

C6225323

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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: RE00142405

Serial: C6225323 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

Status:

Closed 3/4/2008 7:21:38 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

3/4/2008

9:14 AM

CAPS

NUM



Serial Number: C6225323

Model: M24 SWS



RE00142405

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225323.___0
FILE DATE AND TIME: 04/03/2008 09:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

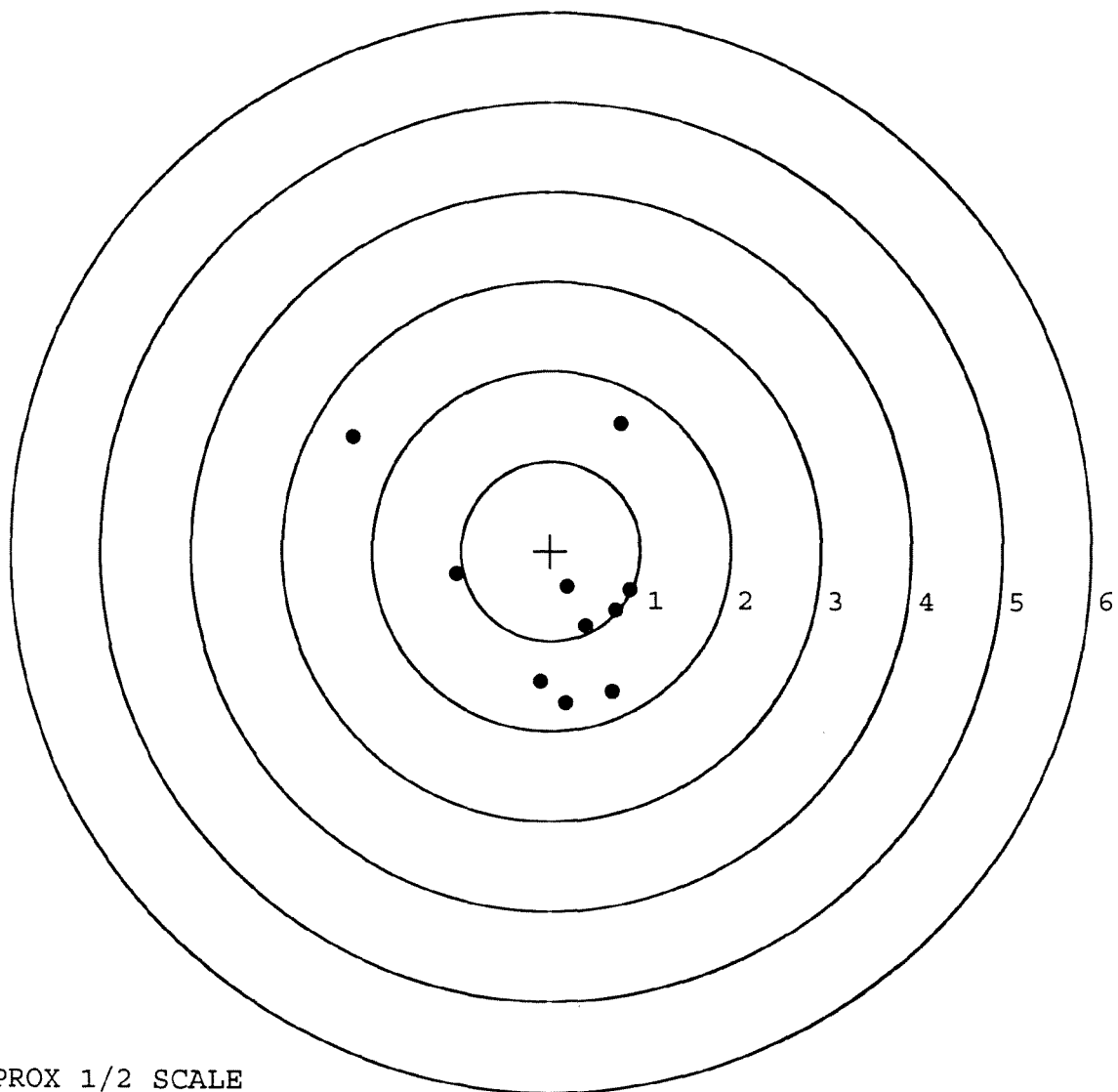
The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	1.035
The Distance from POA to Centroid Target #1:	0.468
The Distance from Centroid Target #2 to Centroid Target #1:	0.748
The Distance from Centroid Target #3 to Centroid Target #1:	0.071
The Distance from Centroid Target #4 to Centroid Target #1:	0.372
The Distance from Centroid Target #5 to Centroid Target #1:	0.828

BARBER - M24 0012780

SERIAL NUMBER: C6225323. __0
 TARGET NUMBER: 1
 FILE DATE: 04/03/2008
 FILE TIME: 09:47

POINT#	X	Y
1:	0.777	1.419
2:	0.187	-0.406
3:	0.884	-0.437
4:	0.722	-0.661
5:	0.393	-0.839
6:	0.691	-1.570
7:	0.177	-1.699
8:	-0.111	-1.463
9:	-1.049	-0.265
10:	-2.213	1.265

X CENTROID: 0.046
 Y CENTROID: -0.466
 POA TO CENTROID: 0.468
 HORZ SPREAD: 3.097
 VERT SPREAD: 3.118
 GROUP SPREAD: 4.058
 MIN RADIUS: 0.153
 MAX RADIUS: 2.846
 MEAN RADIUS: 1.171
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0012781

SERIAL NUMBER: C6225323. __ 0

TARGET NUMBER: 2

FILE DATE: 04/03/2008

FILE TIME: 09:47

POINT#	X	Y
1:	0.886	0.273
2:	1.463	-0.664
3:	0.246	-0.505
4:	0.478	-1.302
5:	-0.133	0.344
6:	-0.339	0.641
7:	-0.516	0.725
8:	-0.502	1.233
9:	-1.175	1.228
10:	-1.283	0.731

X CENTROID: -0.088

Y CENTROID: 0.270

POA TO CENTROID: 0.284

HORZ SPREAD: 2.746

VERT SPREAD: 2.535

GROUP SPREAD: 3.246

MIN RADIUS: 0.087

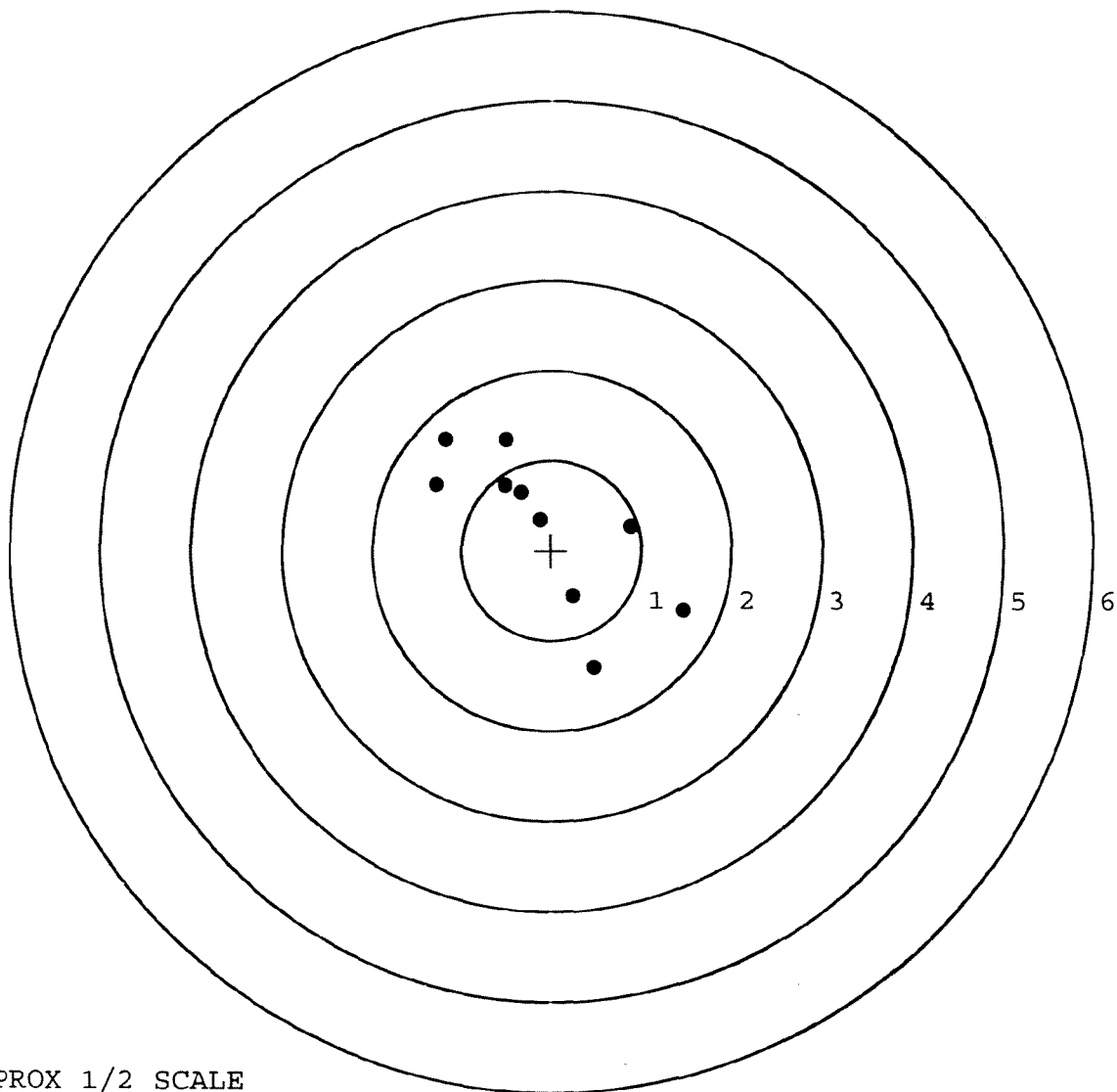
MAX RADIUS: 1.810

MEAN RADIUS: 1.024

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0012782

SERIAL NUMBER: C6225323. 0

TARGET NUMBER: 3

FILE DATE: 04/03/2008

FILE TIME: 09:47

POINT#	X	Y
1:	-0.134	1.670
2:	-0.666	0.282
3:	0.866	-0.237
4:	0.573	-0.450
5:	0.371	-0.702
6:	-0.244	-0.492
7:	-0.470	-0.872
8:	-0.577	-1.722
9:	1.026	-1.230
10:	0.303	-0.515

