

C6349208

MODEL 700™ M24

Model **SMS**™

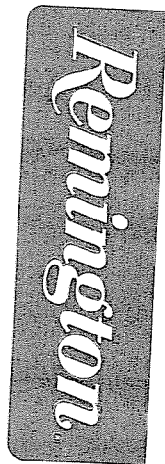
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Ser. Number : C6349208
 Model: 700
 RE00074610

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349208.__0

FILE DATE AND TIME: 01/20/2004 07:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	0.192
The Average Point of Impact of the Five Target Set:	0.192
The Average Mean Radius of the Five Target Set:	0.608
The Distance from POA to Centroid Target #1:	0.300
The Distance from Centroid Target #2 to Centroid Target #1:	0.446
The Distance from Centroid Target #3 to Centroid Target #1:	0.517
The Distance from Centroid Target #4 to Centroid Target #1:	0.377
The Distance from Centroid Target #5 to Centroid Target #1:	0.105

SERIAL NUMBER: C6349208. __0

TARGET NUMBER: 1

FILE DATE: 01/20/2004

FILE TIME: 07:34

POINT#	X	Y
1:	0.117	0.480
2:	-0.062	0.444
3:	0.302	0.386
4:	0.361	0.234
5:	0.346	-0.118
6:	0.249	-0.359
7:	-0.029	-0.785
8:	0.732	0.518
9:	1.007	0.843
10:	-0.450	-0.096

