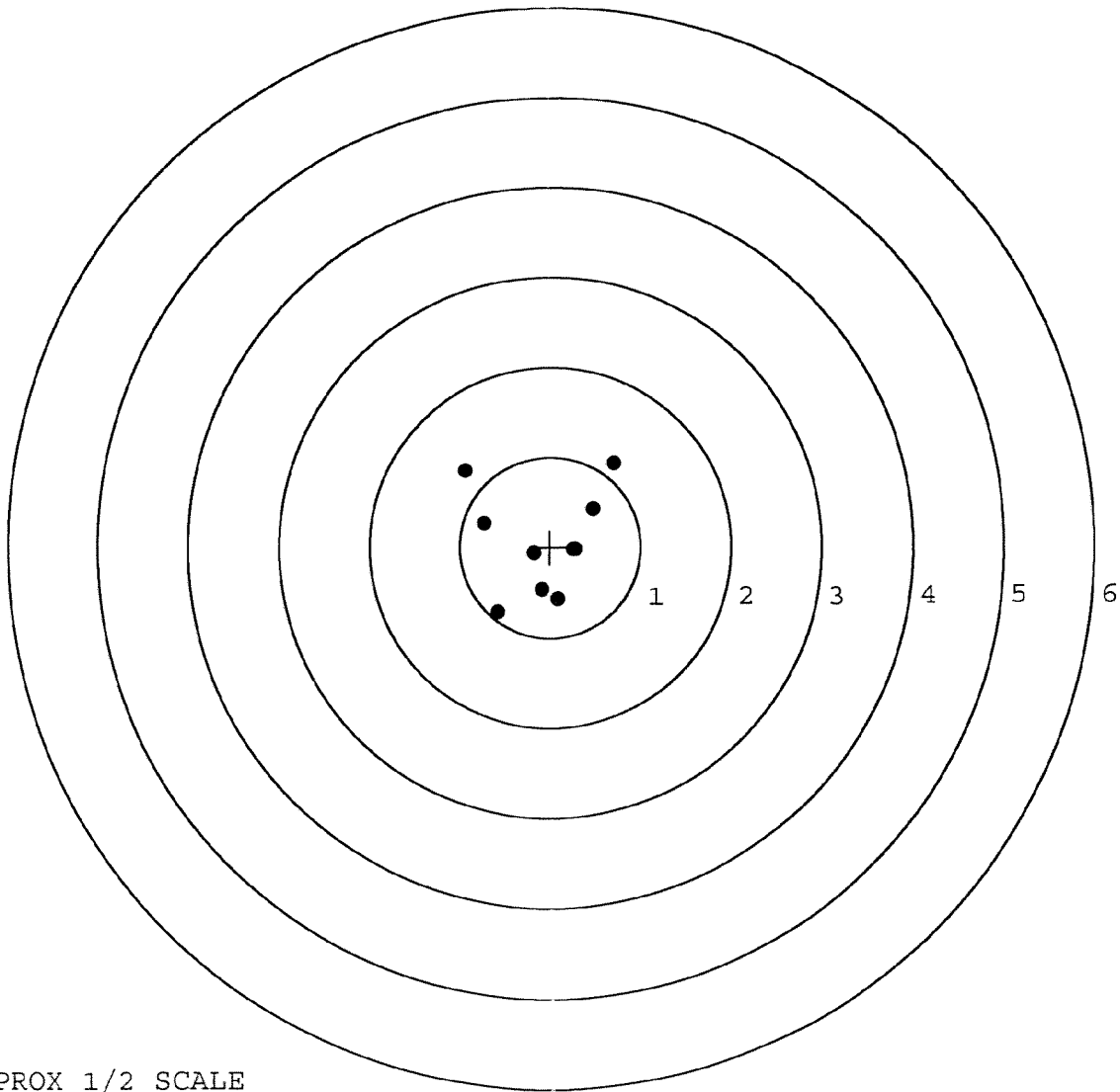
MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.709	0.922
2:	-0.938	0.848
3:	-0.728	0.266
4:	0.474	0.414
5:	0.259	-0.028
6:	-0.186	-0.071
7:	-0.095	-0.473
8:	0.086	-0.580
9:	-0.584	-0.714
10:	0.274	-0.032

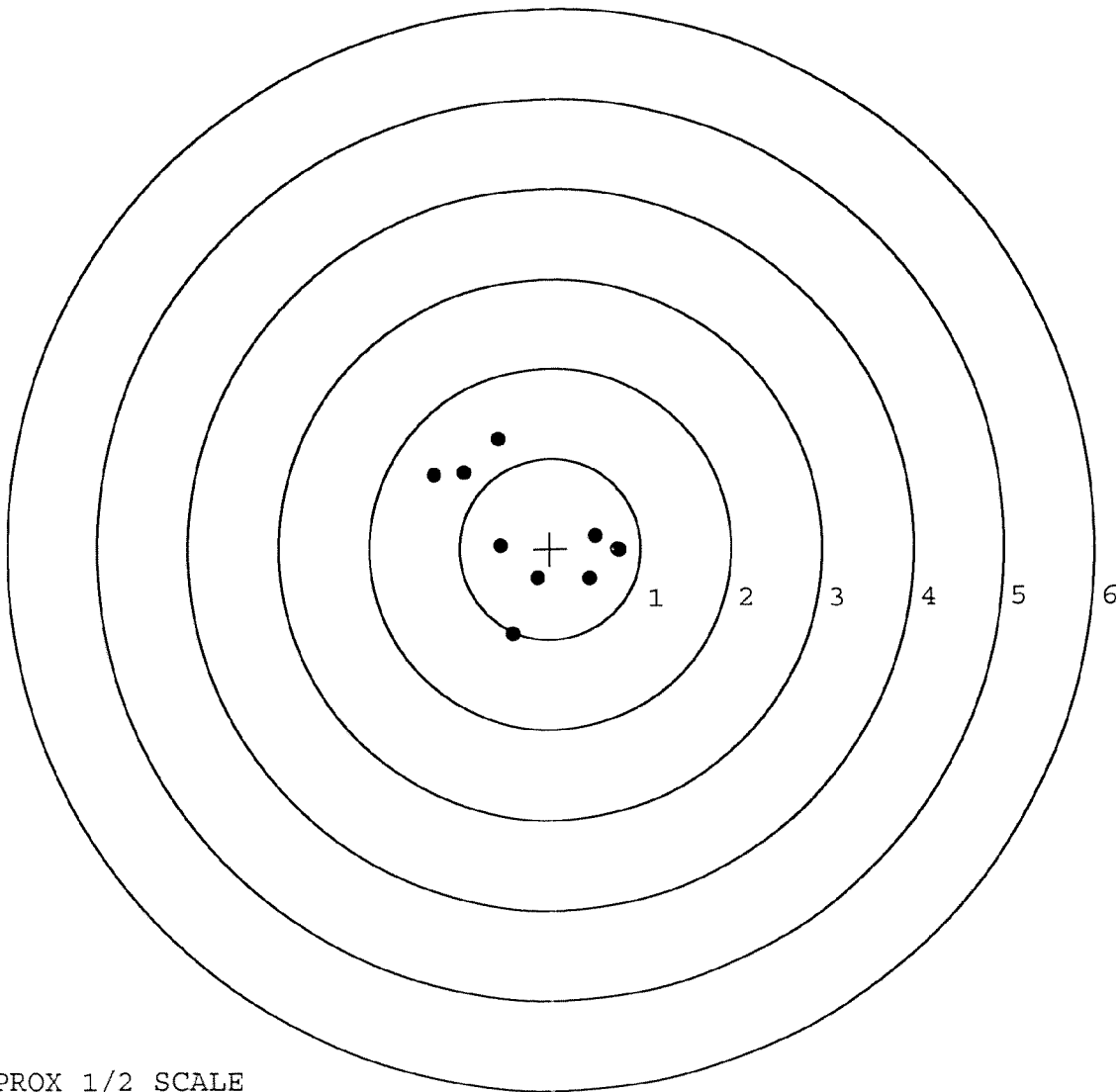


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579. __0
 TARGET NUMBER: 2
 FILE DATE: 11/12/2003
 FILE TIME: 11:56