X CENTROID: 0.105

Y CENTROID: -0.427

POA TO CENTROID: 0.439

HORZ SPREAD: 1.692

VERT SPREAD: 3.392

GROUP SPREAD: 3.421

MIN RADIUS: 0.217

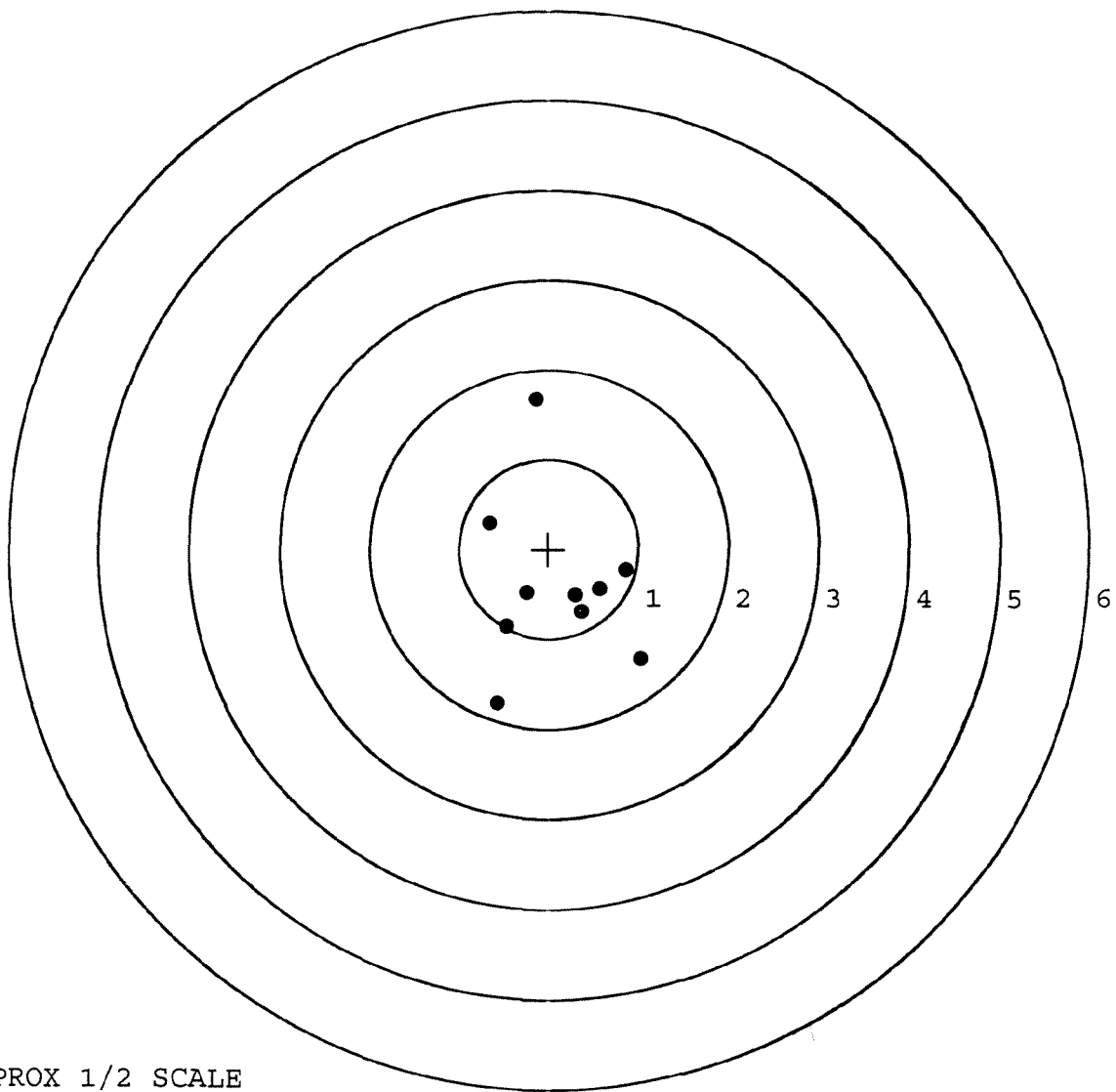
MAX RADIUS: 2.110

MEAN RADIUS: 0.878

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0012783

SERIAL NUMBER: C6225323. __0

TARGET NUMBER: 4

FILE DATE: 04/03/2008

FILE TIME: 09:47

POINT#	X	Y
1:	0.805	1.244
2:	0.114	0.151
3:	-0.264	0.450
4:	-0.637	0.902
5:	-0.139	-0.289
6:	0.297	-0.447
7:	0.307	-0.822
8:	-0.022	-0.934
9:	-0.487	-0.726
10:	1.208	-0.540

X CENTROID: 0.118

Y CENTROID: -0.101

POA TO CENTROID: 0.156

HORZ SPREAD: 1.845

VERT SPREAD: 2.178

GROUP SPREAD: 2.356

MIN RADIUS: 0.252

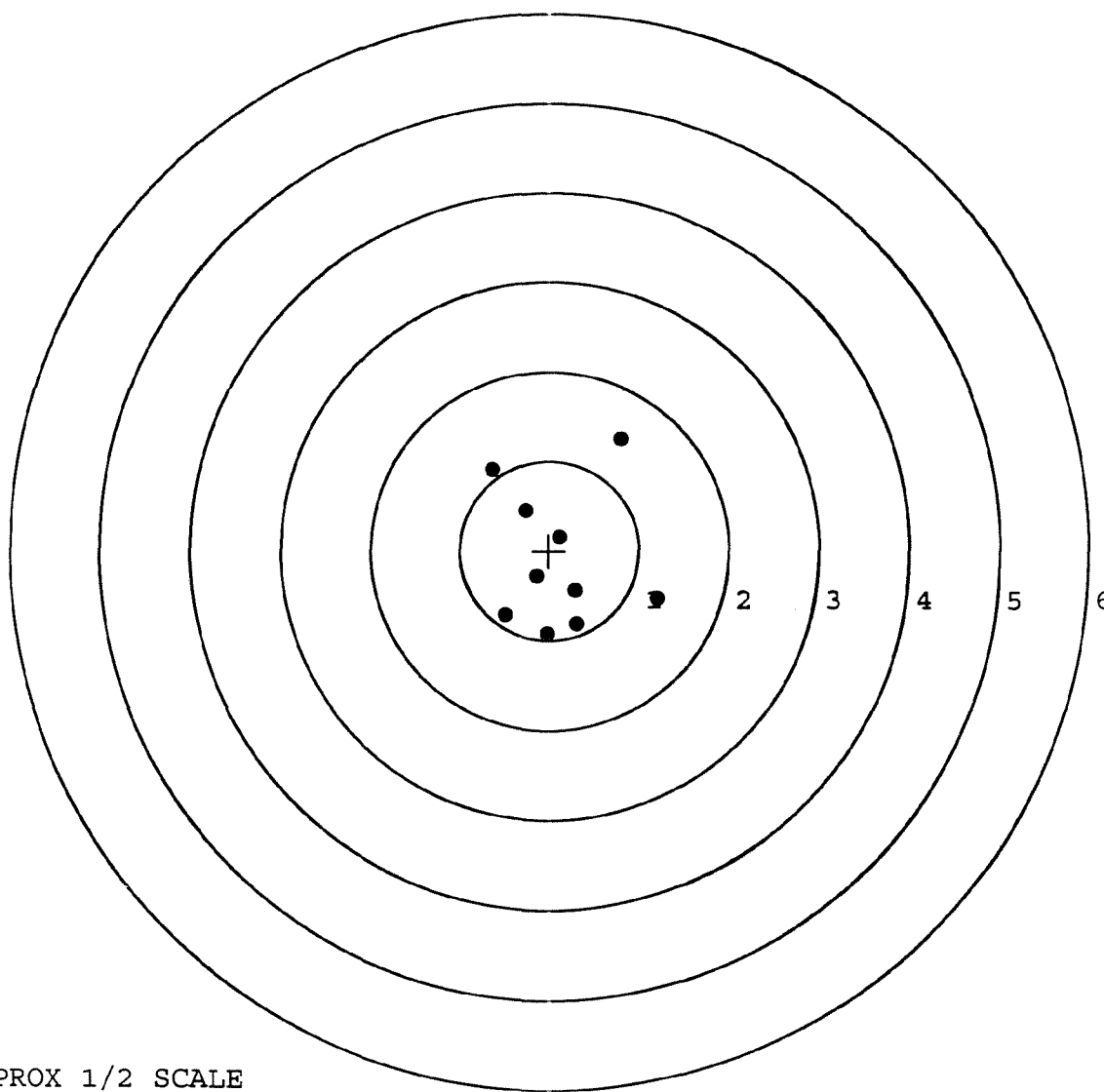
MAX RADIUS: 1.510

MEAN RADIUS: 0.803

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0012784

SERIAL NUMBER: C6225323. __ 0

TARGET NUMBER: 5

FILE DATE: 04/03/2008

FILE TIME: 09:47

POINT#	X	Y
1:	0.232	1.156
2:	-0.482	1.133
3:	-0.965	0.791
4:	-1.042	1.083
5:	-1.418	1.154
6:	0.451	0.256
7:	1.539	-0.035
8:	2.015	0.141
9:	0.715	-0.506
10:	0.879	-1.679