X CENTROID: 0.257

Y CENTROID: 0.155

POA TO CENTROID: 0.300

HORZ SPREAD: 1.457

VERT SPREAD: 1.628

GROUP SPREAD: 1.930

MIN RADIUS: 0.131

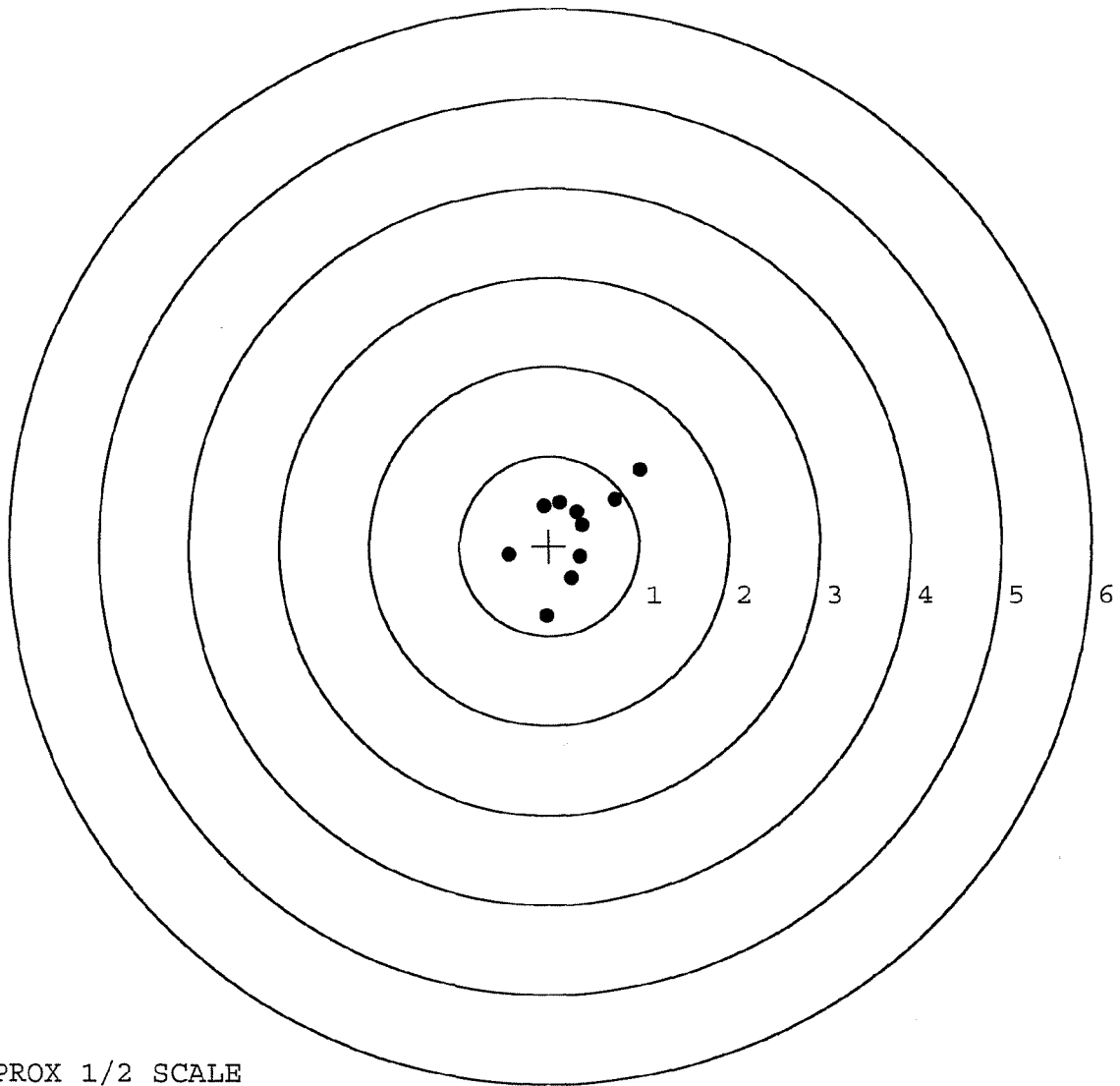
MAX RADIUS: 1.018

MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



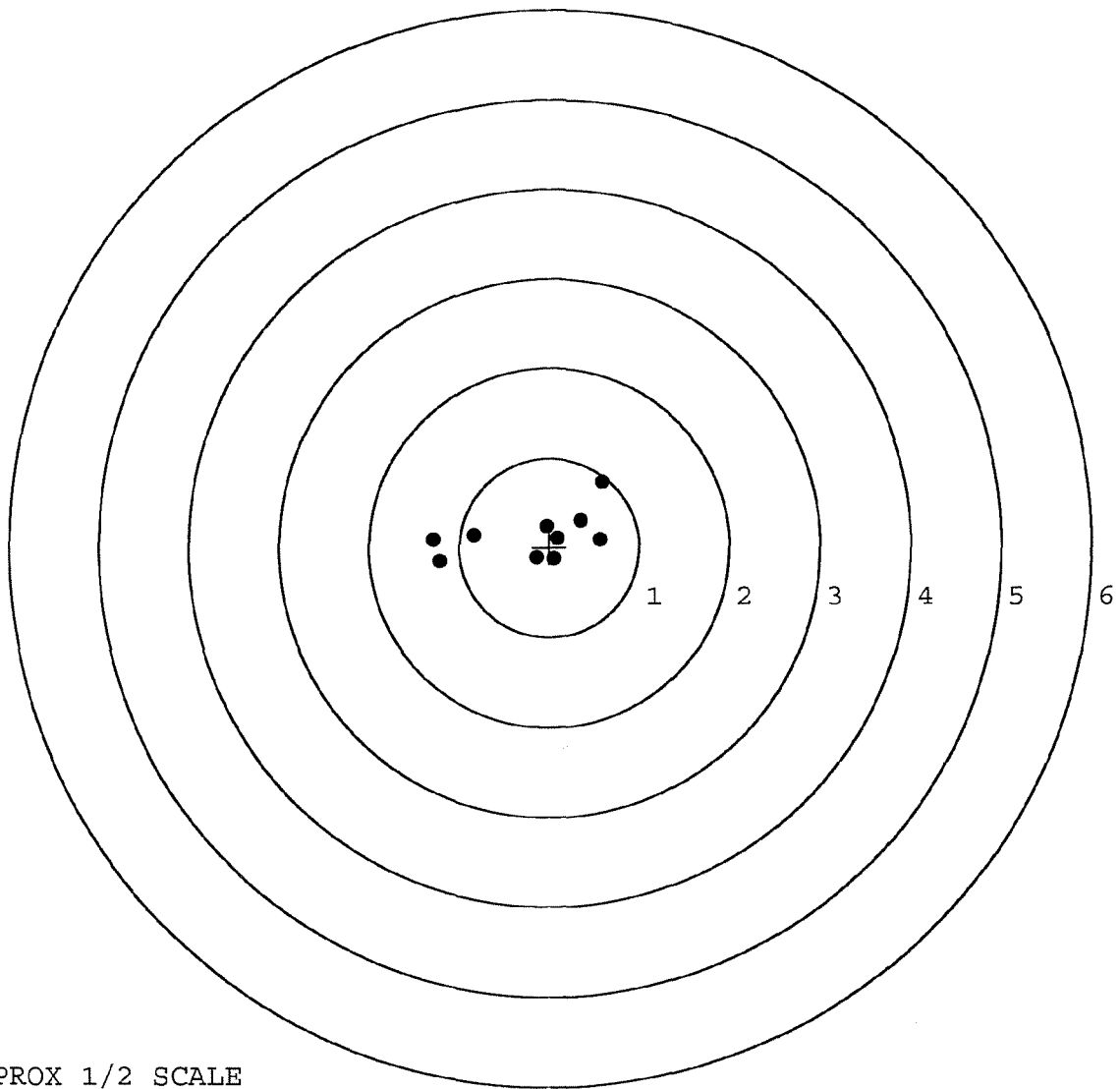
TARGET APPROX 1/2 SCALE

BARBER - M24 0110196

SERIAL NUMBER: C6349208. __0
 TARGET NUMBER: 2
 FILE DATE: 01/20/2004
 FILE TIME: 07:34

POINT#	X	Y
1:	0.589	0.736
2:	0.352	0.303
3:	0.561	0.087
4:	-0.030	0.239
5:	-0.841	0.144
6:	-1.292	0.092
7:	-1.216	-0.159
8:	-0.138	-0.115
9:	0.049	-0.130
10:	0.089	0.101

X CENTROID: -0.188
 Y CENTROID: 0.130
 POA TO CENTROID: 0.228
 HORZ SPREAD: 1.881
 VERT SPREAD: 0.895
 GROUP SPREAD: 1.988
 MIN RADIUS: 0.192
 MAX RADIUS: 1.105
 MEAN RADIUS: 0.620
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0110197

SERIAL NUMBER: C6349208. 0

TARGET NUMBER: 3

FILE DATE: 01/20/2004

FILE TIME: 07:34

POINT#	X	Y
1:	0.765	1.376
2:	-0.451	1.088
3:	-0.786	1.007
4:	-1.265	0.567
5:	0.454	0.530
6:	0.016	0.207
7:	-0.436	-0.081
8:	-0.231	-0.055
9:	0.125	-0.249
10:	0.087	0.026