X CENTROID: -0.146
 Y CENTROID: 0.139
 POA TO CENTROID: 0.202
 HORZ SPREAD: 2.043
 VERT SPREAD: 2.156
 GROUP SPREAD: 2.209
 MIN RADIUS: 0.417
 MAX RADIUS: 1.322
 MEAN RADIUS: 0.878
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.568	1.215
2:	-0.947	0.841
3:	-1.280	0.819
4:	-0.551	0.040
5:	-0.145	-0.332
6:	-0.417	-0.941
7:	0.440	-0.345
8:	0.763	-0.022
9:	0.498	0.138
10:	0.745	-0.019

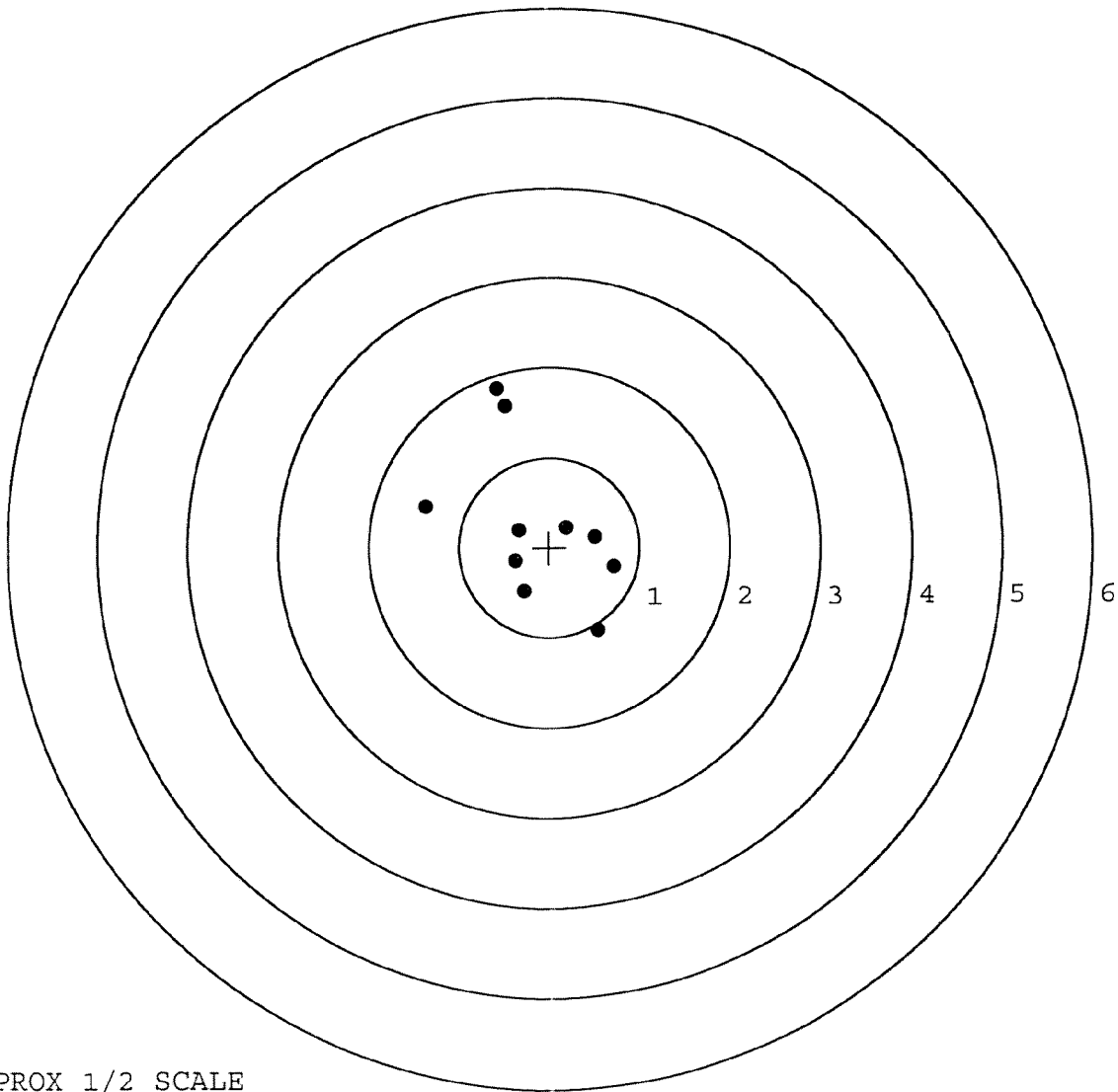


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579. __0
 TARGET NUMBER: 3
 FILE DATE: 11/12/2003
 FILE TIME: 11:56

X CENTROID: -0.148
 Y CENTROID: 0.254
 POA TO CENTROID: 0.294
 HORZ SPREAD: 2.088
 VERT SPREAD: 2.688
 GROUP SPREAD: 2.909
 MIN RADIUS: 0.200
 MAX RADIUS: 1.567
 MEAN RADIUS: 0.895
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.577	1.761
2:	-0.481	1.573
3:	-1.369	0.464
4:	-0.339	0.195
5:	-0.380	-0.151
6:	-0.282	-0.488
7:	0.534	-0.927
8:	0.719	-0.222
9:	0.503	0.114
10:	0.192	0.221



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579. 0

TARGET NUMBER: 4

FILE DATE: 11/12/2003

FILE TIME: 11:56

POINT#	X	Y
1:	0.691	-0.099
2:	0.365	0.050
3:	0.258	-0.233
4:	0.353	-0.701
5:	-0.325	-0.479
6:	-0.220	0.628
7:	-0.552	0.135
8:	-0.114	0.232
9:	-0.270	-1.422
10:	-0.333	0.411