X CENTROID: 0.192

Y CENTROID: 0.349

POA TO CENTROID: 0.399

HORZ SPREAD: 3.433

VERT SPREAD: 2.835

GROUP SPREAD: 3.647

MIN RADIUS: 0.275

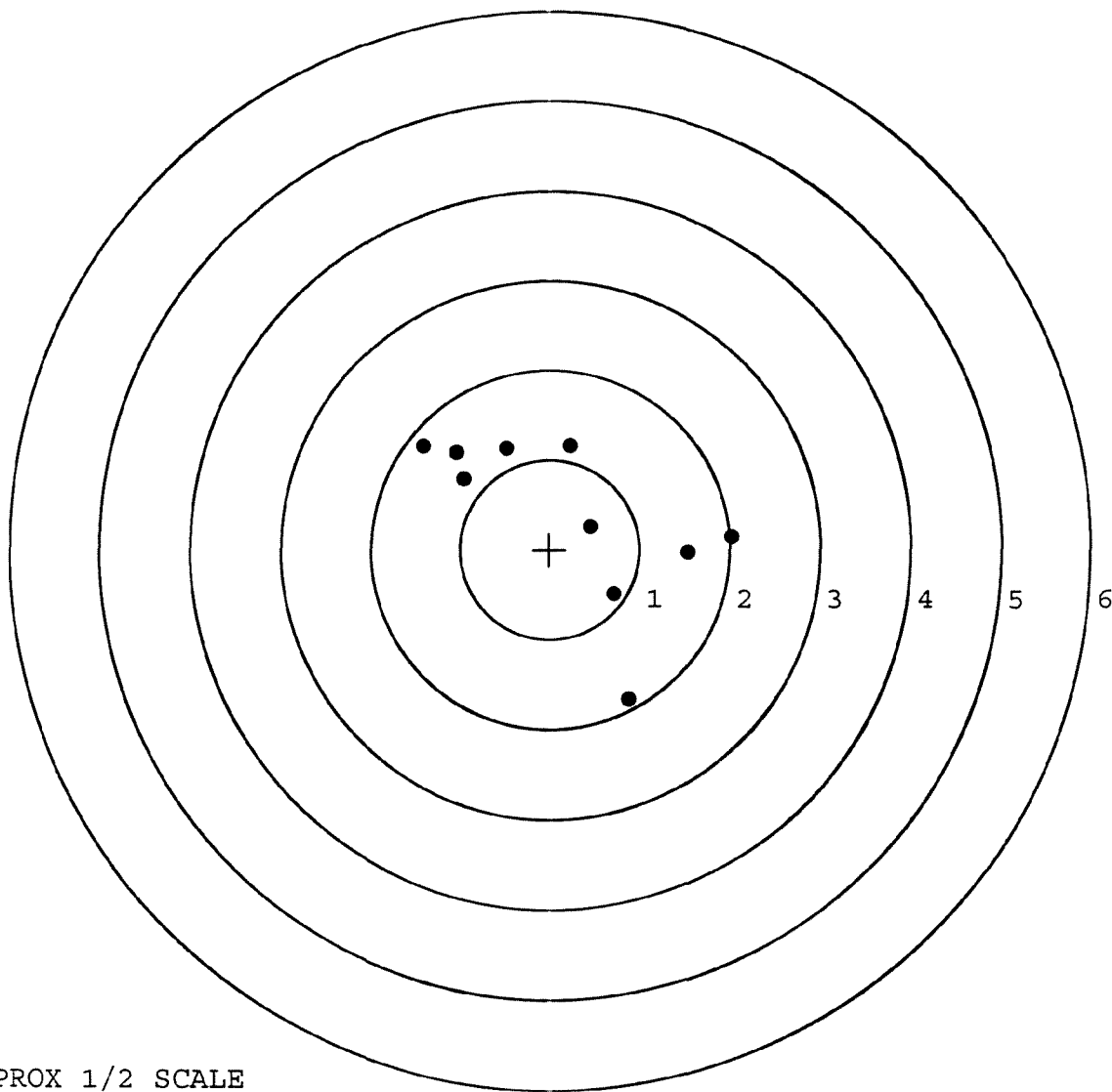
MAX RADIUS: 2.141

MEAN RADIUS: 1.297

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 00142405SERIAL NUMBER C 6225323LOG-IN DATE 3-3-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-11-08	APD
505	RE-BARREL		3-12-08	APD
560	ASSEMBLE		3-12-08	APD
600	PROOF	MAGNA - FLUX MAX 4.0 2008 OPERATOR <i>unsub</i>	3-13-08	TRW
605	CHECK HEADSPACE		3-13-08	TRW
610	DIS-ASSEMBLE GUN		3-13-08	APD
612	MAGNAFLUX		3-14-08	WNS
510	DRILL AND TAP		3-13-08	FM
615	ROLLMARK CALIBER		3-13-08	CW
618	ROTO-BLAST		3-14-08	DC
620	APPLY COATINGS		3-20-08	HP
625	FINAL ASSEMBLY		4-1-08	APD
640	FUNCTION TEST AND	PASS FAIL	4-3-08	SD
650	TARGET	PASS FAIL	4-3-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-3-08	TRW
670	FINAL INSPECTION		4/7/08	FM
	A) HEADSPACE	PASS FAIL	4/7/08	FM
	B) TRIGGER PULL	+1.5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.77 2.58 2.57 2.60 2.55 4/7/08	FM
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 2 LBS FAIL	4.5 4 4 4/7/08	FM
	G) SAFETY OFF FORCE		2.5 2.5 2.5 4/7/08	FM
	I) FIRING PIN INDENT	.020	.023 .022 .022 4/7/08	FM
690	PACK		4/16/08	FM

Repair Number: RE00078725	Serial: C6225323 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 3/16/2004 7:54:00 AM																						
Address Information Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐ Name: COMMANDER 7TH SFG (A) COMMANDER 7TH SFG (A) Address 1: ATTN HOWELL ATTN HOWELL Address 2: PO Box: PO Box: City: FORT BRAGG FORT BRAGG State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US FFL: ☐ ☐ ☐ ☐ ☐ ☐																									
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																	
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information Phone: Fax: Email: Comments:		Received Condition Good: Condition Notes: CSR 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>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</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> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>C000</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	C000	Frt and Rear Sgt Base	1
Code	Desc	Qty																							
A007	With Stud	3																							
A010	Hard Case	1																							
A017	Scope Base	1																							
A026	Scope	1																							
A045	Bi Pod	1																							
C000	Frt and Rear Sgt Base	1																							
Repair Search		Refresh Close																							

nagletj 3/16/2004 8:48 AM CAPS NUM INS SEP1
 start 2 3

Serial Number: **C6225323**
 Model: **M24 SWS**

RE00078725

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225323.___0
FILE DATE AND TIME: 04/06/2004 06:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

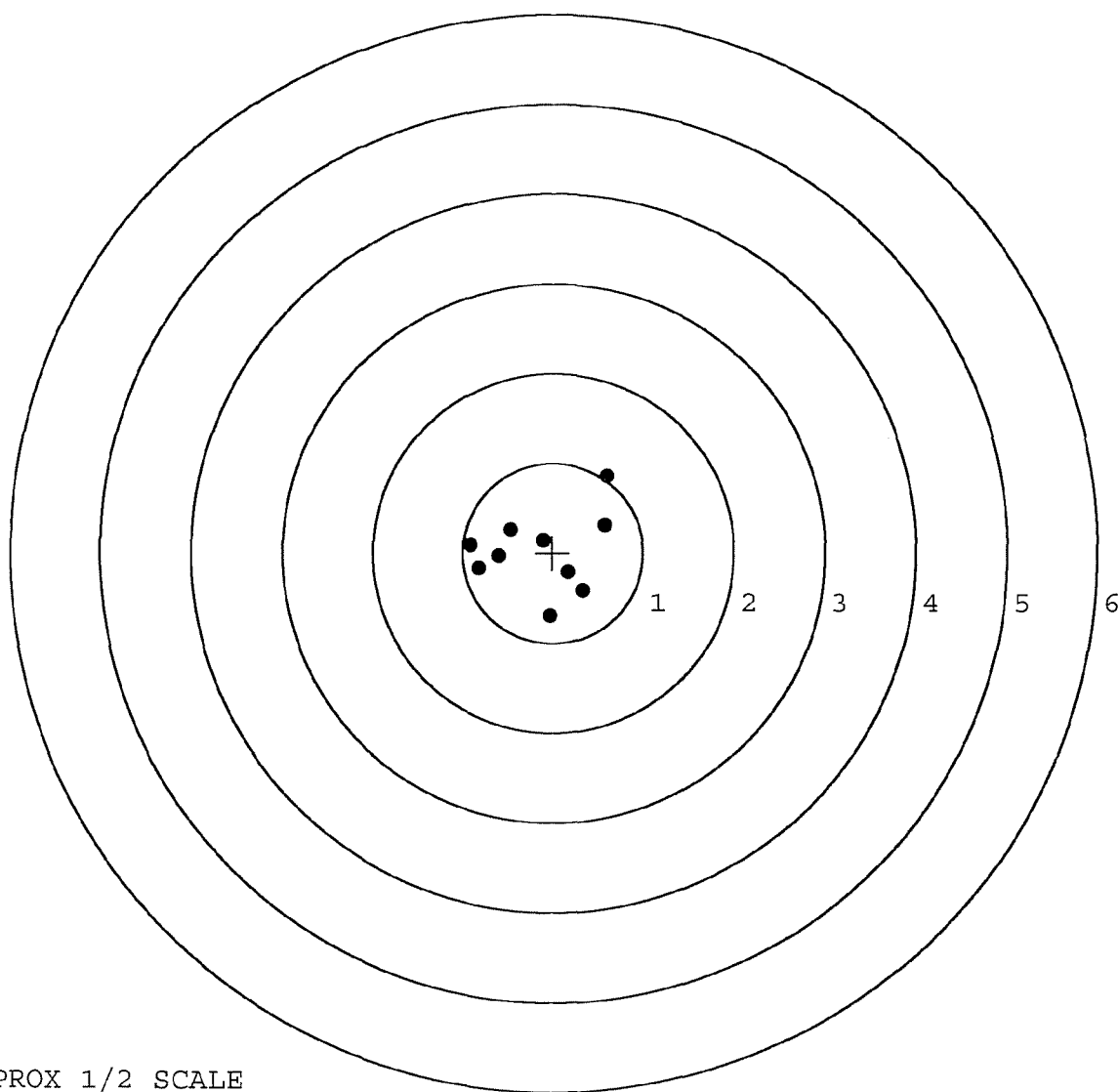
The Average X Centroid of the Five Target Set:	-0.082
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.126
The Distance from Centroid Target #2 to Centroid Target #1:	0.076
The Distance from Centroid Target #3 to Centroid Target #1:	0.318
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.145