X CENTROID: -0.172

Y CENTROID: 0.442

POA TO CENTROID: 0.474

HORZ SPREAD: 2.030

VERT SPREAD: 1.625

GROUP SPREAD: 2.185

MIN RADIUS: 0.301

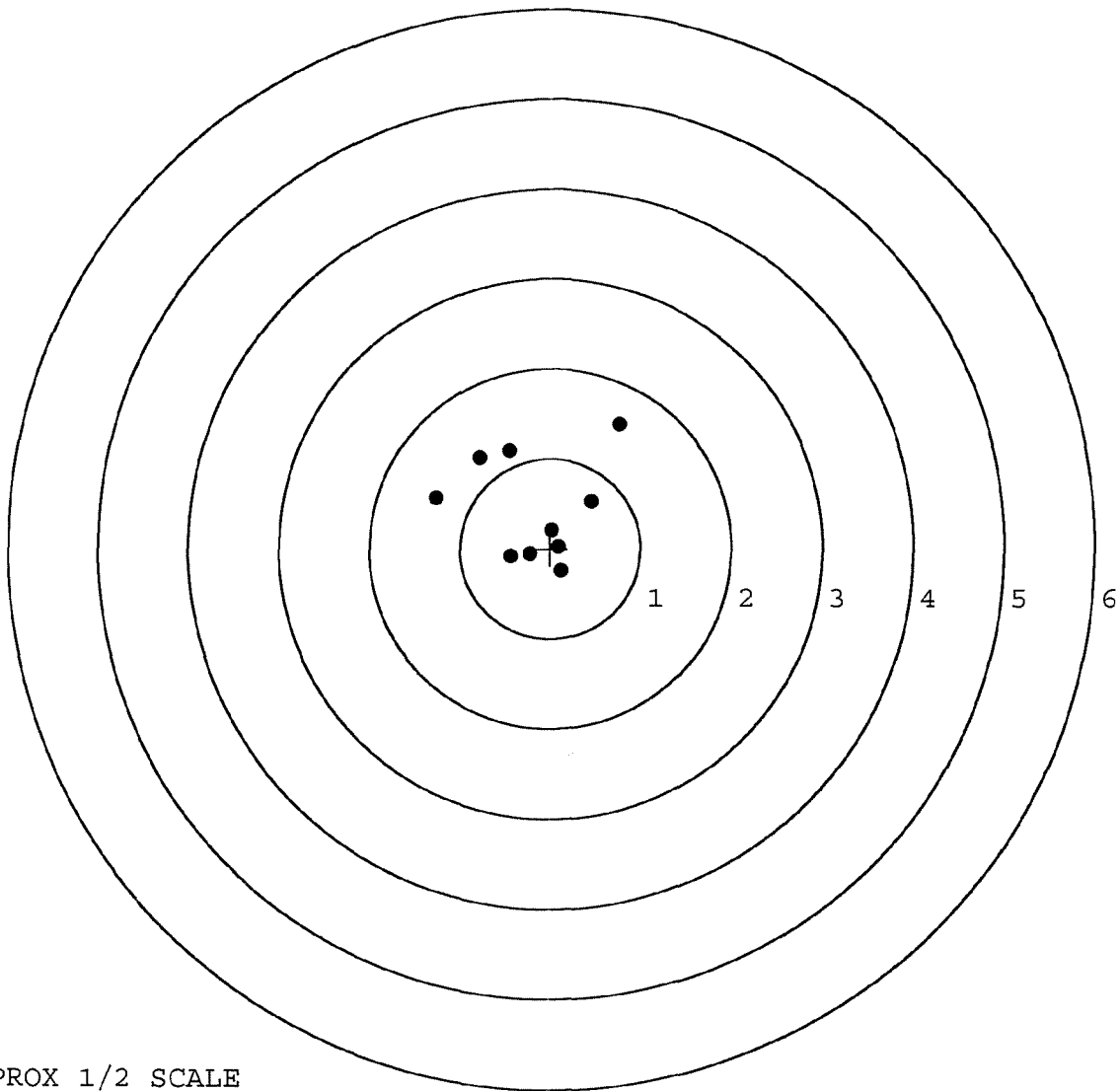
MAX RADIUS: 1.323

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



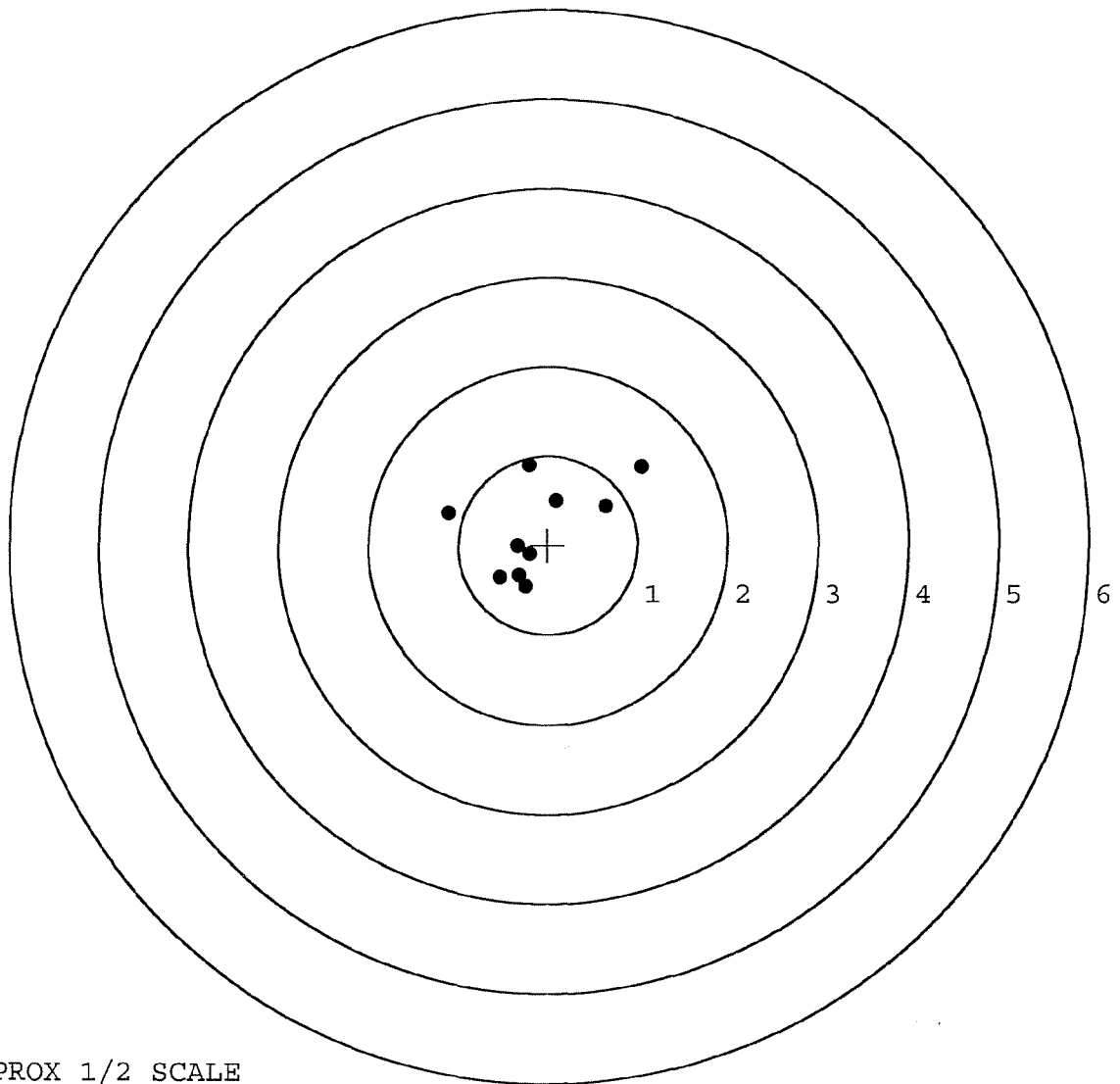
TARGET APPROX 1/2 SCALE

BARBER - M24 0110198

SERIAL NUMBER: C6349208. __0
 TARGET NUMBER: 4
 FILE DATE: 01/20/2004
 FILE TIME: 07:34

POINT#	X	Y
1:	1.043	0.874
2:	0.641	0.435
3:	0.093	0.495
4:	-0.213	0.895
5:	-1.107	0.362
6:	-0.339	-0.012
7:	-0.200	-0.103
8:	-0.538	-0.365
9:	-0.249	-0.473
10:	-0.322	-0.342

X CENTROID: -0.119
 Y CENTROID: 0.177
 POA TO CENTROID: 0.213
 HORZ SPREAD: 2.150
 VERT SPREAD: 1.368
 GROUP SPREAD: 2.210
 MIN RADIUS: 0.290
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.676
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