X CENTROID: -0.015

Y CENTROID: -0.148

POA TO CENTROID: 0.149

HORZ SPREAD: 1.243

VERT SPREAD: 2.050

GROUP SPREAD: 2.051

MIN RADIUS: 0.286

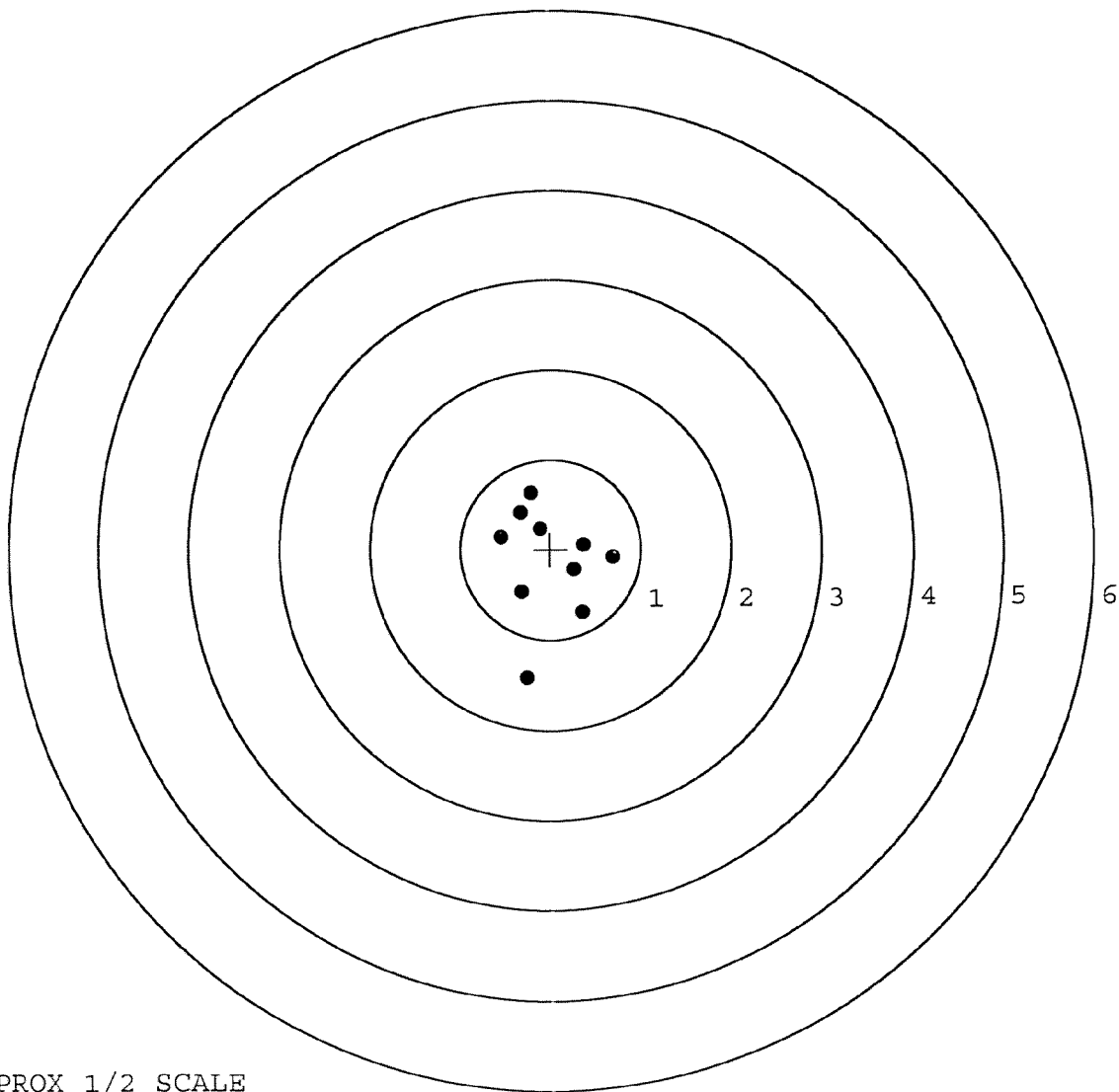
MAX RADIUS: 1.300

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

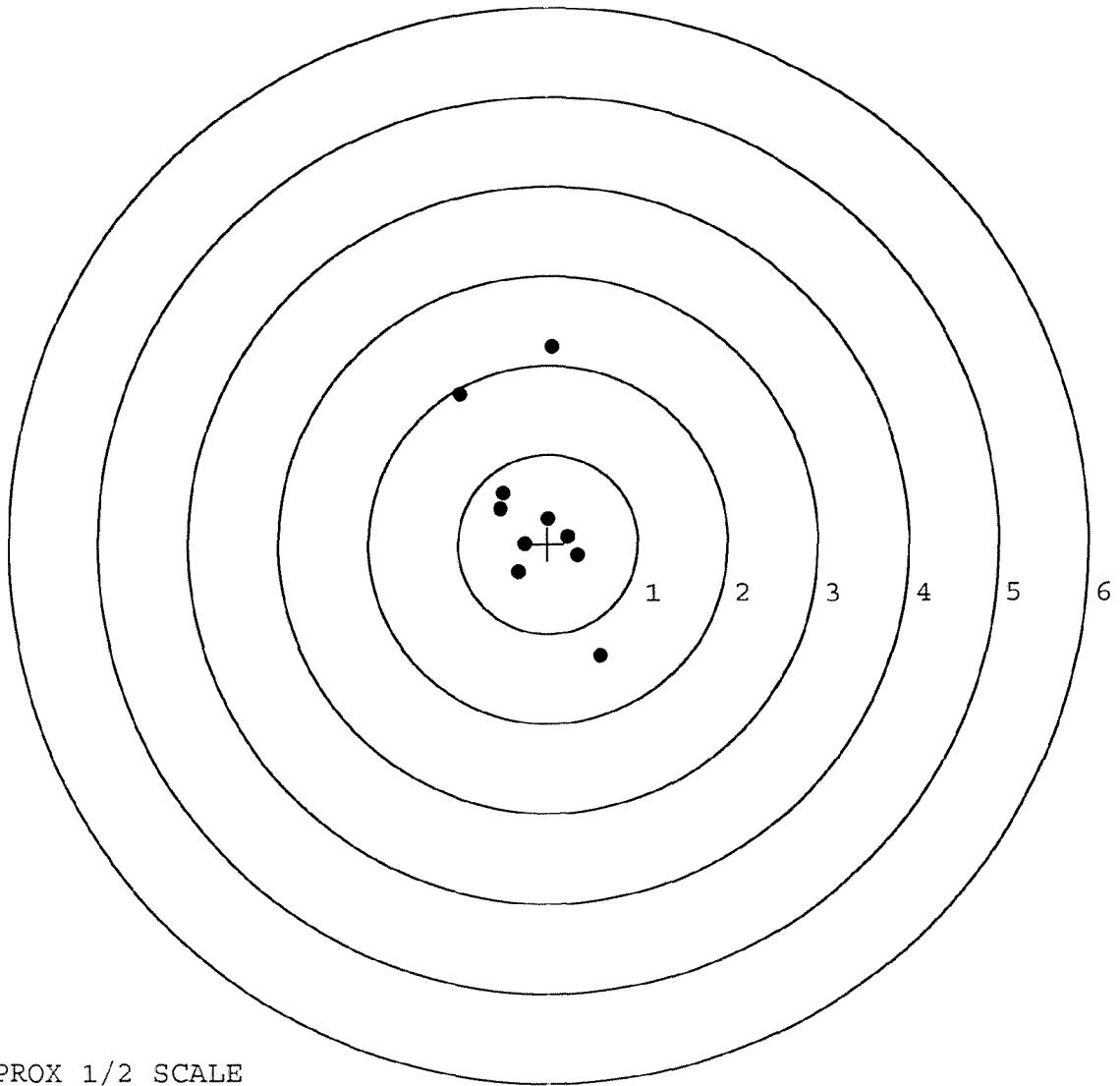


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225579. __0
 TARGET NUMBER: 5
 FILE DATE: 11/12/2003
 FILE TIME: 11:56

POINT#	X	Y
1:	0.055	2.200
2:	-0.979	1.677
3:	0.580	-1.256
4:	0.331	-0.131
5:	0.221	0.074
6:	0.003	0.277
7:	-0.499	0.561
8:	-0.528	0.388
9:	-0.332	-0.318
10:	-0.260	0.002

X CENTROID: -0.141
 Y CENTROID: 0.347
 POA TO CENTROID: 0.375
 HORZ SPREAD: 1.559
 VERT SPREAD: 3.456
 GROUP SPREAD: 3.496
 MIN RADIUS: 0.160
 MAX RADIUS: 1.863
 MEAN RADIUS: 0.834
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225579
24 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.737151
1 TO	2	.476766
1 TO	3	.810492
1 TO	4	.344246
1 TO	5	.224984