BARBER - M24 0012788

SERIAL NUMBER: C6225323. __0
 TARGET NUMBER: 1
 FILE DATE: 04/06/2004
 FILE TIME: 06:24

POINT#	X	Y
1:	0.576	0.310
2:	0.603	0.857
3:	0.335	-0.414
4:	-0.029	-0.701
5:	0.175	-0.220
6:	-0.106	0.134
7:	-0.471	0.255
8:	-0.598	-0.036
9:	-0.823	-0.169
10:	-0.919	0.089

X CENTROID: -0.126
 Y CENTROID: 0.011
 POA TO CENTROID: 0.126
 HORZ SPREAD: 1.522
 VERT SPREAD: 1.558
 GROUP SPREAD: 1.757
 MIN RADIUS: 0.125
 MAX RADIUS: 1.117
 MEAN RADIUS: 0.614
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



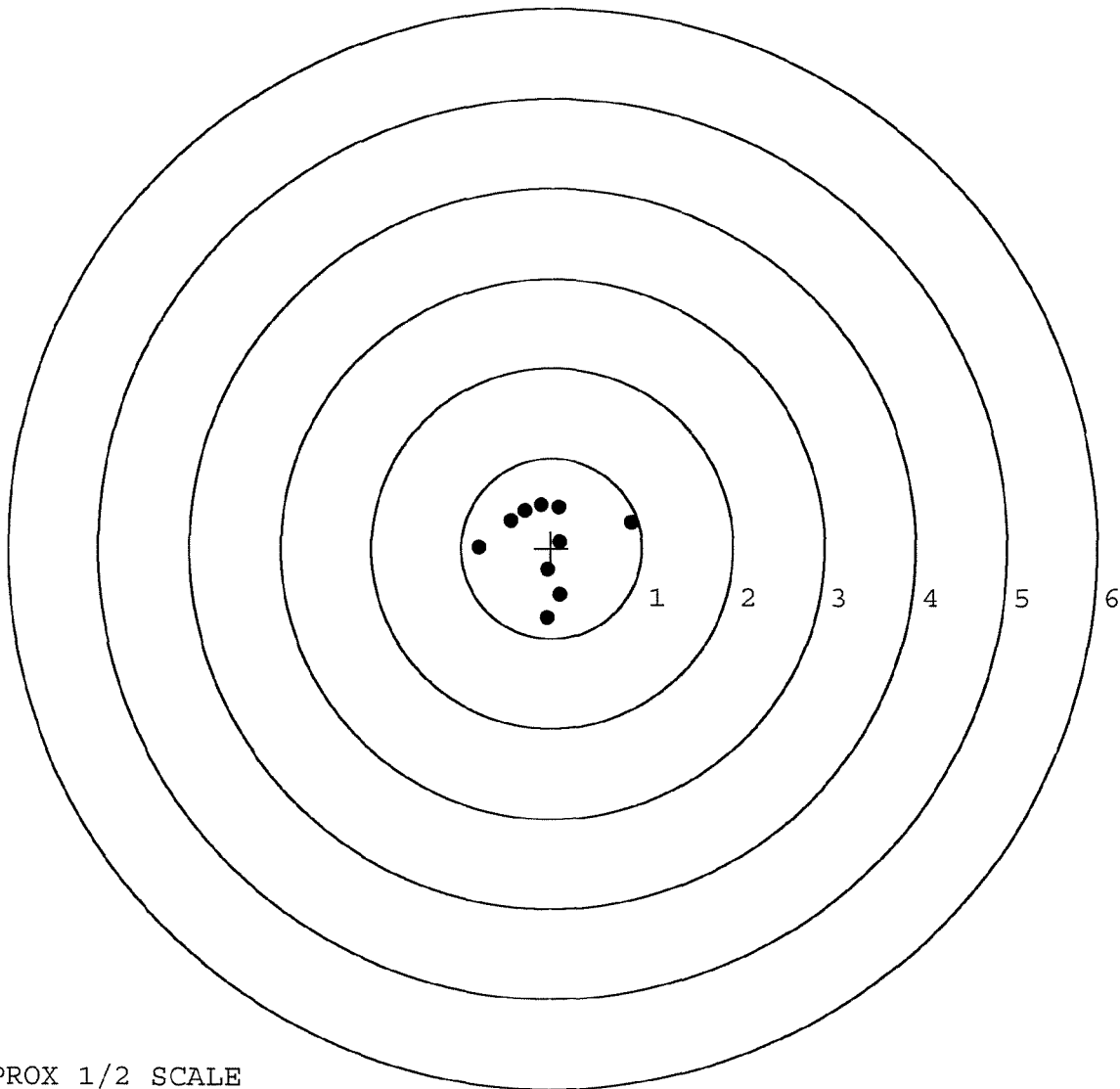
TARGET APPROX 1/2 SCALE

BARBER - M24 0012789

SERIAL NUMBER: C6225323. __0
 TARGET NUMBER: 2
 FILE DATE: 04/06/2004
 FILE TIME: 06:24

POINT#	X	Y
1:	0.881	0.288
2:	-0.804	0.015
3:	-0.453	0.312
4:	-0.295	0.417
5:	-0.117	0.482
6:	0.083	0.460
7:	0.098	0.070
8:	-0.041	-0.241
9:	0.095	-0.525
10:	-0.049	-0.778

X CENTROID: -0.060
 Y CENTROID: 0.050
 POA TO CENTROID: 0.078
 HORZ SPREAD: 1.685
 VERT SPREAD: 1.260
 GROUP SPREAD: 1.707
 MIN RADIUS: 0.159
 MAX RADIUS: 0.971
 MEAN RADIUS: 0.537
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0012790

SERIAL NUMBER: C6225323. __ 0

TARGET NUMBER: 3

FILE DATE: 04/06/2004

FILE TIME: 06:24

POINT#	X	Y
1:	1.155	-1.009
2:	0.899	-0.739
3:	0.840	-0.622
4:	0.216	-0.308
5:	-0.015	-0.612
6:	-0.849	-1.001
7:	-2.052	0.425
8:	-0.448	0.058
9:	-0.465	0.323
10:	-0.150	0.437

X CENTROID: -0.087

Y CENTROID: -0.305

POA TO CENTROID: 0.317

HORZ SPREAD: 3.207

VERT SPREAD: 1.446

GROUP SPREAD: 3.513

MIN RADIUS: 0.303

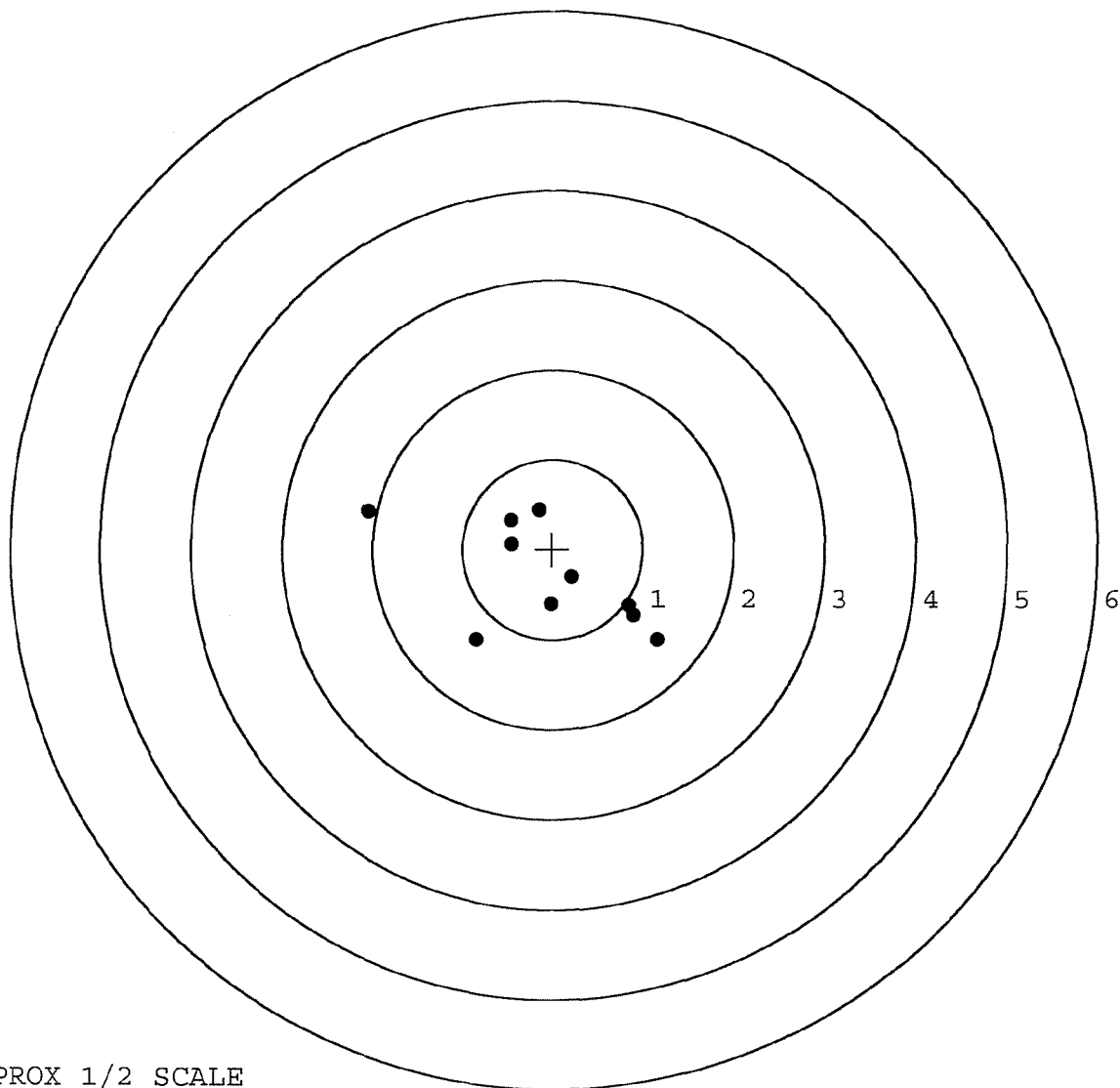
MAX RADIUS: 2.096

MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0012791

SERIAL NUMBER: C6225323. 0

TARGET NUMBER: 4

FILE DATE: 04/06/2004

FILE TIME: 06:24

POINT#	X	Y
1:	-0.302	-1.127
2:	-0.049	-0.578
3:	0.455	-0.352
4:	0.743	-0.101
5:	0.546	0.370
6:	0.006	0.912
7:	-0.543	1.336
8:	-0.332	0.021
9:	-1.327	0.385
10:	0.472	-0.024