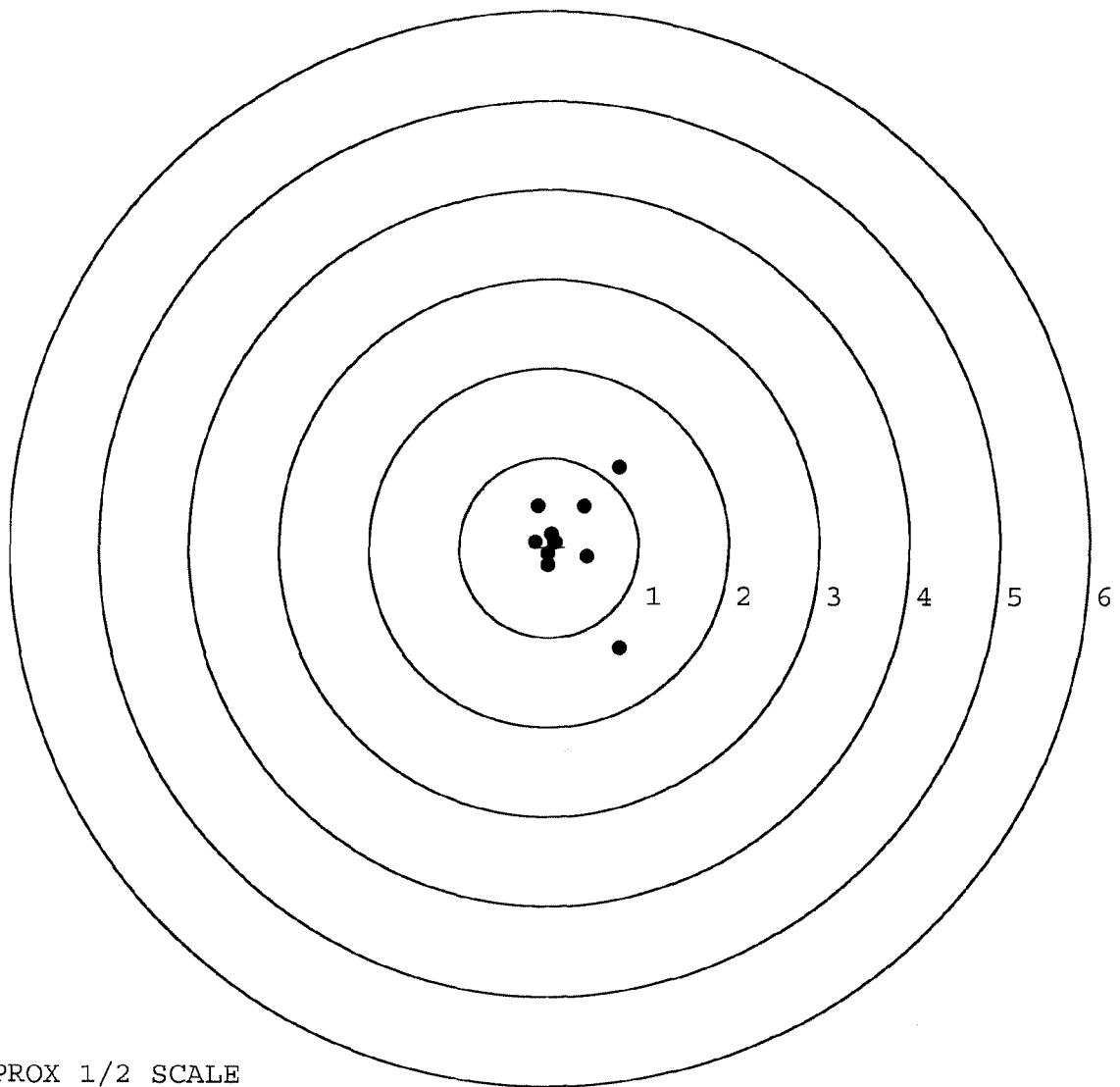
TARGET APPROX 1/2 SCALE

BARBER - M24 0110199

SERIAL NUMBER: C6349208. __0
 TARGET NUMBER: 5
 FILE DATE: 01/20/2004
 FILE TIME: 07:34

POINT#	X	Y
1:	0.788	0.895
2:	0.398	0.464
3:	0.792	-1.124
4:	0.429	-0.111
5:	-0.125	0.464
6:	-0.007	-0.209
7:	0.076	0.053
8:	-0.153	0.059
9:	-0.007	-0.078
10:	0.039	0.144

X CENTROID: 0.223
 Y CENTROID: 0.056
 POA TO CENTROID: 0.230
 HORZ SPREAD: 0.945
 VERT SPREAD: 2.019
 GROUP SPREAD: 2.019
 MIN RADIUS: 0.147
 MAX RADIUS: 1.310
 MEAN RADIUS: 0.491
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER			
SERIAL NUMBER	C6349208		
LOG-IN DATE	11-24-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-30-03	RW
560 A	RE-BARREL	1-7-04	RTL
B	DRILL AND TAP	1-8-04	TRW
575	ASSEMBLE	1-8-04	CTL
600	PROOF	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	1-13-04	RB
618	ROTO-BLAST	1/13/2004	Doms
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-16-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-19-04	AC
655	FINAL INSPECT	1-21-04	RW
660	PACK	1-22-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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: RE00010573

Serial: C6349208 Model 700 Center Fire Caliber:
7.62 NATO M/24 SWS WOG 1 OF 2

Repairman:

Status:

Closed 6/22/00 9:54:00 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPT. OF THE ARMY

DEPT. OF THE ARMY

Address 1: ATTN:ARMS ROOM

ATTN:ARMS ROOM

Address 2: COMMANDER, HHC 2/5TH INF

PO Box:

COMMANDER, HHC 2/5TH INF

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base & Rings	1
A026	Scope	1
A7-8	Studs & Swivels	2
X001	With Bi-Pod	1

Repair Search

Refresh

Close

naglelj

6/23/00

7:44 AM

CAPS

NUM

INS

SCRL



7:44 AM

Number: C6349208

Model: 700



RE00010573

BARBER - M24 0110202

Remington Test Lab, Ilion, N.Y.

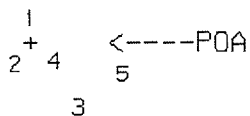
Centroidal distance calculations for Rifle # c6349208
20 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1942
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1544
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .248099

THE AMR FOR THIS RIFLE IS: 1.087

CENTROIDAL DISTANCES

0 TO	1	.161375
1 TO	2	.326989
1 TO	3	.685079
1 TO	4	.328694
1 TO	5	.741571

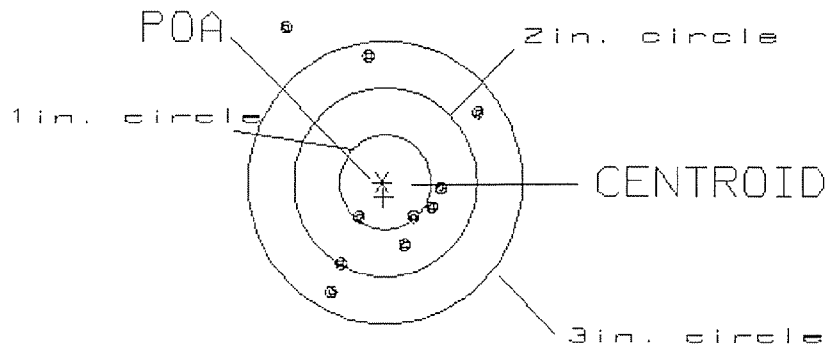


PATTERN #: 1
 POA TO CENTROID: .161
 MIN RADIUS : .480
 MEAN RADIUS : .973
 MAX RADIUS : 2.002
 CENTROID X : -.011
 CENTROID Y : .161

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349208

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.11
 VS= 2.60
 GS= 2.85

1
 5
 9

BARBER - M24 0110204

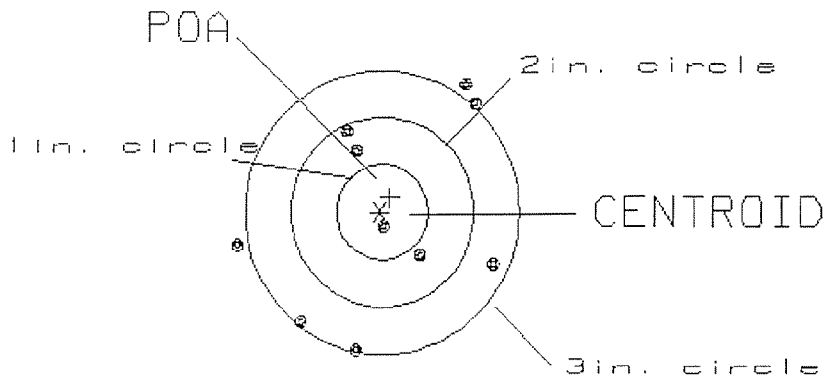
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
POA TO CENTROID: .187
MIN RADIUS : .104
MEAN RADIUS : 1.142
MAX RADIUS : 1.659
CENTROID X : -.112
CENTROID Y : -.150