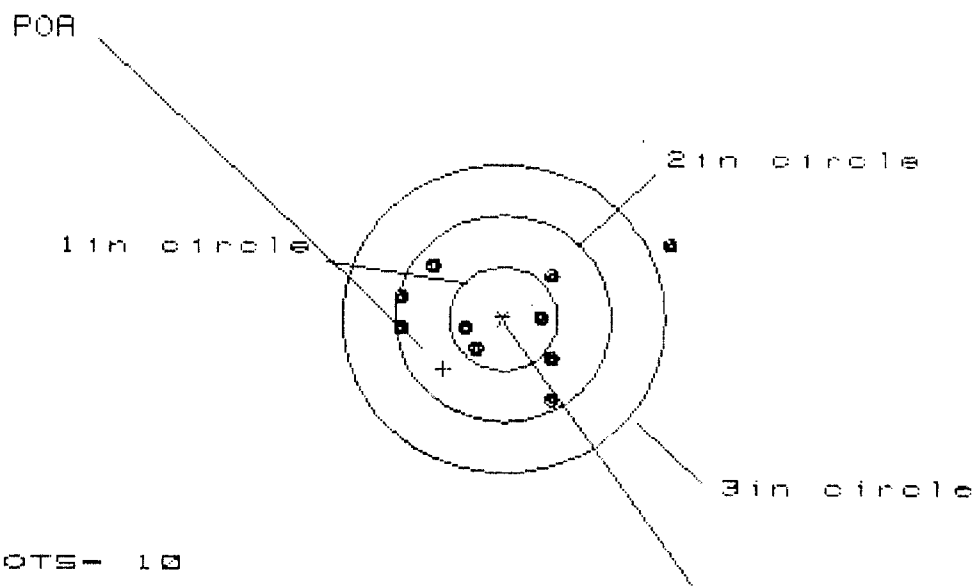
+ $\frac{1}{2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4994
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .514133
THE AMR FOR THIS RIFLE IS: .8912

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225579

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 9

HS= 2.559

VS= 1.498

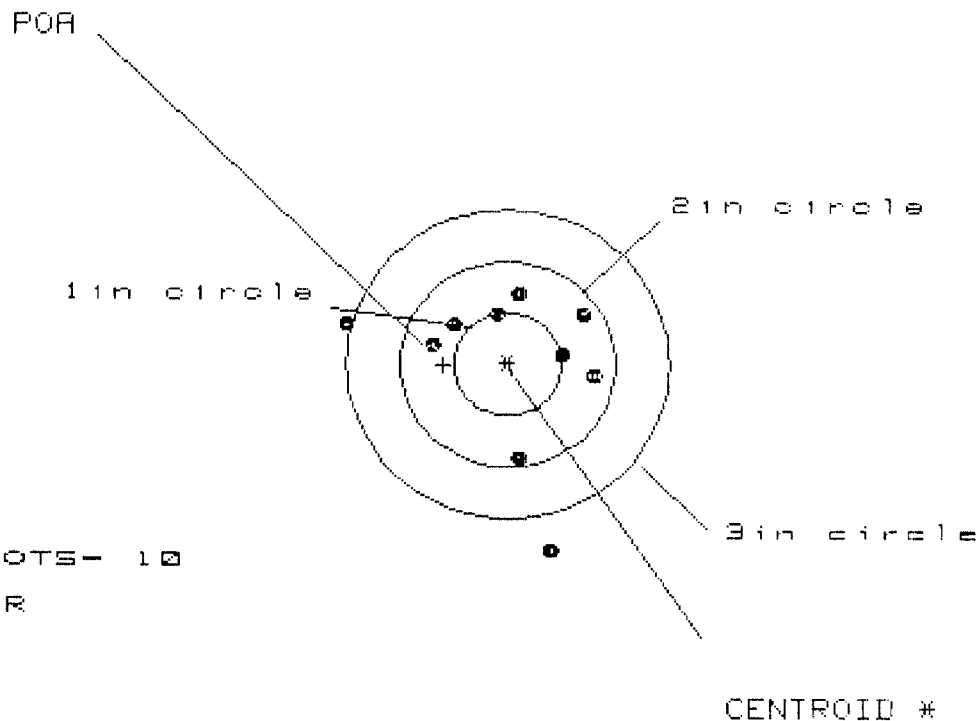
GS= 2.674

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.574	.635	.534
MINIMUM X	:	-.985	-.810	-.855
MAXIMUM Y	:	.669	.557	.553
MINIMUM Y	:	-.829	-.754	-.758
CENTROID X	:	.556	.381	.482
CENTROID Y	:	.484	.409	.413
POA TO CENTROID in.	:	.737	.559	.635
MIN RADIUS	:	.315	.230	.306
MEAN RADIUS	:	.774	.643	.621
MAX RADIUS	:	1.711	.986	.927
HORIZONTAL SPREAD	:	2.559	1.445	1.389
VERTICAL SPREAD	:	1.498	1.311	1.311
EXTREME SPREAD	:	2.674	1.729	1.729
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	9		

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225579

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 8

3 in = 8

HS= 2.333

VS= 2.466

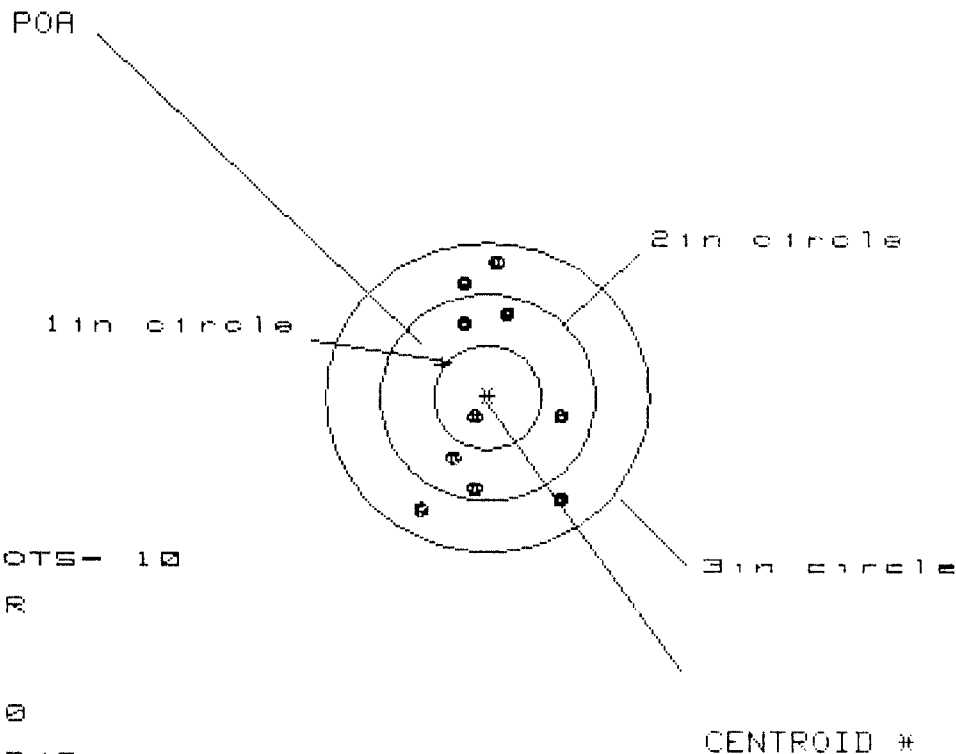
GS= 2.937

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.900	.721
MINIMUM X	:	-1.482	-1.433	-.860
MAXIMUM Y	:	.649	.447	.473
MINIMUM Y	:	-1.817	-1.077	-1.051
CENTROID X	:	.597	.548	.727
CENTROID Y	:	.009	.211	.185
POA TO CENTROID in.	:	.597	.587	.751
MIN RADIUS	:	.517	.310	.400
MEAN RADIUS	:	.916	.764	.667
MAX RADIUS	:	1.869	1.447	1.052
HORIZONTAL SPREAD	:	2.333	2.333	1.581
VERTICAL SPREAD	:	2.466	1.524	1.524
EXTREME SPREAD	:	2.937	2.387	1.614
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225579