X CENTROID: -0.033

Y CENTROID: 0.084

POA TO CENTROID: 0.090

HORZ SPREAD: 2.070

VERT SPREAD: 2.463

GROUP SPREAD: 2.475

MIN RADIUS: 0.306

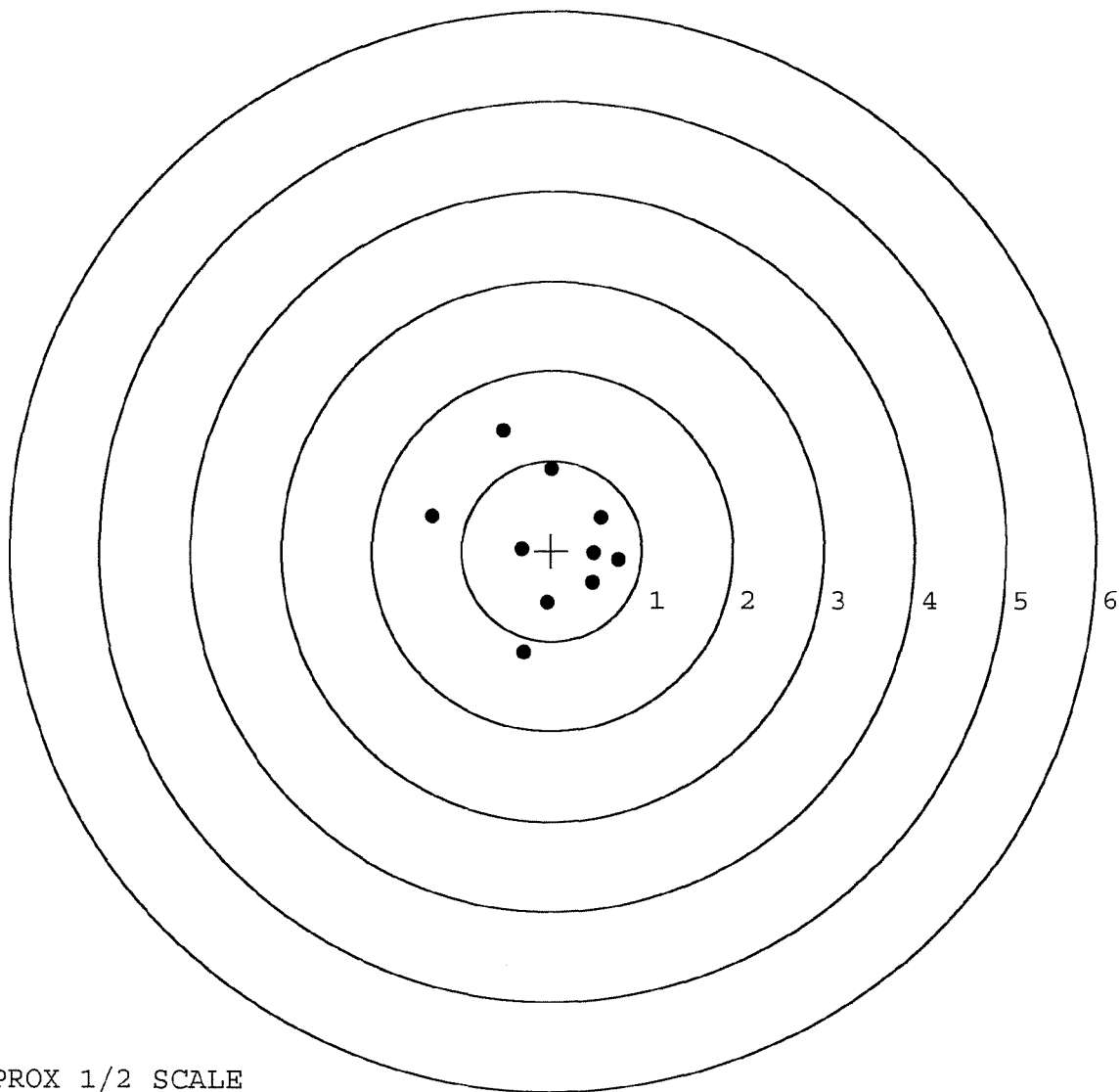
MAX RADIUS: 1.352

MEAN RADIUS: 0.833

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0012792

SERIAL NUMBER: C6225323. __0

TARGET NUMBER: 5

FILE DATE: 04/06/2004

FILE TIME: 06:24

POINT#	X	Y
1:	0.715	-0.353
2:	0.201	-0.921
3:	-0.142	-0.547
4:	-0.281	-1.591
5:	-1.123	0.383
6:	-0.024	1.247
7:	0.002	0.378
8:	-0.309	0.154
9:	-0.077	-0.163
10:	0.008	0.085

X CENTROID: -0.103

Y CENTROID: -0.133

POA TO CENTROID: 0.168

HORZ SPREAD: 1.838

VERT SPREAD: 2.838

GROUP SPREAD: 2.850

MIN RADIUS: 0.040

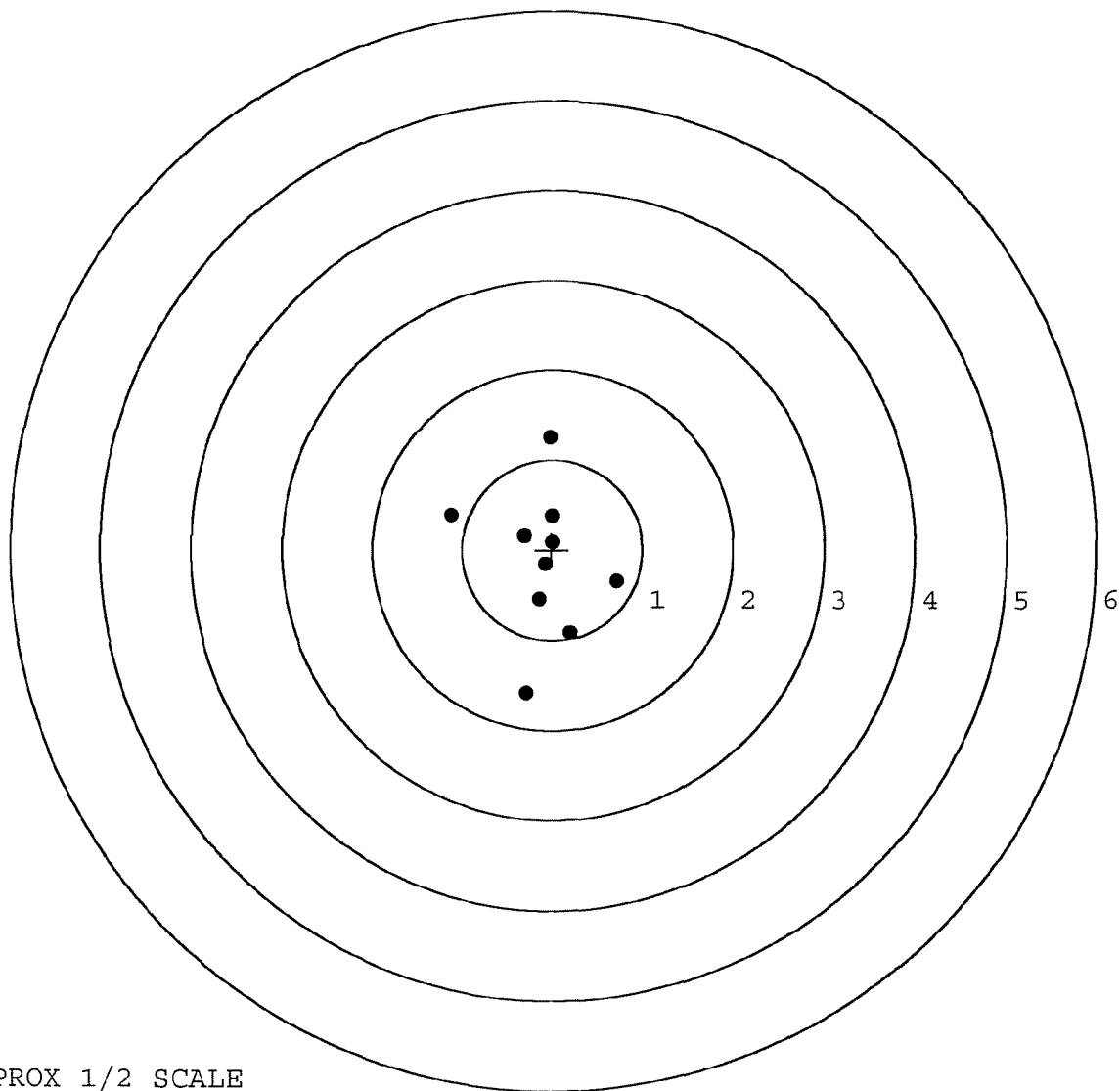
MAX RADIUS: 1.469

MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL #

C6225323

INSPECTED BY:

RTL

DATE REC'D:

3-16-04

DATE RET'D:

6-7-04

ITEM

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

ITEM

STOCK ASSEMBLY

STOCK

SLING AWIVEL STUDS

ADJUSTABLE

BUTT PLATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEMS CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY SPECS

COMMENTS:

BARBER - M24 0012794

BARBER M24-0012794			
78725			
SERIAL NUMBER	C6225323		
LOG-IN DATE	3-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-17-04	RTL
560 A	RE-BARREL	3-22-04	RTL
B	DRILL AND TAP	3-23-04	TRW
575	ASSEMBLE	3-22-04	RTL
600	PROOF	3-22-04	RTL
605	CHECK HEADSPACE	3-22-04	RTL
610	DIS-ASSEMBLE GUN	3-22-04	RTL
612	MAGNAFLUX	RK	
615	ROLLMARK CALIBER	3-22-04	RTL
618	ROTO-BLAST	3/25/2004	Danf.
620	APPLY COATINGS	4-3	TA
625 A	FINAL ASSEMBLY	4-5-04	Rw
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-6-04	Ac
655	FINAL INSPECT	4-16-04	RK
660	PACK	6-14-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225323

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun		6/88	RW
612	Magnaflux Barrel Action		9-14-88	Pfe.
	Magnaflux Bolt		9-14-88	Pfe.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/2/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		3 NOV 88	JSJ
	F) Safety on Force	4 4 4	4 NOV 88	JSJ
	G) Safety off Force	3 3 3	4 NOV 88	JSJ
	H) Trigger Pull Test & Retainability		3 NOV 88	JSJ
	I) Firing Pin Indent	.021 .025 .021	4 NOV 88	JSJ
	J) Assemble Stock		11/2/88	RW
	K) Assemble Swivel Studs		29 NOV 88	JSJ
	L) Attach Front & Rear Sight Assemblies		11/7/88	RW
	M) Iron Sight Alignment		11/7/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/7/88	RW
	O) Attach Scope to Rifle		11/8/88	RW
	P) Detach & Attach Scope 20 times		8 NOV 88	JSJ
640	Gallery Target & Test	76 R 74 L	11/10/88	DH
	A) Optical Clarity of Scope		11/10/88	DH
645	Inspect for Live Ammo		11/10/88	DH
655	Final Inspection			
	A) Headspace		29 NOV 88	JSJ
	B) Trigger Pull		29 NOV 88	JSJ
	C) Function		29 NOV 88	JSJ
660	Pack		15 Dec 88	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225323

DATE 3/10/88

TESTER J.H. + M.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.42	2.58	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.46	2.59	2.69	
PULL #3	2.56	2.43	2.60	2.77	
PULL #4	2.52	2.42	2.60	2.76	
PULL #5	2.54	2.40	2.58	2.81	
TOTAL	12.67	12.13	12.95	13.75	
AVG.	2.534	2.426	2.59	2.75	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.04		
PULL #2	3.07	3.12		
PULL #3	3.08	3.13		
PULL #4	3.06	3.14		
PULL #5	3.14	3.11		
TOTAL	15.47	15.54		
AVG.	3.094	3.108		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.11		4.11
PULL #2	4.15	4.15		4.16
PULL #3	4.06	4.09		4.12
PULL #4	4.15	4.19		4.13
PULL #5	4.15	4.17		4.12
TOTAL	20.68	20.71		20.64
AVG.	4.136	4.142		4.148

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225323

CENTROIDAL DISTANCES

0 TO	1	1.4981
1 TO	2	.73112
1 TO	3	1.09076
1 TO	4	.726571
1 TO	5	.955704

1
2 45
3 + <----POA

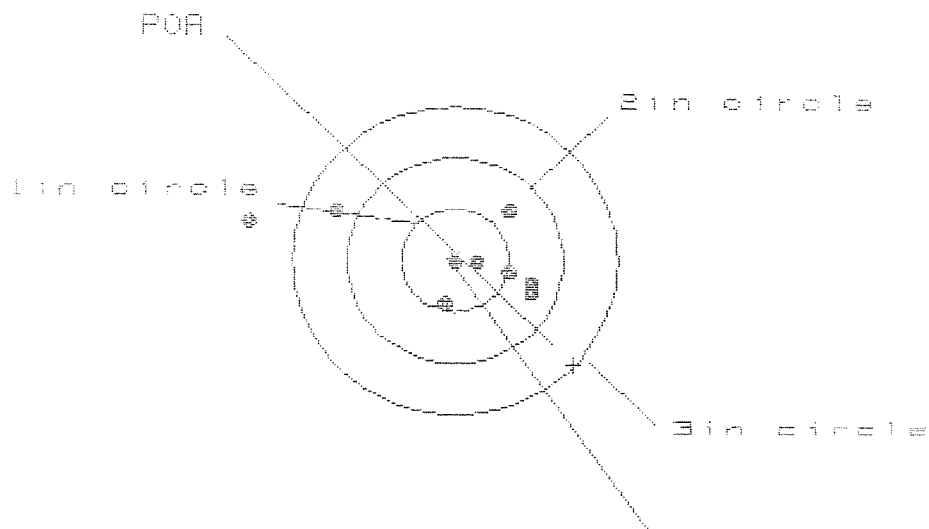
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.685
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4978
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .846776
THE AMR FOR THIS RIFLE IS: .976

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225923

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

H0 = 2.630

V0 = .889

G0 = 2.704

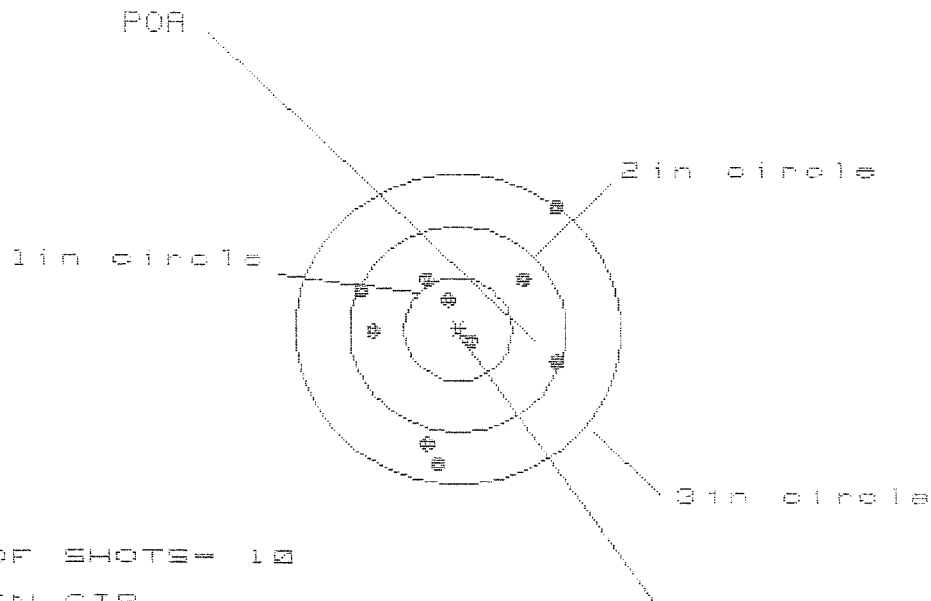
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.697	.482	.315
MINIMUM X	:	-1.933	-1.339	-1.501
MAXIMUM Y	:	.520	.564	.633
MINIMUM Y	:	-.369	-.325	-.256
CENTROID X	:	-1.100	-.885	-.718
CENTROID Y	:	1.017	.973	.904
POA TO CENTROID in.	:	1.498	1.316	1.154
MIN RADIUS	:	.041	.029	.081
MEAN RADIUS	:	.723	.512	.363
MAX RADIUS	:	1.973	1.450	.644
HORIZONTAL SPREAD	:	2.630	1.821	.816
VERTICAL SPREAD	:	.889	.889	.889
EXTREME SPREAD	:	2.704	1.988	1.083
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

10 Nov 1980

FILE:/PATTERNING/CENTERFIRE_PATT/C8225323

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

RS = 1.825

VS = 2.497

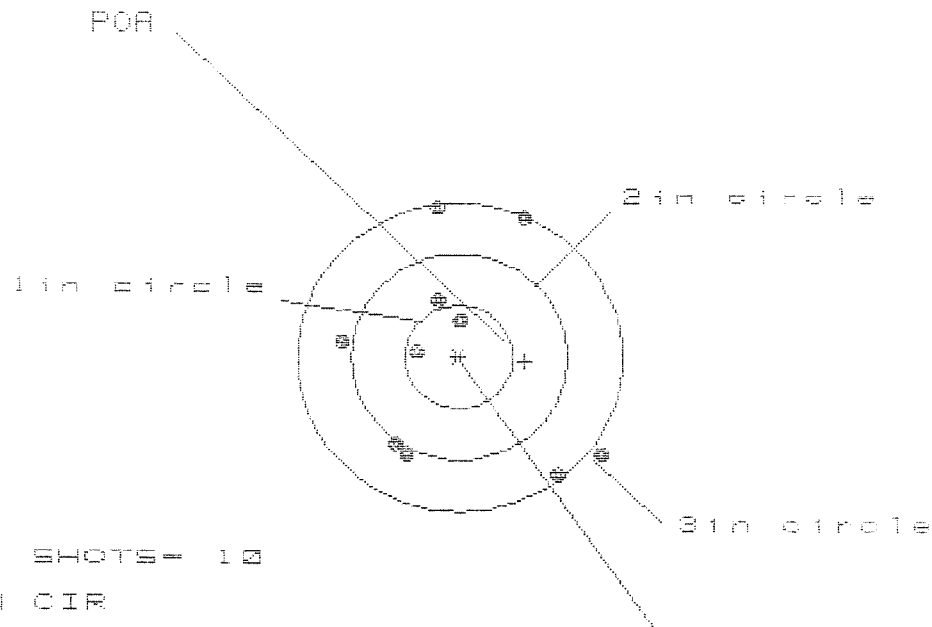
GS = 2.715

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.921	1.022	1.014
MINIMUM X	-.984	-.803	-.811
MAXIMUM Y	1.178	.654	.584
MINIMUM Y	-1.327	-1.197	-1.105
CENTROID X	-.910	-1.011	-1.063
CENTROID Y	.311	.181	.331
POA TO CENTROID in.	.962	1.027	1.056
MIN RADIUS	.151	.170	.223
MEAN RADIUS	.845	.779	.697
MAX RADIUS	1.479	1.199	1.128
HORIZONTAL SPREAD	1.825	1.825	1.825
VERTICAL SPREAD	2.497	1.851	1.689
EXTREME SPREAD	2.715	2.012	1.958
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225323