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349208

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.83

1

VS= 2.81

4

GS= 3.10

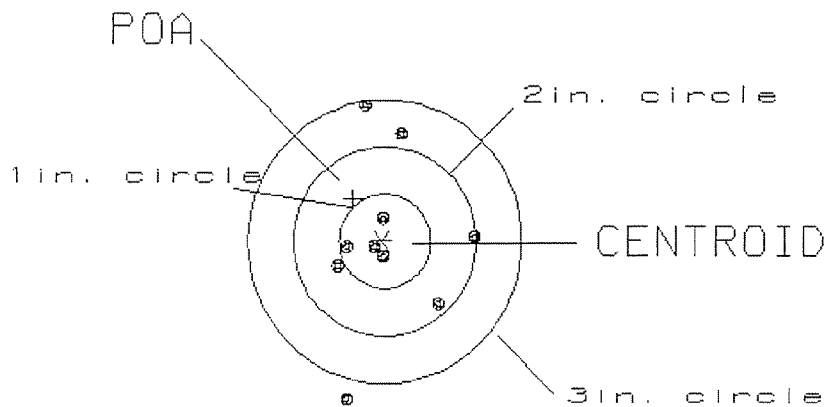
7

PATTERN #: 3
 POA TO CENTROID: .543
 MIN RADIUS : .146
 MEAN RADIUS : .774
 MAX RADIUS : 1.667
 CENTROID X : .316
 CENTROID Y : -.441

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349208

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.51
 VS= 3.08
 GS= 3.08

4
 7
 9

BARBER - M24 0110206

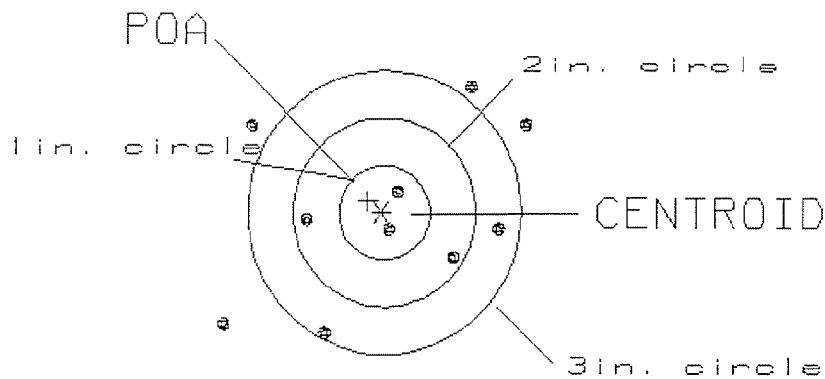
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
POA TO CENTROID: .196
MIN RADIUS : .154
MEAN RADIUS : 1.206
MAX RADIUS : 2.093
CENTROID X : .151
CENTROID Y : -.125

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349208

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 3.27

2

VS= 2.63

4

GS= 3.88

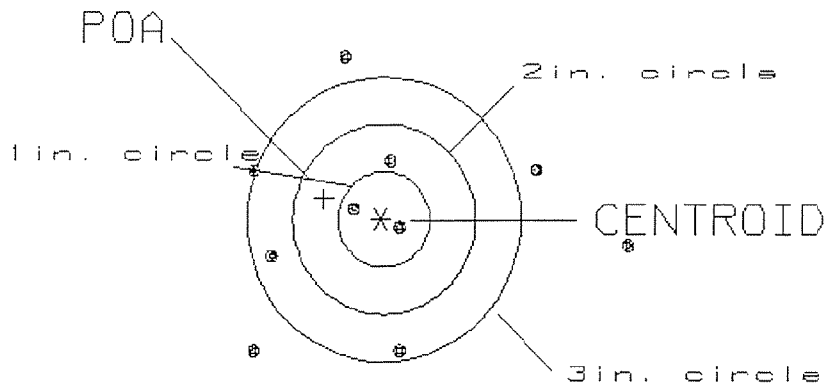
6

PATTERN #: 5
 POA TO CENTROID: .664
 MIN RADIUS : .227
 MEAN RADIUS : 1.342
 MAX RADIUS : 2.652
 CENTROID X : .627
 CENTROID Y : -.217

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349208

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.07
 VS= 3.05
 GS= 4.22

2
 3
 5

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

DUPONT

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

MODEL 700™ H24

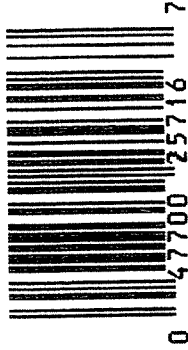
SERIAL NO. C6349208

ORDER NO. 5716

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

Ø1

UPC



5716 C6349208

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349208

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20 89		RW
600	Proof	12-20 89		A
607	Check Headspace	12-20 89		A
610	Dis-assemble Gun	12-20 89		RW
612	Magnaflux Barrel Action	1-5-90		KGR
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-5-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/16/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/16/90	JS