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 1.342

VS = 2.339

GS = 2.433

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.707	.711	.632
MINIMUM X	:	-.635	-.631	-.356
MAXIMUM Y	:	1.270	1.289	1.173
MINIMUM Y	:	-1.069	-.928	-.938
CENTROID X	:	.420	.416	.495
CENTROID Y	:	-.315	-.456	-.340
POA TO CENTROID in.	:	.525	.617	.600
MIN RADIUS	:	.193	.109	.228
MEAN RADIUS	:	.879	.814	.784
MAX RADIUS	:	1.271	1.305	1.207
HORIZONTAL SPREAD	:	1.342	1.342	.988
VERTICAL SPREAD	:	2.339	2.217	2.111
EXTREME SPREAD	:	2.433	2.301	2.301
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225573

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.714

VS= 2.574

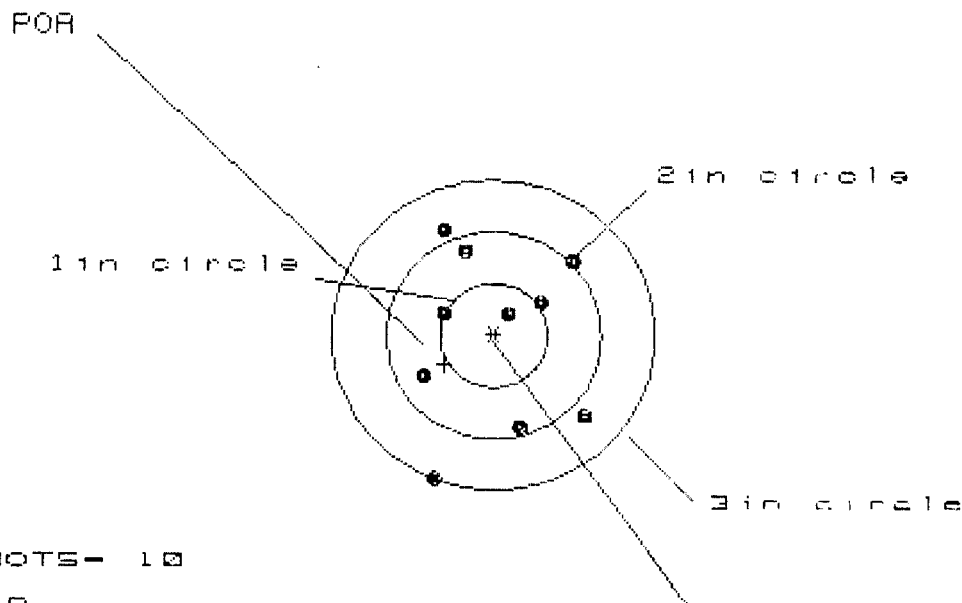
GS= 2.907

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.295	1.137	1.199
MINIMUM X	:	-1.419	-.896	-.834
MAXIMUM Y	:	1.226	1.079	.892
MINIMUM Y	:	-1.348	-1.495	-.798
CENTROID X	:	.465	.623	.561
CENTROID Y	:	.152	.299	.486
POA TO CENTROID in.	:	.489	.691	.742
MIN RADIUS	:	.183	.067	.263
MEAN RADIUS	:	1.025	.895	.817
MAX RADIUS	:	1.941	1.576	1.440
HORIZONTAL SPREAD	:	2.714	2.033	2.033
VERTICAL SPREAD	:	2.574	2.574	1.690
EXTREME SPREAD	:	2.907	2.697	2.446
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225579

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.474

VS= 2.346

GS= 2.449

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.813
MINIMUM X	-.661
MAXIMUM Y	.985
MINIMUM Y	-1.361
CENTROID X	.459
CENTROID Y	.281
POA TO CENTROID in.	.538
MIN RADIUS	.300
MEAN RADIUS	.862
MAX RADIUS	1.457
HORIZONTAL SPREAD	1.474
VERTICAL SPREAD	2.346
EXTREME SPREAD	2.449
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

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

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

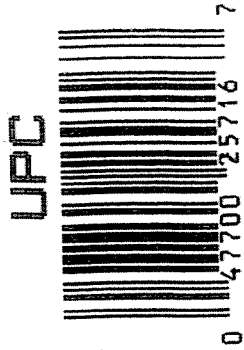
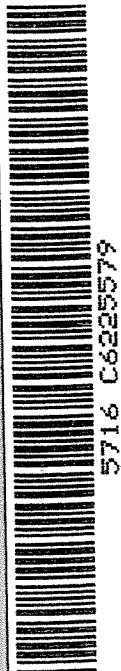
MODEL 700™ M24

SERIAL NO.
C6225579

ORDER NO.
5716

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

01



AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6225579DATE 3/19/03TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.30	2.34		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.29	2.34		
PULL #3	2.33	2.31	2.32		
PULL #4	2.31	2.34	2.35		
PULL #5	2.33	2.22	2.36		
TOTAL	11.73	11.46	11.71		
AVG.	2.34	2.29	2.34		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.21		
PULL #2	3.18	3.20		
PULL #3	3.19	3.19		
PULL #4	3.21	3.20		
PULL #5	3.19	3.21		
TOTAL	15.92	16.01		
AVG.	3.18	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.95		
PULL #2	4.04	3.96		
PULL #3	4.02	3.99		
PULL #4	4.01	4.00		
PULL #5	4.01	3.93		
TOTAL	20.13	19.83		
AVG.	4.03	3.97		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225579

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	B.S.
617	Drill and Tap Sight Holes	4 14	89	JB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/19/89	RW
	C) Inspect Ejector Hole for Chamfer		4/19/89	RW
	D) Oil Firing Pin Ass'y		4/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/20/89	JB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/20/89	JS
	G) Safety Off Force	3	3	3			4/20/89	JS
	H) Trigger Pull Test & Retainability						4/20/89	L.S.
	I) Firing Pin Indent	.020	.020	.019			4/20/89	JS
	J) Assemble Stock						4/21/89	RW
	K) Assemble Swivel Studs						25 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/21/89	RW
	M) Iron Sight Alignment						4/21/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/21/89	RW
	O) Attach Scope to Rifle						4/21/89	JS
	P) Detach & Attach Scope 20 Times						4/21/89	JS
640	Gallery Target & Test	59 R	92L				4/21/89	DH
	A) Time						4/21/89	DH
	B) Malfunctions						4/21/89	DH
	C) Pierced Primers						4/21/89	DH
	D) Optical Clarity of Scope						4/21/89	DH
645	Inspect for Live Ammo						4/21/89	DH
655	Final Inspection							
	A) Headspace						25 April 89	JS
	B) Trigger Pull	234	267	273	239	253	25 April 89	JS
	C) Function						25 April 89	JS
660	Pack						27 June 89	JS

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-09654INITIAL
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/08/96

04/08/96

DJ 7-89

C6225579

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

CUST NO: 141138 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROV. 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

A1

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

PARTS

COMMENTS

Barrel
stock

96003
96018

Reboulder Coat Trigger Guard
Assy, Front & Rear Sight
Bases
Re Zinc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0051896

Barrel
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225579

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/23/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/23/96	RW
	C) Inspect Ejector Hole for Chamfer		4/23/96	RW
	D) Oil Firing Pin Ass'y		4/23/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0051859 OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/23/96	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/23/96	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/23/96	RW
655	Final Inspection			
	A) Headspace		4/24/96	RW
	B) Trigger Pull		4/24/96	RW
	C) Function		4/24/96	RW
660	Pack			