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 2.464

VS= 2.592

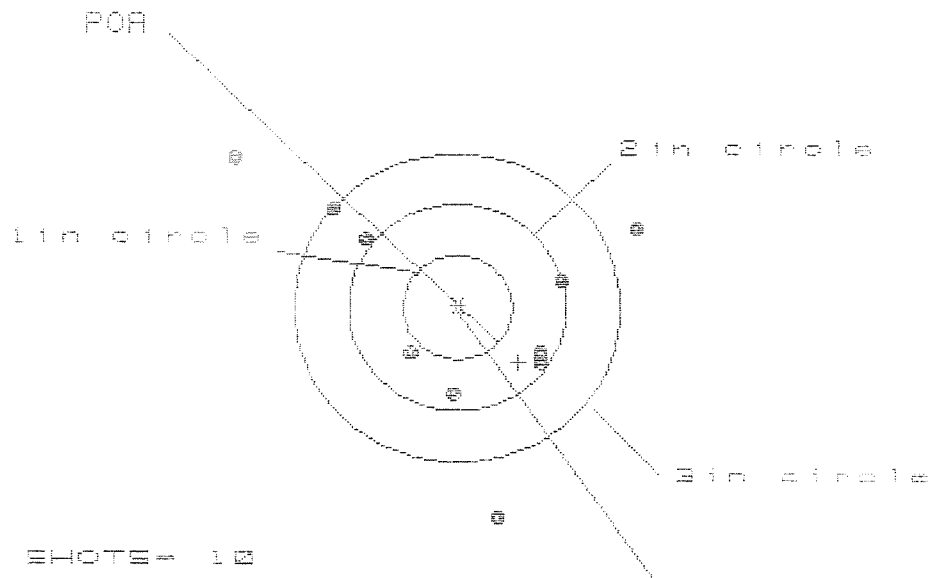
GS= 2.859

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.350
MINIMUM X	-1.114
MAXIMUM Y	1.428
MINIMUM Y	-1.164
CENTROID X	-0.609
CENTROID Y	0.043
POR TO CENTROID in.	0.611
MIN RADIUS	0.367
MEAN RADIUS	1.069
MAX RADIUS	1.666
HORIZONTAL SPREAD	2.464
VERTICAL SPREAD	2.592
EXTREME SPREAD	2.859
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285323

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 0

H0 = 3.710

V0 = 3.468

G0 = 4.224

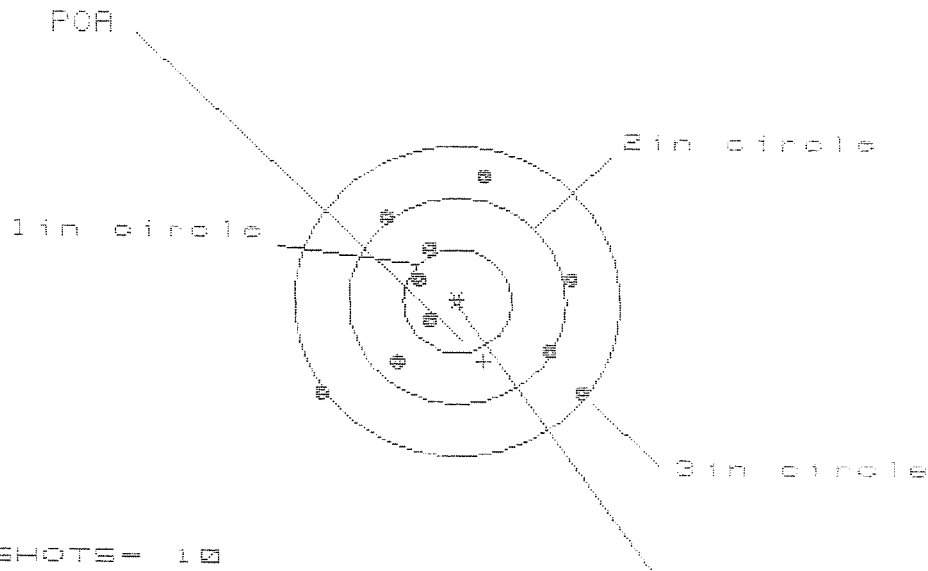
CENTROID #

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.677	1.451	1.476
MINIMUM X	-2.033	-1.365	-1.346
MAXIMUM Y	1.480	1.141	.913
MINIMUM Y	-1.988	-1.824	-.894
CENTROID X	-.559	-.333	-.352
CENTROID Y	.532	.368	.596
POA TO CENTROID in.	.772	.496	.692
MIN RADIUS	.585	.547	.687
MEAN RADIUS	1.309	1.123	1.054
MAX RADIUS	2.515	1.830	1.645
HORIZONTAL SPREAD	3.710	2.816	2.816
VERTICAL SPREAD	3.468	2.965	1.807
EXTREME SPREAD	4.224	3.331	2.821
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

10 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225323

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.462

VS= 2.093

GS= 2.607

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.170
MINIMUM X	-1.292
MAXIMUM Y	1.197
MINIMUM Y	-.896
CENTROID X	-.247
CENTROID Y	.586
POA TO CENTROID in.	.636
MIN RADIUS	.259
MEAN RADIUS	.934
MAX RADIUS	1.573
HORIZONTAL SPREAD	2.462
VERTICAL SPREAD	2.093
EXTREME SPREAD	2.607
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

Final Inspection

S.N. C6225323 DATE REC'D: 9-26-00 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

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

☒ INON SIGHTS

☒ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION

☒ SET

Comments:

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

R & E NUMBER		14570	
SERIAL NUMBER		C6225323	
LOG-IN DATE		9-26-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-00	CIC
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-3-00	RW
605	CHECK HEADSPACE	10-3-00	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	10-17-00	RW
655	FINAL INSPECT	10-25-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0012807

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225323
25 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0732
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .141248

THE AMR FOR THIS RIFLE IS: .9834

CENTROIDAL DISTANCES

0 TO 1	.388209
1 TO 2	.750479
1 TO 3	.454018
1 TO 4	.569619
1 TO 5	.900374

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

BARBER - M24 0012808

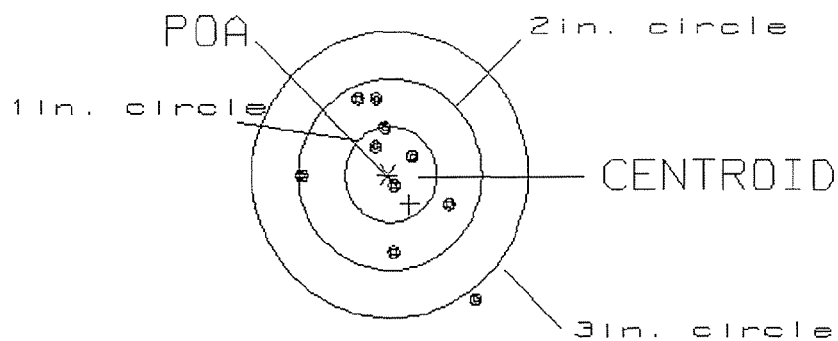
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 0010
POA TO CENTROID: .388
MIN RADIUS : .065
MEAN RADIUS : .692
MAX RADIUS : 1.572
CENTROID X : -.235
CENTROID Y : .309

25 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 1.94

4

VS= 2.05

6

GS= 2.42

9

BARBER - M24 0012809

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .367

MIN RADIUS : .080

MEAN RADIUS : 1.090

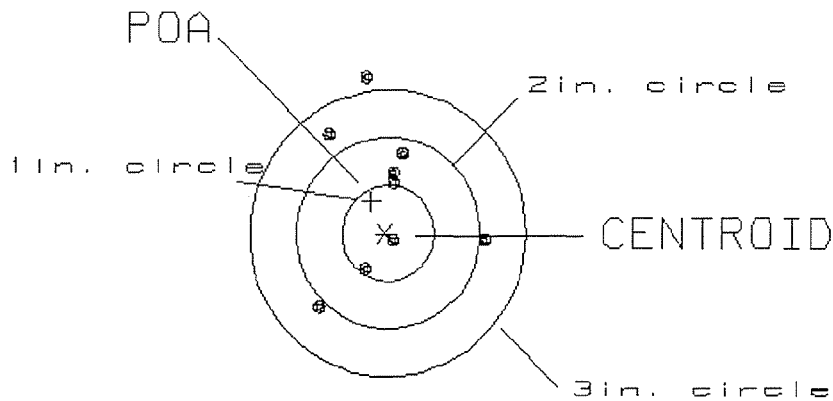
MAX RADIUS : 3.351

CENTROID X : .152

CENTROID Y : -.334

25 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323.1

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 1.80

2

VS= 4.91

5

GS= 4.97

8

BARBER - M24 0012810

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .091

MIN RADIUS : .262

MEAN RADIUS : .803

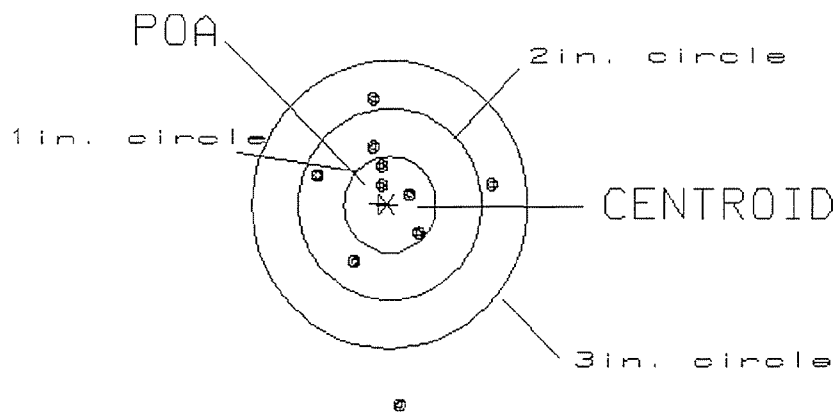
MAX RADIUS : 2.144

CENTROID X : .091

CENTROID Y : -.007

25 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 1.92

4

VS= 3.27

7

GS= 3.28

9

BARBER - M24 0012811

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .217

MIN RADIUS : .603

MEAN RADIUS : 1.157

MAX RADIUS : 1.633

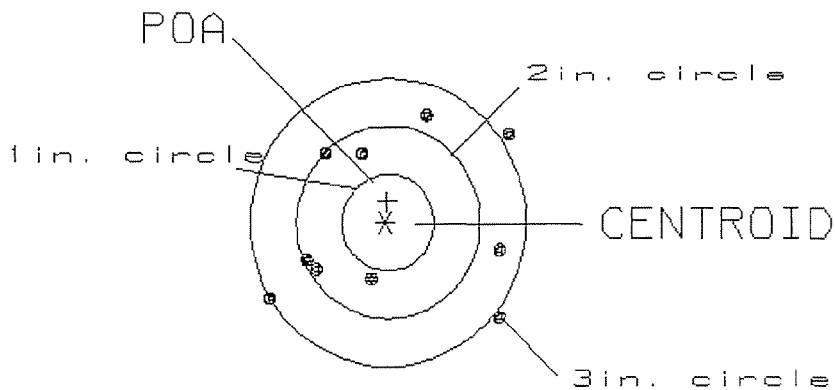
CENTROID X : -.014

CENTROID Y : -.216

25 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/cb225323.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.65

0

VS= 2.14

4

GS= 3.19

7

BARBER - M24 0012812

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .515

MIN RADIUS : .049

MEAN RADIUS : 1.175

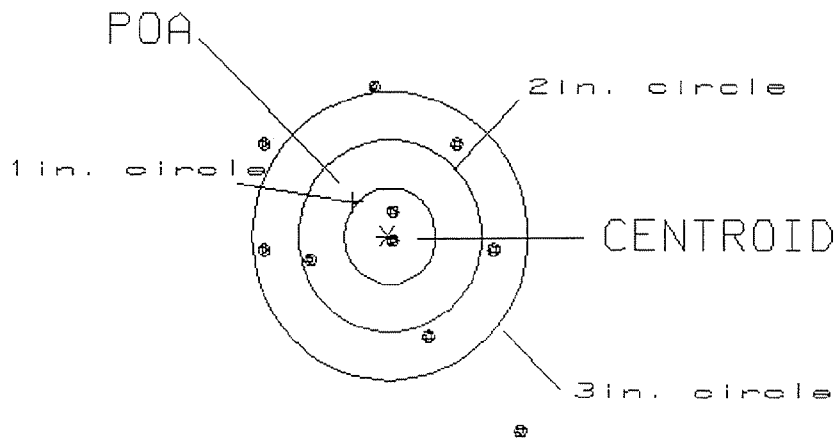
MAX RADIUS : 2.533

CENTROID X : .372

CENTROID Y : -.356

25 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323.1

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.83

2

VS= 3.61

3

GS= 4.14

7

BARBER - M24 0012813

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225323
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.372
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2046
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .424553

THE AMR FOR THIS RIFLE IS: 1.364

CENTROIDAL DISTANCES

Ø TO	1	.374995
1 TO	2	.148385
1 TO	3	.495601
1 TO	4	.568075
1 TO	5	.490111

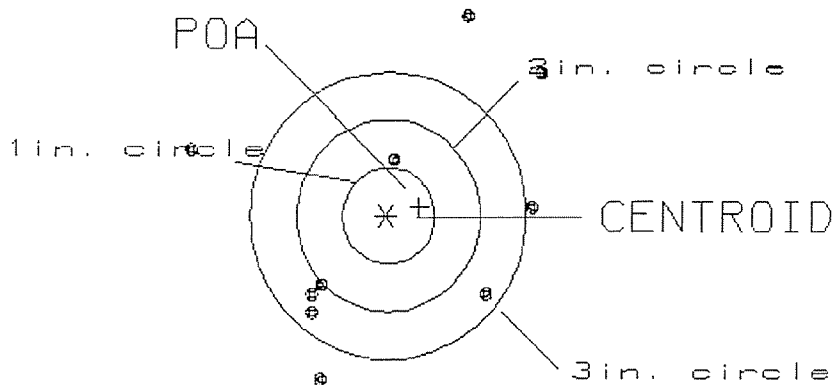
3
2 1 + <----POA
5
4

PATTERN #: 1
 POA TO CENTROID: .375
 MIN RADIUS : .603
 MEAN RADIUS : 1.565
 MAX RADIUS : 2.294
 CENTROID X : -.365
 CENTROID Y : -.086

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.81

0

VS= 3.81

1

GS= 4.16

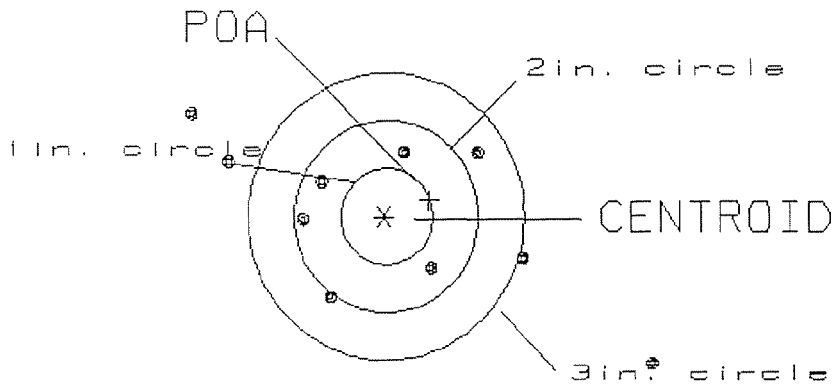
5

PATTERN #: 2
 POA TO CENTROID: .516
 MIN RADIUS : .691
 MEAN RADIUS : 1.429
 MAX RADIUS : 3.287
 CENTROID X : -.488
 CENTROID Y : -.169

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.99

0

VS= 2.61

4

GS= 5.63

6

PATTERN #: 3

POA TO CENTROID: .317

MIN RADIUS : .439

MEAN RADIUS : 1.346

MAX RADIUS : 2.576

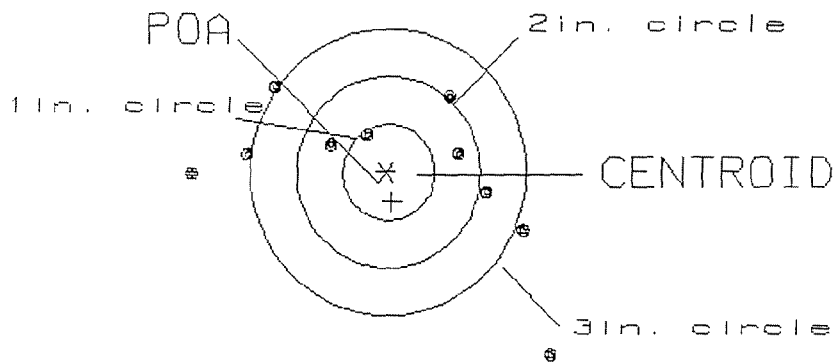
CENTROID X : -.067

CENTROID Y : .310

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.81

1

VS= 2.83

3

GS= 4.27

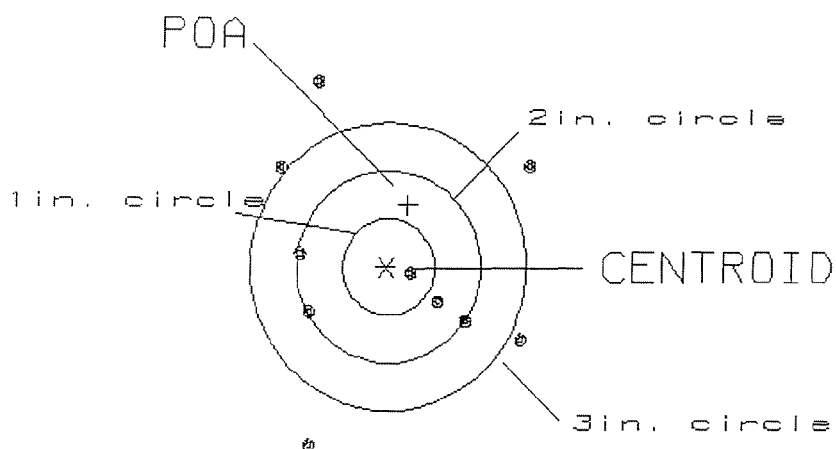
5

PATTERN #: 4
 POA TO CENTROID: .681
 MIN RADIUS : .275
 MEAN RADIUS : 1.305
 MAX RADIUS : 2.064
 CENTROID X : -.235
 CENTROID Y : -.639

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.72

1

VS= 3.60

4

GS= 3.80

5

BARBER - M24 0012818

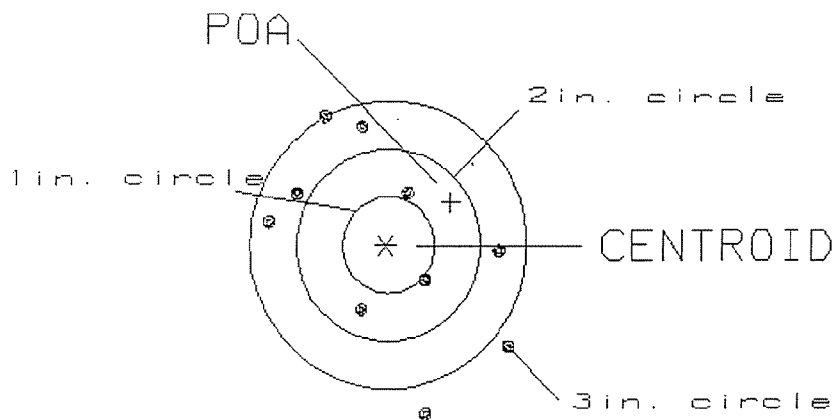
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
POA TO CENTROID: .830
MIN RADIUS : .512
MEAN RADIUS : 1.177
MAX RADIUS : 1.786
CENTROID X : -.705
CENTROID Y : -.439

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225323

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.59

0

VS= 3.04

3

GS= 3.23

8