BARBER - M24 0110210

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-16-90	JS
	G) Safety Off Force	3	3	3			1-16-90	JS
	H) Trigger Pull Test & Retainability						1/6/90	JS
	I) Firing Pin Indent	1020	1020	1020			1-16-90	JS
	J) Assemble Stock						3/9/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/9/90	RW
	M) Iron Sight Alignment						3/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/90	RW
	O) Attach Scope to Rifle						3-9-90	JS
	P) Detach & Attach Scope 20 Times						3-9-90	JS
640	Gallery Target & Test						3-9-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						3-9-90	A
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.46	2.53	2.55	2.68	2.66	3/13/90	GS
	C) Function						3/13/90	WB
660	Pack						20 Mar 90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349208

DATE 16 Jan 90

TESTER JSJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	227	210	231	246	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	226	231	232	253	
PULL #3	229	233	233	255	
PULL #4	231	235	233	268	
PULL #5	233	234	230	266	
TOTAL	1146	1143	1159		
AVG.	2292	2286	2318		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	306	297		
PULL #2	317	280		
PULL #3	307	301		
PULL #4	295	305		
PULL #5	304	306		
TOTAL	1529	1489		
AVG.	3058	2978		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	407	401		380
PULL #2	403	406		395
PULL #3	397	398		395
PULL #4	404	400		396
PULL #5	402	401		379
TOTAL	2013	2012		1945
AVG.	4026	4024		389

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349208
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.342243
1 TO	2	.230601
1 TO	3	.724686
1 TO	4	.32522
1 TO	5	.280118

³/₅ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0098
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0824
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0829807
THE AMR FOR THIS RIFLE IS: 1.029

9 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/063492B8

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

H0 = 0.583

V0 = 3.350

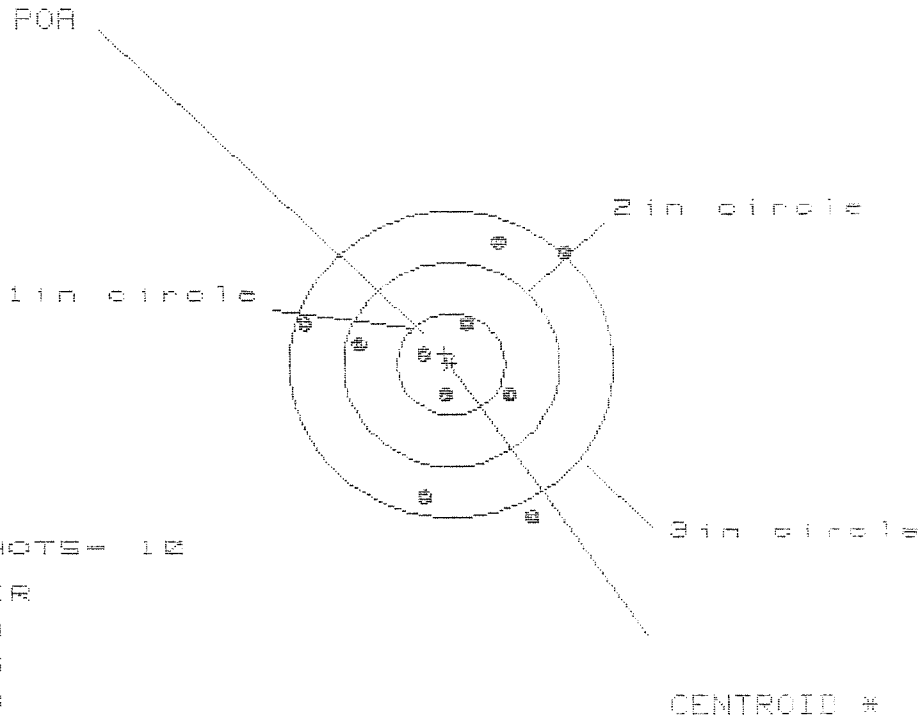
G0 = 4.030

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.265	.683	.586
MINIMUM X	-1.318	-1.177	-1.026
MAXIMUM Y	1.585	1.389	1.532
MINIMUM Y	-1.765	-1.569	-1.426
CENTROID X	.241	.100	.247
CENTROID Y	-.243	-.047	-.190
POA TO CENTROID in.	.342	.111	.312
MIN RADIUS	.411	.620	.448
MEAN RADIUS	1.132	1.025	.912
MAX RADIUS	2.171	1.641	1.623
HORIZONTAL SPREAD	2.583	1.960	1.561
VERTICAL SPREAD	3.350	2.958	2.958
EXTREME SPREAD	4.030	3.085	3.085
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