Final Inspection

S.N. C6225579

DATE REC'D: 4/8/96

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225579
22 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.476966
1 TO	2	.379132
1 TO	3	.0413038
1 TO	4	.127581
1 TO	5	.134495

0 1

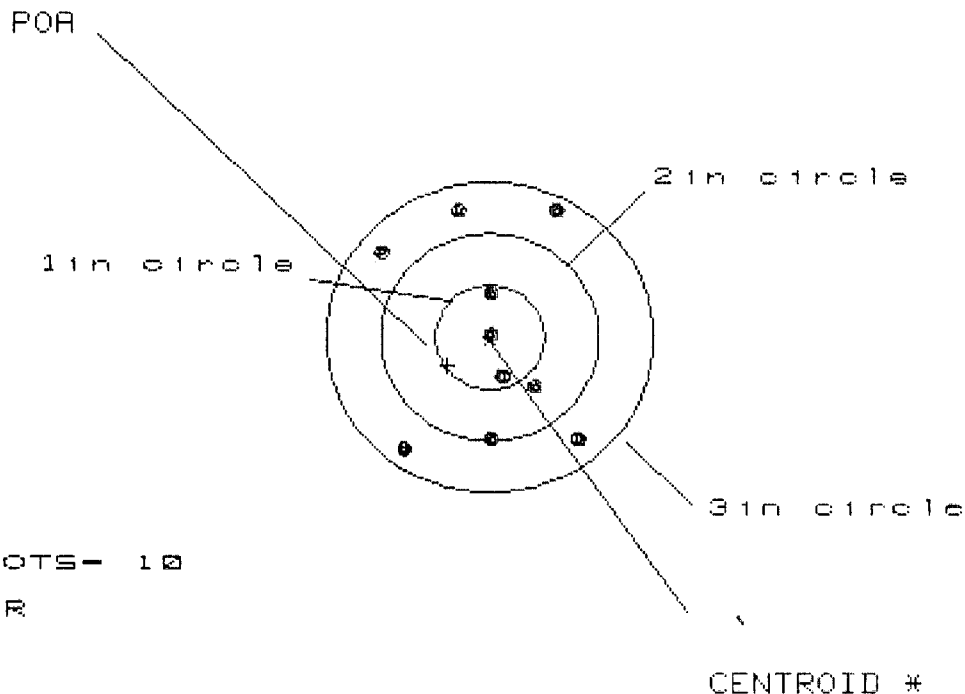
2 3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .344
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .452517
THE AMR FOR THIS RIFLE IS: 1.052

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/CB225579

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.824

VS= 2.349

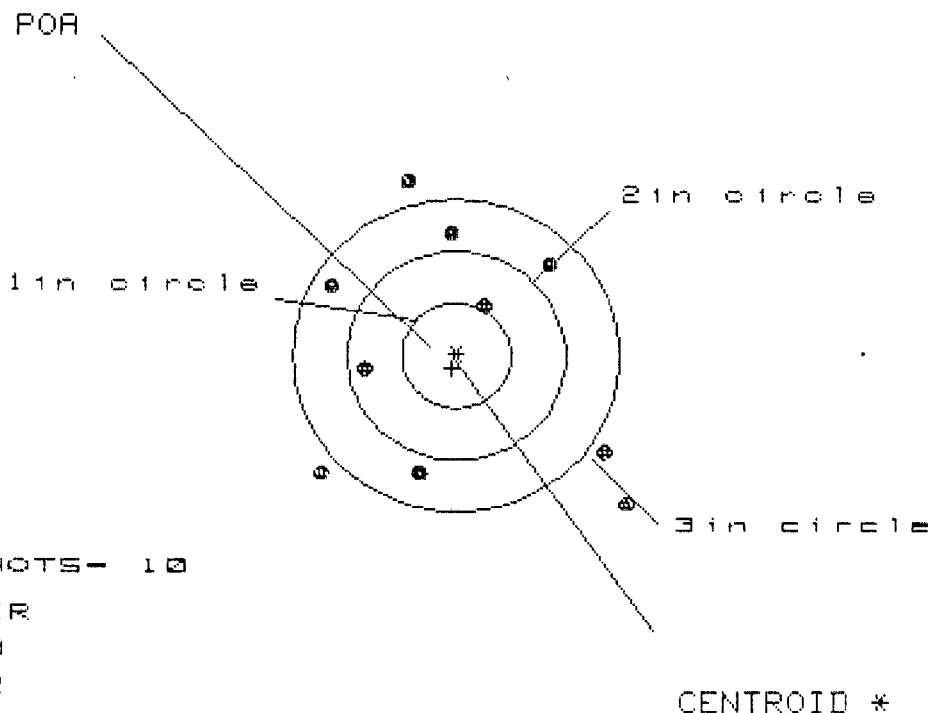
GS= 2.737

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.919	.833
MINIMUM X	:	-.976	-.905	-.991
MAXIMUM Y	:	1.255	1.384	1.264
MINIMUM Y	:	-1.094	-.954	-.928
CENTROID X	:	.389	.318	.404
CENTROID Y	:	.276	.136	.255
POA TO CENTROID in.	:	.477	.346	.478
MIN RADIUS	:	.029	.185	.043
MEAN RADIUS	:	.904	.847	.785
MAX RADIUS	:	1.412	1.396	1.331
HORIZONTAL SPREAD	:	1.824	1.824	1.824
VERTICAL SPREAD	:	2.349	2.338	2.193
EXTREME SPREAD	:	2.737	2.575	2.575
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225579

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 2

3in = 6

HS = 2.721

VS = 3.124

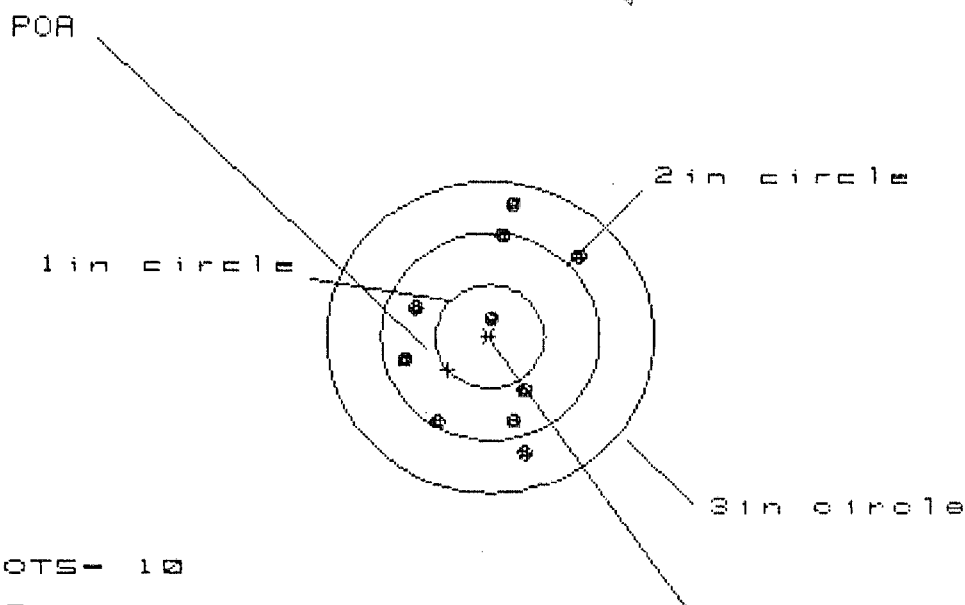
GS = 3.664

PATTERN #	121	122	123
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.516	1.476	1.447
MINIMUM X	-1.205	-1.036	-1.065
MAXIMUM Y	1.719	1.563	1.203
MINIMUM Y	-1.405	-1.318	-1.123
CENTROID X	.043	-.126	-.097
CENTROID Y	.121	.277	.082
POA TO CENTROID in.	.129	.305	.127
MIN RADIUS	.513	.505	.622
MEAN RADIUS	1.334	1.220	1.181
MAX RADIUS	2.067	1.854	1.718
HORIZONTAL SPREAD	2.721	2.512	2.512
VERTICAL SPREAD	3.124	2.881	2.326
EXTREME SPREAD	3.664	3.181	2.924
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

22 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225579

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.643

VS = 2.313

GS = 2.313

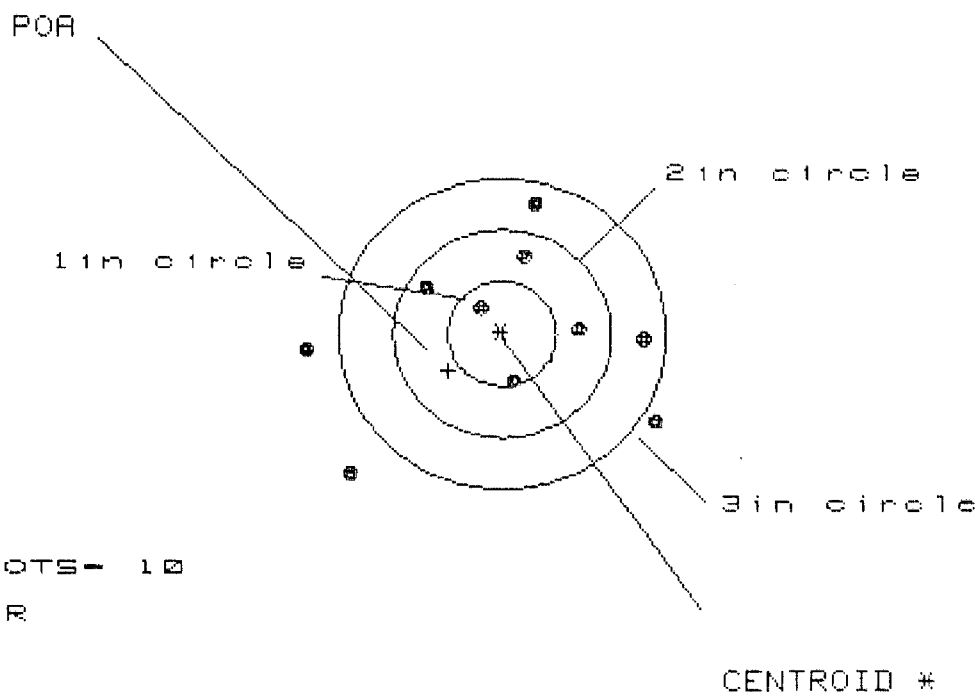
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.827	.855	.414
MINIMUM X	-.816	-.788	-.681
MAXIMUM Y	1.242	1.109	1.223
MINIMUM Y	-1.071	-.933	-.819
CENTROID X	.384	.356	.250
CENTROID Y	.317	.179	.065
POA TO CENTROID in.	.498	.399	.258
MIN RADIUS	.146	.286	.423
MEAN RADIUS	.865	.811	.743
MAX RADIUS	1.267	1.251	1.248
HORIZONTAL SPREAD	1.643	1.643	1.096
VERTICAL SPREAD	2.313	2.042	2.042
EXTREME SPREAD	2.313	2.095	2.048
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

22 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/06225579

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.215

VS= 2.550

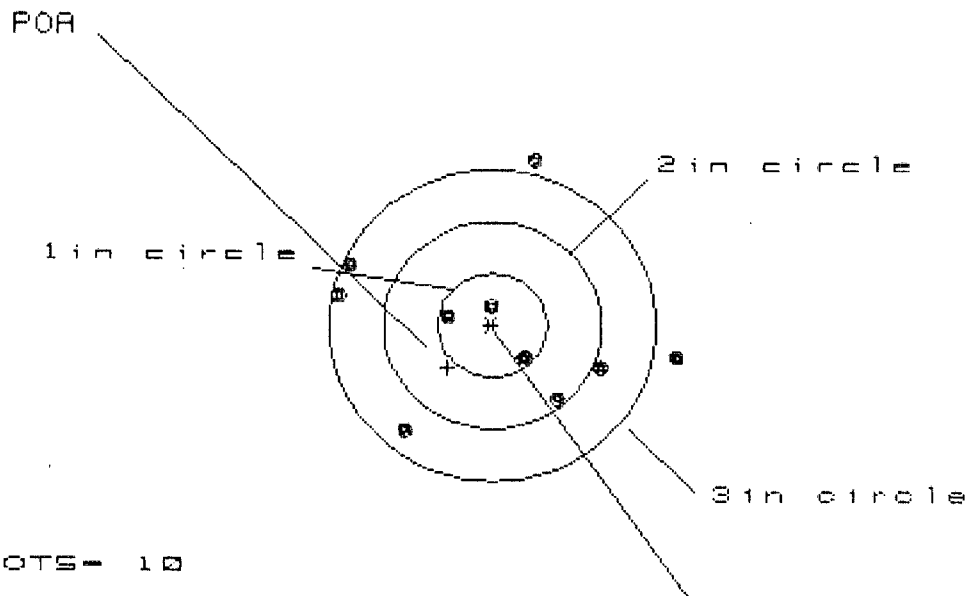
GS= 3.278

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.418	1.267	1.024
MINIMUM X	-1.797	-1.948	-1.039
MAXIMUM Y	1.226	1.078	1.040
MINIMUM Y	-1.324	-.951	-.989
CENTROID X	.495	.646	.889
CENTROID Y	.347	.495	.533
POA TO CENTROID in.	.605	.813	1.037
MIN RADIUS	.358	.381	.290
MEAN RADIUS	1.097	.976	.836
MAX RADIUS	1.842	1.972	1.424
HORIZONTAL SPREAD	3.215	3.215	2.063
VERTICAL SPREAD	2.550	2.029	2.029
EXTREME SPREAD	3.278	3.278	2.419
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06225573

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 3.135

VS= 2.673

GS= 3.210

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.703	1.171	1.246
MINIMUM X	-1.432	-1.243	-1.168
MAXIMUM Y	1.617	1.578	.762
MINIMUM Y	-1.056	-1.095	-.898
CENTROID X	.409	.220	.145
CENTROID Y	.409	.449	.251
POR TO CENTROID in.	.509	.499	.290
MIN RADIUS	.181	.199	.273
MEAN RADIUS	1.061	.975	.888
MAX RADIUS	1.740	1.686	1.291
HORIZONTAL SPREAD	3.135	2.414	2.414
VERTICAL SPREAD	2.673	2.673	1.660
EXTREME SPREAD	3.210	2.922	2.513
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

Scope # 89-0524

Serial Number: C6225579

Model: 700



RE00008819

BBL-96003

Troyger Assy - 96024

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 16225579DATE 8-16-00TESTER Rw

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.76	2.68		2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.76	2.71		2.84	
PULL #3	2.67	2.71		2.73	
PULL #4	2.54	2.72		2.86	
PULL #5	2.70	2.73		2.88	
TOTAL	13.43	13.55		14.08	
AVG.	2.69	2.71		2.82	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.27		
PULL #2	3.13	3.34		
PULL #3	3.34	3.41		
PULL #4	3.22	3.32		
PULL #5	3.23	3.27		
TOTAL	16.17	16.49		
AVG.	3.23	3.30		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.21		4.34
PULL #2	4.26	4.32		4.33
PULL #3	4.17	4.20		4.37
PULL #4	4.18	4.34		4.25
PULL #5	4.20	4.28		4.32
TOTAL	21.17	21.35		21.61
AVG.	4.23	4.27		4.32