9 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349288

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.375

VS = 2.738

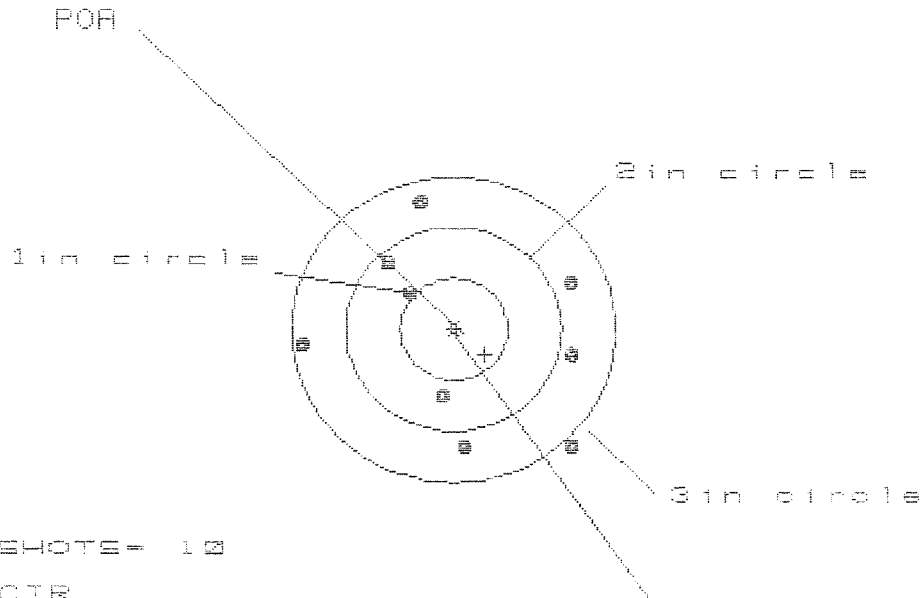
GS = 2.850

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.034	1.115	.733
MINIMUM X	-1.341	-1.260	-1.121
MAXIMUM Y	1.205	1.034	1.151
MINIMUM Y	-1.533	-1.470	-1.353
CENTROID X	.057	-.024	-.163
CENTROID Y	-.104	.067	-.050
POA TO CENTROID in.	.118	.071	.171
MIN RADIUS	.285	.183	.098
MEAN RADIUS	.970	.874	.787
MAX RADIUS	1.696	1.483	1.355
HORIZONTAL SPREAD	2.375	2.375	1.854
VERTICAL SPREAD	2.738	2.504	2.504
EXTREME SPREAD	2.850	2.736	2.594
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

9 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6349208

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 0

HE = 0.400

VS = 2.467

GS = 2.804

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.104	1.222	1.064
MINIMUM X	-1.379	-1.261	-1.040
MAXIMUM Y	1.281	1.149	1.121
MINIMUM Y	-1.186	-1.309	-1.337
CENTROID X	-0.292	-0.410	-0.252
CENTROID Y	.248	.380	.408
POA TO CENTROID in.	.383	.558	.480
MIN RADIUS	.580	.405	.523
MEAN RADIUS	1.069	.979	.950
MAX RADIUS	1.592	1.328	1.339
HORIZONTAL SPREAD	2.483	2.483	1.704
VERTICAL SPREAD	2.467	2.458	2.458
EXTREME SPREAD	2.804	2.541	2.486
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349288

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

H8= 2.384

V8= 3.112

G8= 3.221

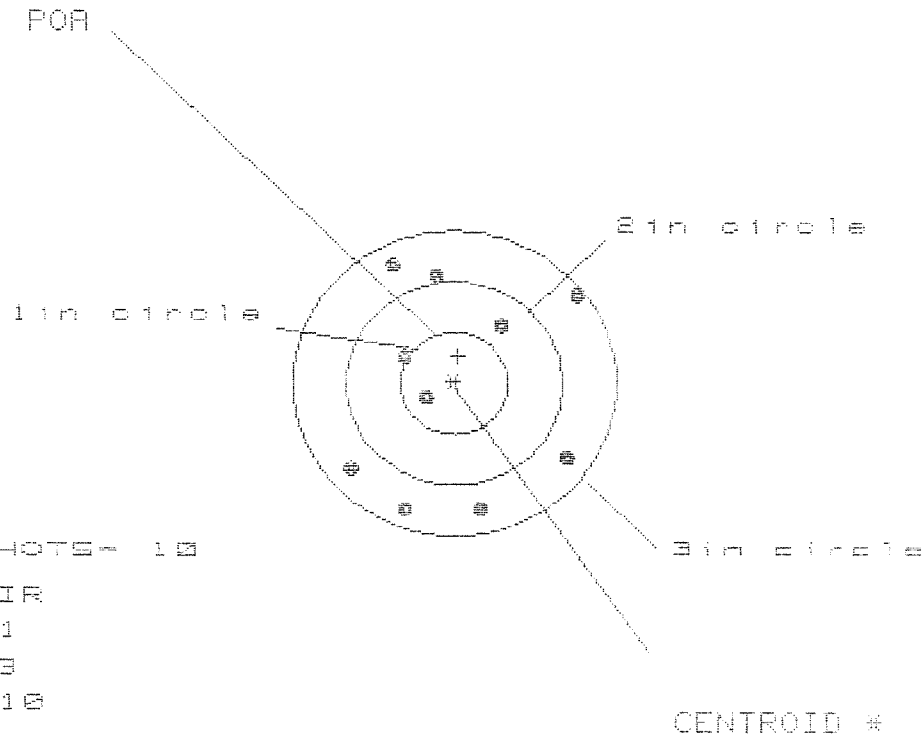
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.264
MINIMUM X	-1.130
MAXIMUM Y	1.303
MINIMUM Y	-1.809
CENTROID X	-.017
CENTROID Y	-.045
POR TO CENTROID in.	.048
MIN RADIUS	.237
MEAN RADIUS	.929
MAX RADIUS	1.833
HORIZONTAL SPREAD	2.394
VERTICAL SPREAD	3.112
EXTREME SPREAD	3.221
NUMBER IN ONE INCH CIRCLE	= 3
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 8

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS = 2.130

VS = 2.376

GS = 2.728

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.162	1.185	1.133
MINIMUM X	-.968	-.839	-.891
MAXIMUM Y	1.193	1.293	1.288
MINIMUM Y	-1.183	-1.083	-.921
CENTROID X	-.038	-.167	-.115
CENTROID Y	-.268	-.368	-.530
POA TO CENTROID in.	.271	.404	.542
MIN RADIUS	.263	.121	.248
MEAN RADIUS	1.047	.978	.940
MAX RADIUS	1.470	1.358	1.292
HORIZONTAL SPREAD	2.130	2.024	2.024
VERTICAL SPREAD	2.376	2.376	2.209
EXTREME SPREAD	2.728	2.515	2.255
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		10	