BARBER - M24 0051869

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225579
21 Aug 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2564
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .26178

THE AMR FOR THIS RIFLE IS: 1.295

CENTROIDAL DISTANCES

Ø TO	1	.704314
1 TO	2	.484698
1 TO	3	1.01323
1 TO	4	.824876
1 TO	5	.6632

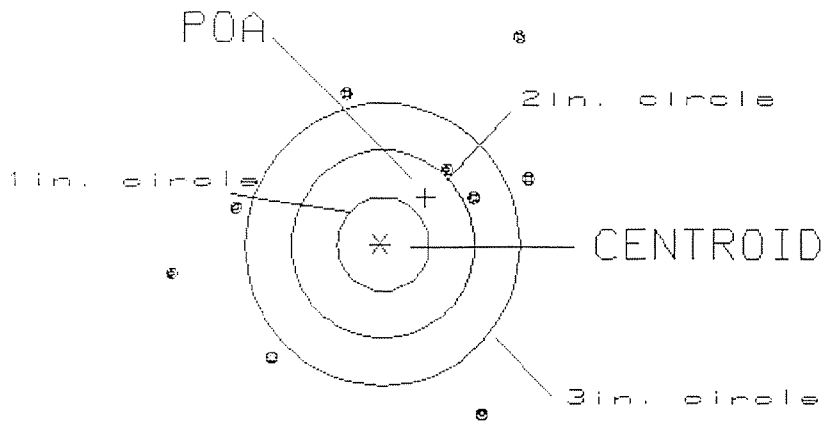
4
2 + 3 <----POA
5
1

PATTERN #: 1
 POA TO CENTROID: .705
 MIN RADIUS : 1.074
 MEAN RADIUS : 1.901
 MAX RADIUS : 2.954
 CENTROID X : -.493
 CENTROID Y : -.503

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 1



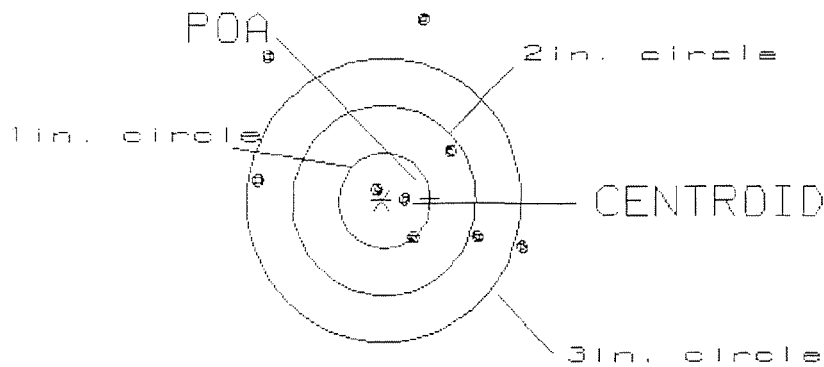
# OF SHOTS= 10	# IN CIRCLE
HS= 3.95	0
VS= 5.12	0
GS= 5.41	2

PATTERN #: 2
 POA TO CENTROID: .519
 MIN RADIUS : .150
 MEAN RADIUS : 1.330
 MAX RADIUS : 3.423
 CENTROID X : -.519
 CENTROID Y : -.019

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.99

2

US= 5.02

4

GS= 5.38

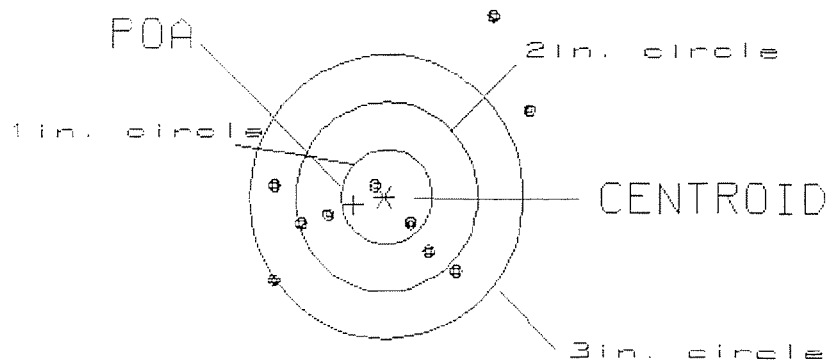
6

PATTERN #: 3
 POA TO CENTROID: .344
 MIN RADIUS : .149
 MEAN RADIUS : 1.076
 MAX RADIUS : 2.243
 CENTROID X : .335
 CENTROID Y : .081

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.77
 VS= 2.63
 GS= 3.65

2
 5
 7

BARBER - M24 0051873

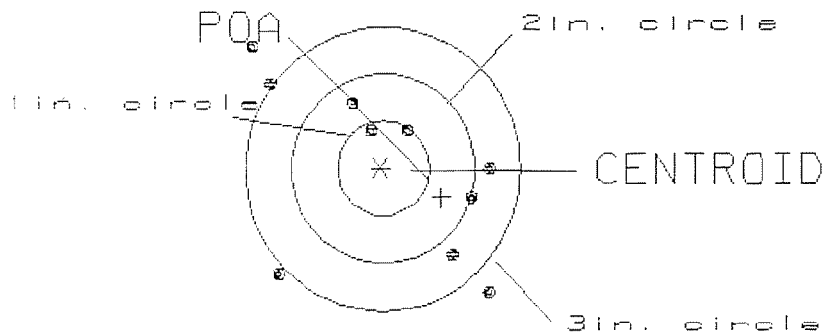
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
POA TO CENTROID: .726
MIN RADIUS : .380
MEAN RADIUS : 1.192
MAX RADIUS : 1.921
CENTROID X : -.659
CENTROID Y : .305

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.66

2

VS= 2.57

3

GS= 3.70

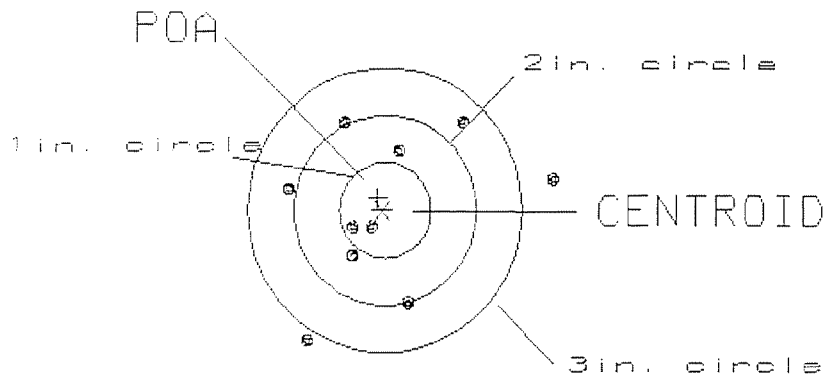
6

PATTERN #: 5
 POA TO CENTROID: .138
 MIN RADIUS : .260
 MEAN RADIUS : .976
 MAX RADIUS : 1.898
 CENTROID X : .054
 CENTROID Y : -.128

21 Aug 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225579

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.93

2

VS= 2.31

5

GS= 3.15

3

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

R & E NUMBER		8819	
SERIAL NUMBER		C6225579	
LOG-IN DATE		4-26-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-27-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-2-00	RW
605	CHECK HEADSPACE	5-2-00	RW
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	8-21-00	RW
655	FINAL INSPECT	8-22-00	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

FINAL Inspection

Sn: C6225579

DATE REC'D: 4-26-00

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

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:

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING