

C6349095

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00144836

Serial: C6349095 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:56:33 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

naglelj

4/24/2008

12:25 PM

NUM

H start

4 Micros...

The Asso...

2 Micros...

SAP Loga...

Arms Ser...

Serial
Number:

C6349095

Model: M24 SWS



RE00144836

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349095.___0
FILE DATE AND TIME: 05/22/2008 05:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.023
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.024
The Average Mean Radius of the Five Target Set:	0.729
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.038
The Distance from Centroid Target #3 to Centroid Target #1:	0.218
The Distance from Centroid Target #4 to Centroid Target #1:	0.142
The Distance from Centroid Target #5 to Centroid Target #1:	0.041

SERIAL NUMBER: C6349095. __0

TARGET NUMBER: 1

FILE DATE: 05/22/2008

FILE TIME: 05:45

POINT#	X	Y
1:	0.550	-1.268
2:	0.178	-1.430
3:	-0.972	-0.641
4:	-0.111	1.722
5:	-0.202	1.246
6:	-0.858	1.192
7:	0.618	-0.210
8:	0.334	-0.164
9:	-0.048	0.088
10:	-0.250	-0.223

X CENTROID: -0.076

Y CENTROID: 0.031

POA TO CENTROID: 0.082

HORZ SPREAD: 1.590

VERT SPREAD: 3.152

GROUP SPREAD: 3.165

MIN RADIUS: 0.063

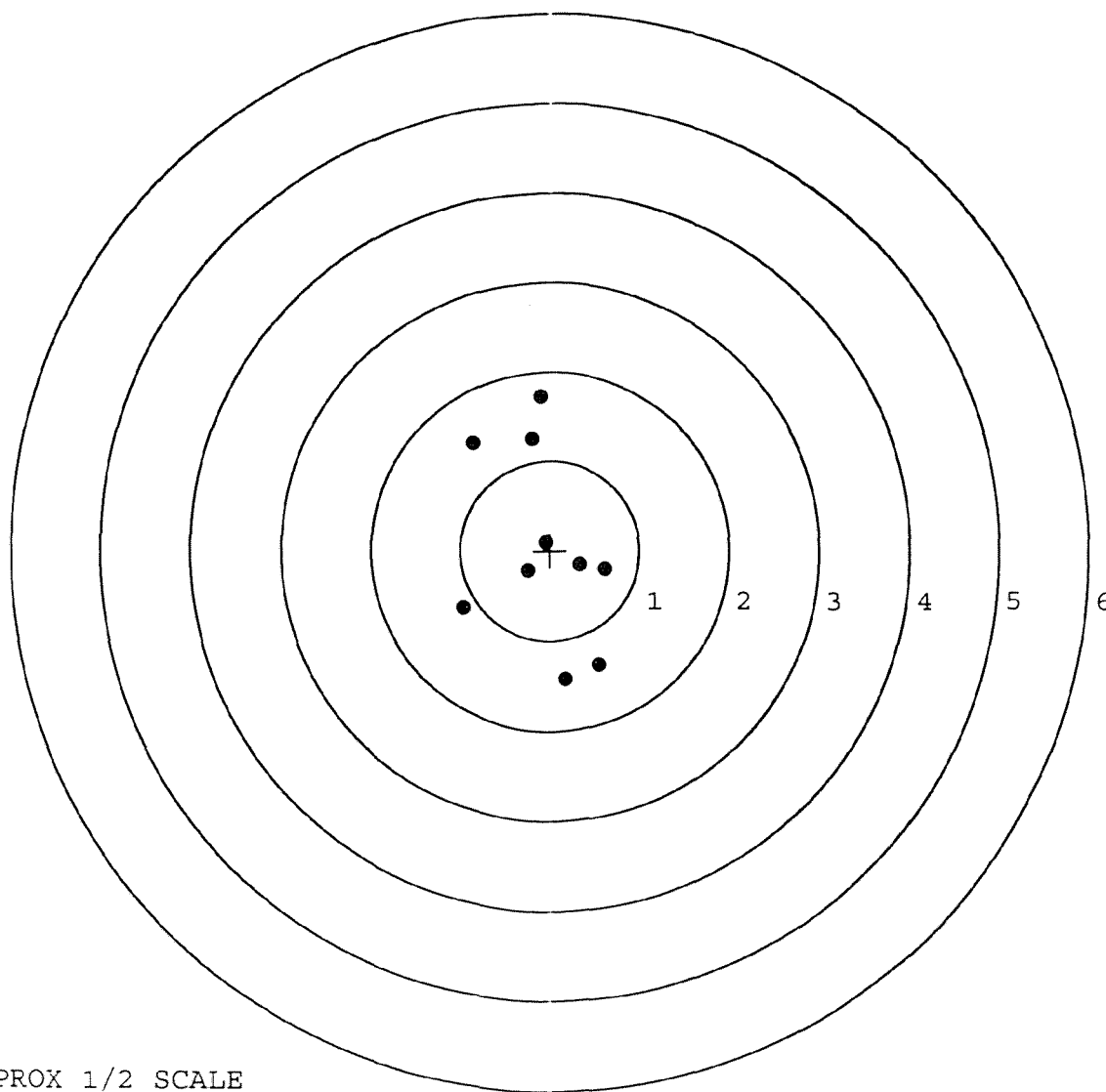
MAX RADIUS: 1.691

MEAN RADIUS: 0.992

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. 0

TARGET NUMBER: 2

FILE DATE: 05/22/2008

FILE TIME: 05:45

X CENTROID: -0.092

Y CENTROID: -0.003

POA TO CENTROID: 0.092

HORZ SPREAD: 1.931

VERT SPREAD: 1.622

GROUP SPREAD: 2.054

MIN RADIUS: 0.112

MAX RADIUS: 1.380

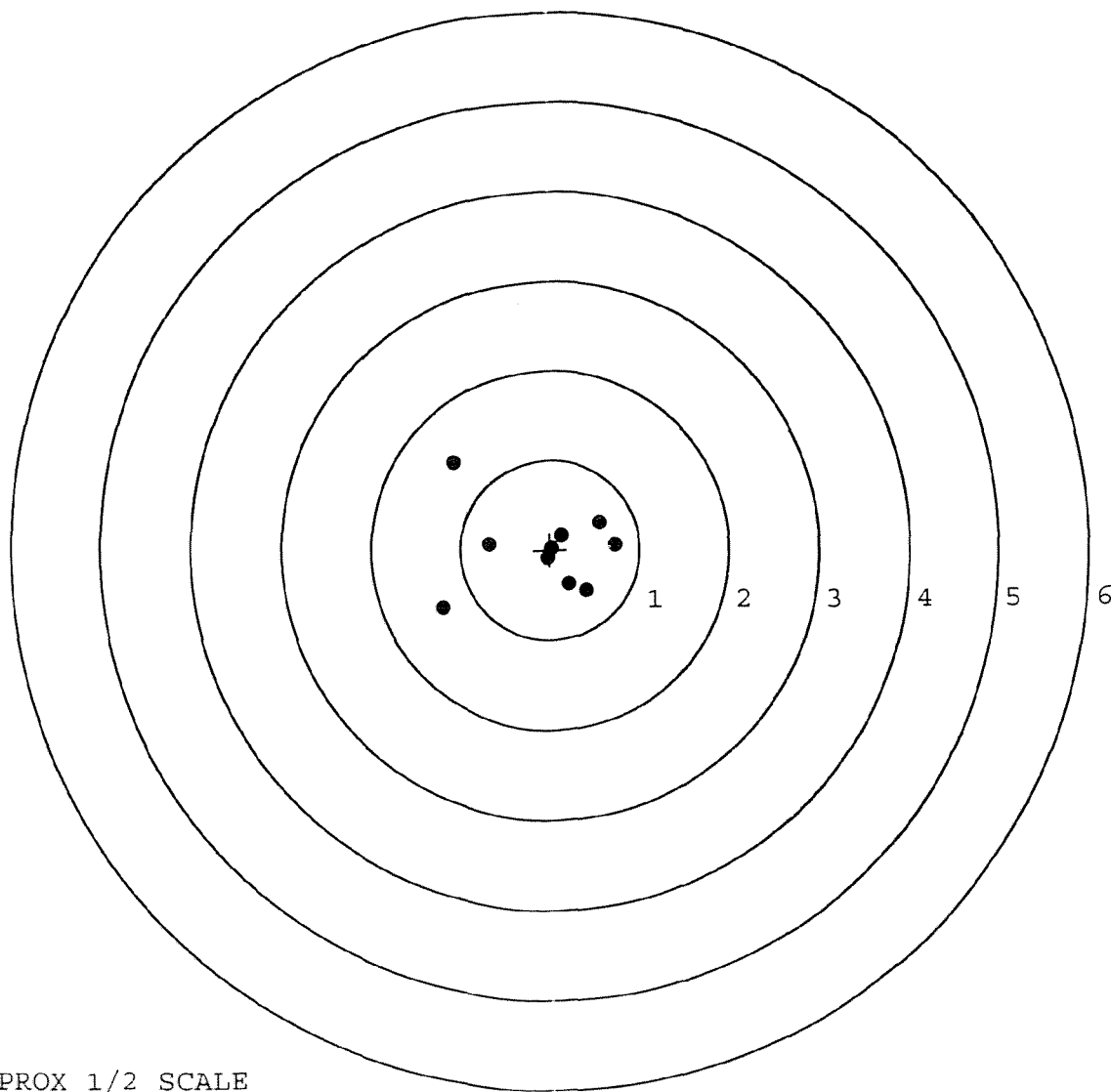
MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.676	0.073
2:	-1.071	0.969
3:	-1.198	-0.653
4:	0.733	0.060
5:	0.553	0.297
6:	0.403	-0.461
7:	0.208	-0.390
8:	-0.031	-0.097
9:	0.025	0.015
10:	0.133	0.157



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. __0

TARGET NUMBER: 3

FILE DATE: 05/22/2008

FILE TIME: 05:45

POINT#	X	Y
1:	0.375	1.256
2:	0.009	0.693
3:	-0.154	0.488
4:	0.574	0.309
5:	0.322	0.097
6:	0.345	-0.278
7:	0.125	-0.889
8:	-0.025	-0.403
9:	-0.664	-0.605
10:	0.439	0.194

X CENTROID: 0.135

Y CENTROID: 0.086

POA TO CENTROID: 0.160

HORZ SPREAD: 1.238

VERT SPREAD: 2.145

GROUP SPREAD: 2.160

MIN RADIUS: 0.188

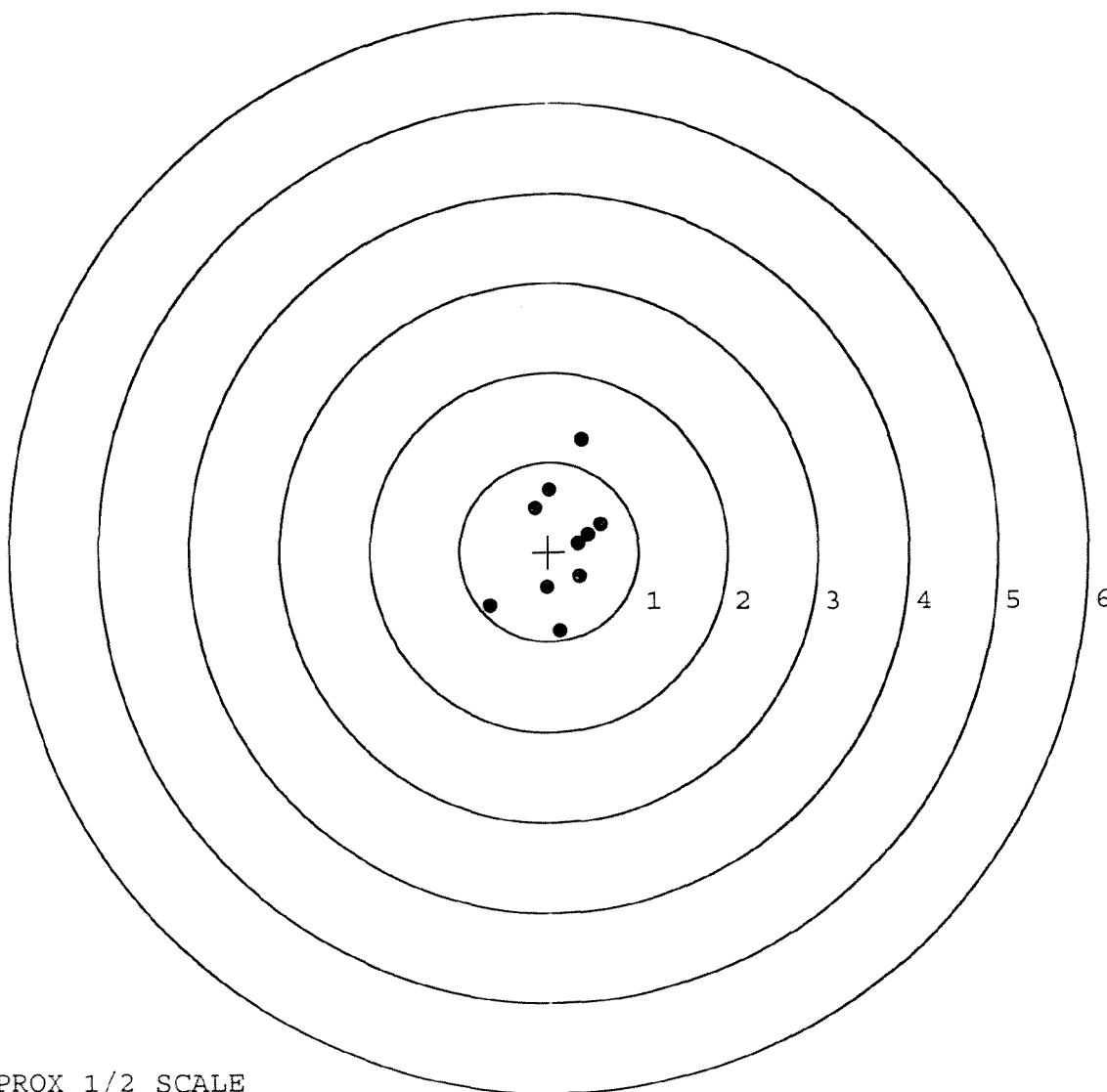
MAX RADIUS: 1.194

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. __0

TARGET NUMBER: 4

FILE DATE: 05/22/2008

FILE TIME: 05:45

POINT#	X	Y
1:	-0.542	-1.354
2:	-0.327	-0.875
3:	-0.870	0.144
4:	-0.015	0.902
5:	0.752	0.035
6:	0.551	0.315
7:	0.230	0.123
8:	0.149	-0.282
9:	-0.060	0.058
10:	-0.331	-0.143

X CENTROID: -0.046

Y CENTROID: -0.108

POA TO CENTROID: 0.117

HORZ SPREAD: 1.622

VERT SPREAD: 2.256

GROUP SPREAD: 2.317

MIN RADIUS: 0.166

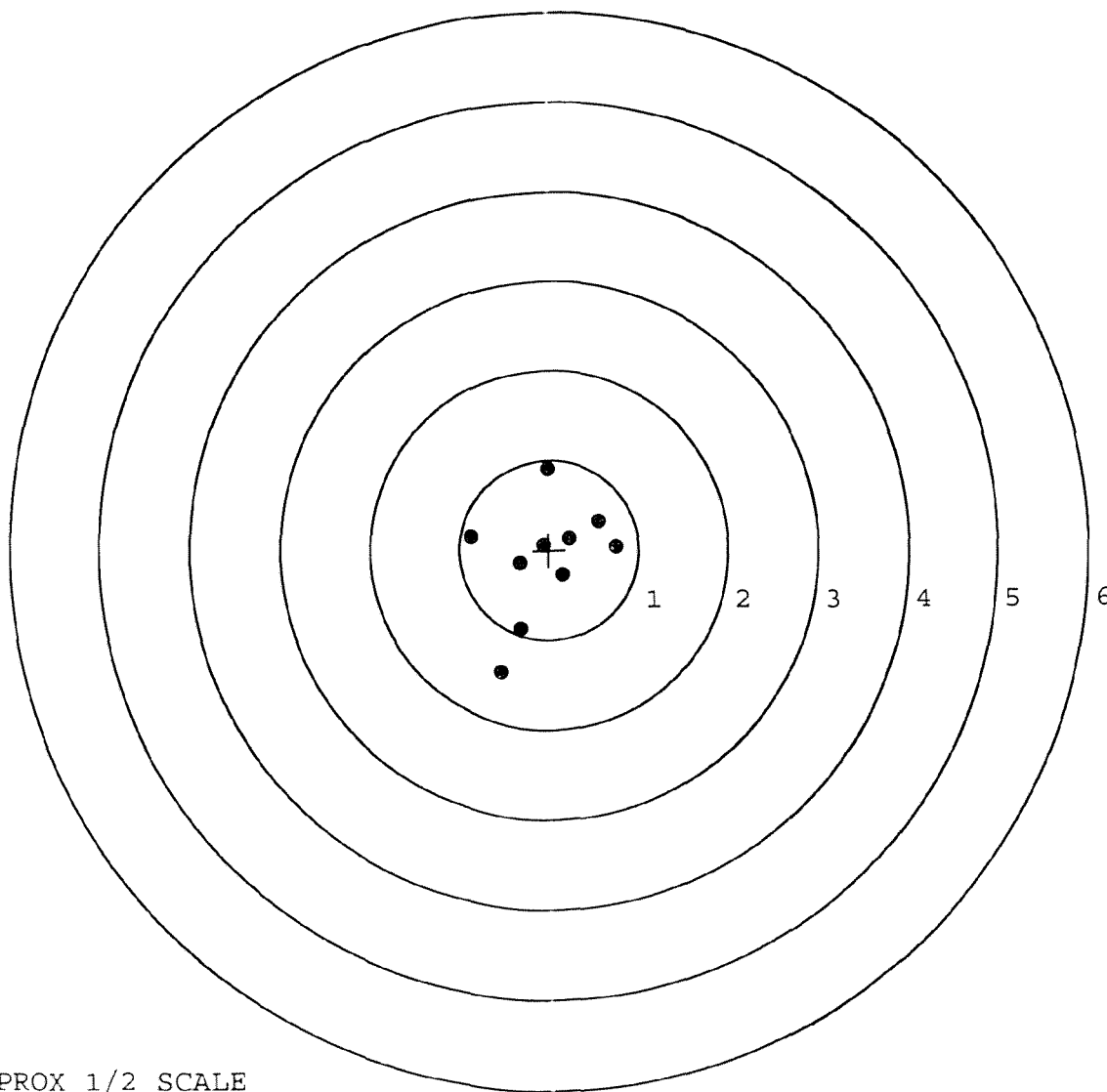
MAX RADIUS: 1.341

MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

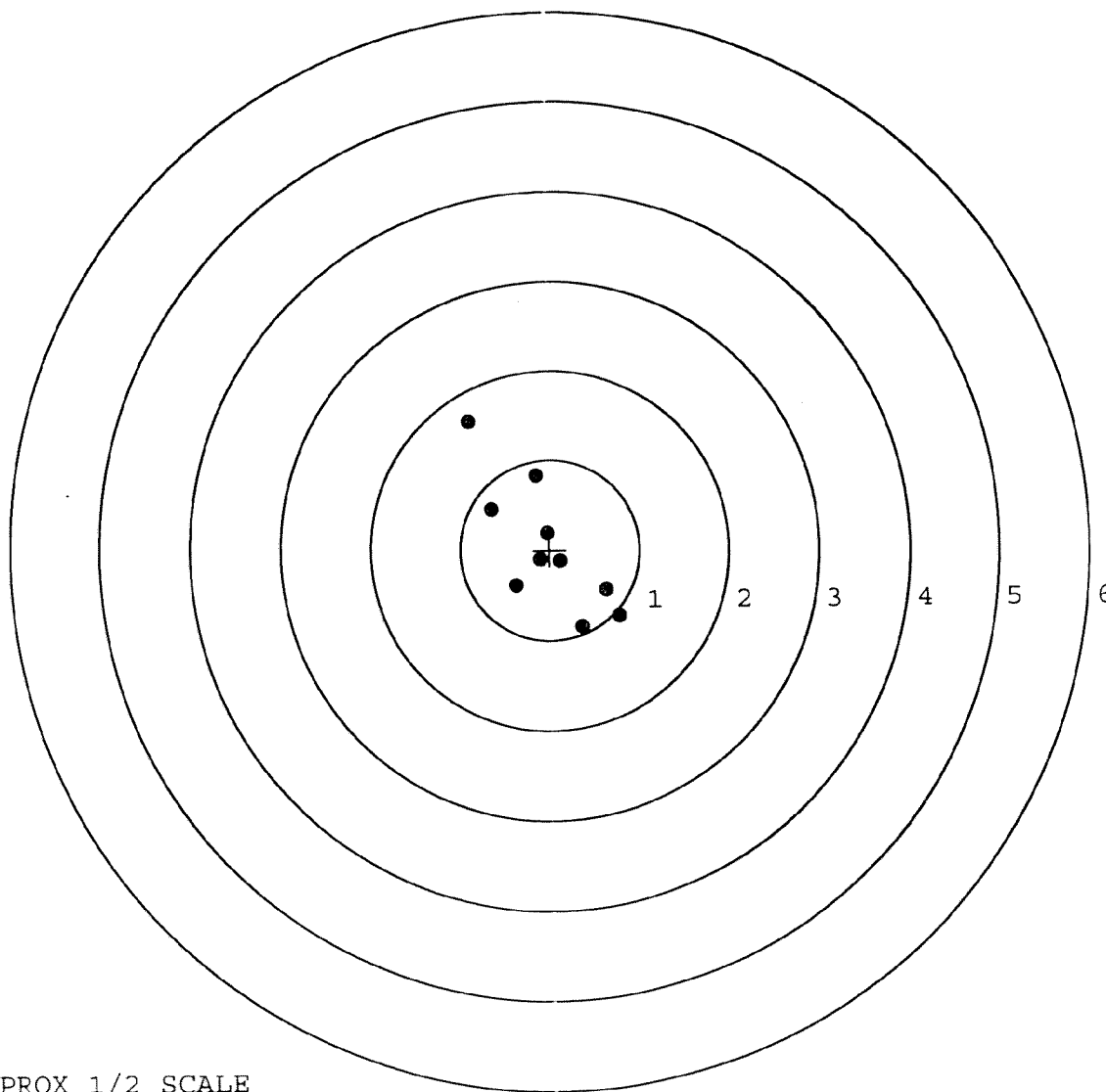


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. __0
 TARGET NUMBER: 5
 FILE DATE: 05/22/2008
 FILE TIME: 05:45

POINT#	X	Y
1:	0.767	-0.734
2:	0.621	-0.450
3:	0.359	-0.856
4:	-0.894	1.433
5:	-0.149	0.825
6:	-0.653	0.448
7:	-0.031	0.186
8:	0.115	-0.127
9:	-0.112	-0.107
10:	-0.384	-0.396

X CENTROID: -0.036
 Y CENTROID: 0.022
 POA TO CENTROID: 0.042
 HORZ SPREAD: 1.661
 VERT SPREAD: 2.289
 GROUP SPREAD: 2.730
 MIN RADIUS: 0.150
 MAX RADIUS: 1.651
 MEAN RADIUS: 0.716
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00144836
SERIAL NUMBER C6349095
LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-2-08	RP
505	RE-BARREL	5-6-08	RTZ
560	ASSEMBLE	5-6-08	RTZ
600	PROOF	5-7-08	TRW
605	CHECK HEADSPACE	5-7-08	TRW
610	DIS-ASSEMBLE GUN	5-7-08	RTZ
612	MAGNAFLUX	5/9/08	WMB
510	DRILL AND TAP	5-7-08	TRW
615	ROLLMARK CALIBER	5-7-08	CW
618	ROTO-BLAST	5-9-08	DG
620	APPLY COATINGS	5/19/08	CM
625	FINAL ASSEMBLY	5-21-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-21-08 SD
650	TARGET	PASS FAIL	5-21-08 SL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	5-21-08 RP
670	FINAL INSPECTION	5/23/08	Fm
	A) HEADSPACE	PASS FAIL	5/23/08 Fm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.89 2.73 2.85 2.89 2.93 5-22-08 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4- 4- 4- 5/23/08 Fm
	G) SAFETY OFF FORCE	2 LBS MIN	2- 2- 2- 5/23/08 Fm
	I) FIRING PIN INDENT	.020	.024 .024 .024 5/23/08 Fm
690	PACK		5/30/08 Fm

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: **RE00092674** Serial: C6349095 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:41:50 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box PO Box

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

negleij 2/8/2005 9:43 AM CAPS INUM INS ECPL

start 3 4

Serial Number: **C6349095**

Model: **M24 SWS**



RE00092674

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349095.__0
FILE DATE AND TIME: 03/15/2005 09:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.077
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	1.062
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.299
The Distance from Centroid Target #3 to Centroid Target #1:	0.467
The Distance from Centroid Target #4 to Centroid Target #1:	0.517
The Distance from Centroid Target #5 to Centroid Target #1:	0.149

SERIAL NUMBER: C6349095. 0

TARGET NUMBER: 1

FILE DATE: 03/15/2005

FILE TIME: 09:16

POINT#	X	Y
1:	0.982	-0.985
2:	0.356	-0.676
3:	0.250	-0.198
4:	-0.188	0.087
5:	-0.592	-0.117
6:	-0.728	-1.273
7:	0.440	0.691
8:	0.059	0.583
9:	-0.198	1.108
10:	0.133	2.786

X CENTROID: 0.051

Y CENTROID: 0.201

POA TO CENTROID: 0.207

HORZ SPREAD: 1.710

VERT SPREAD: 4.059

GROUP SPREAD: 4.149

MIN RADIUS: 0.265

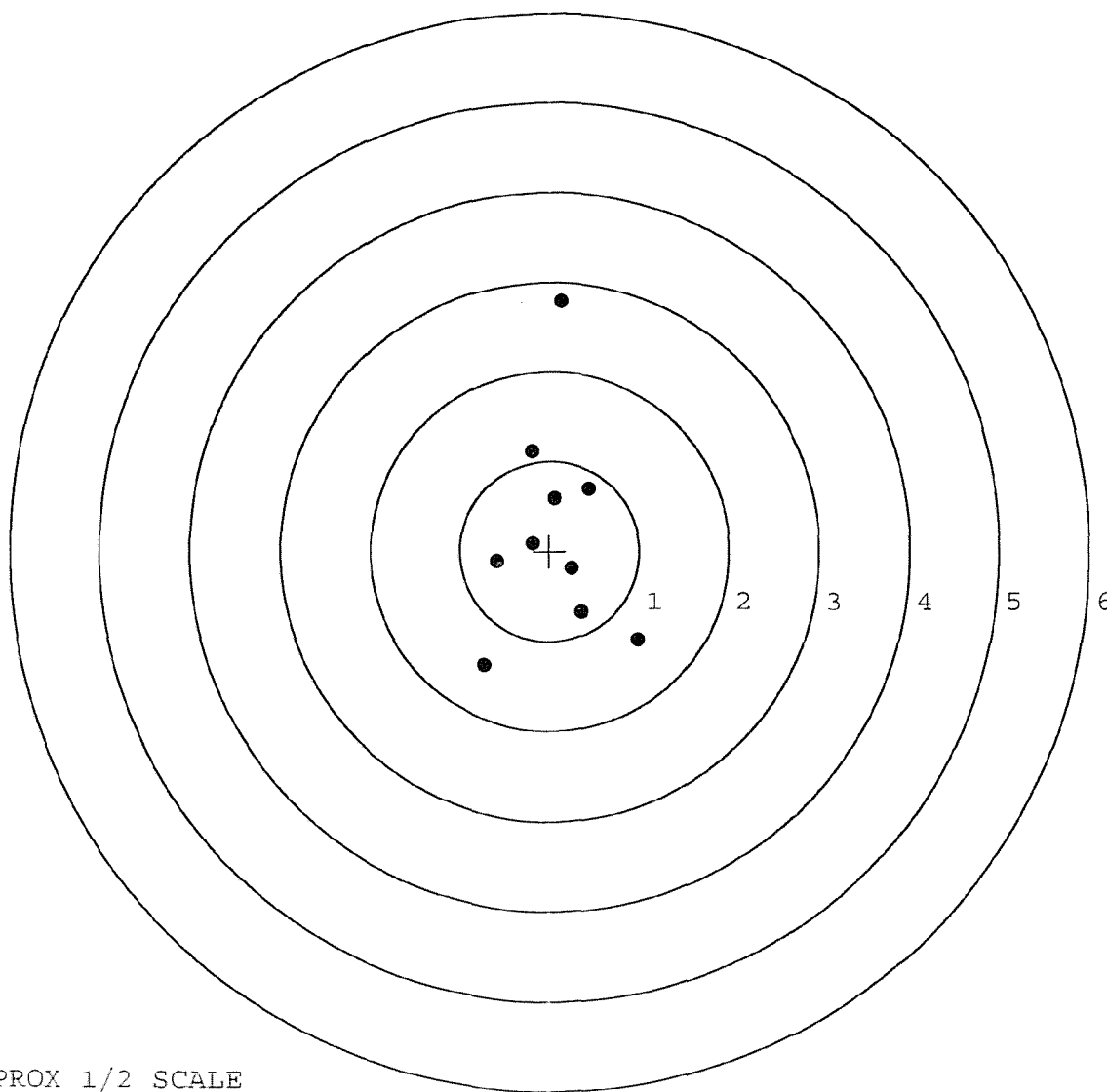
MAX RADIUS: 2.587

MEAN RADIUS: 1.007

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0107670

SERIAL NUMBER: C6349095. __0

TARGET NUMBER: 2

FILE DATE: 03/15/2005

FILE TIME: 09:16

POINT#	X	Y
1:	0.115	-0.763
2:	-0.467	-0.693
3:	-1.007	-1.122
4:	0.310	-0.087
5:	0.614	-0.001
6:	0.999	0.714
7:	1.348	2.004
8:	-1.219	0.325
9:	-1.346	0.640
10:	-1.783	0.490

X CENTROID: -0.244

Y CENTROID: 0.151

POA TO CENTROID: 0.286

HORZ SPREAD: 3.131

VERT SPREAD: 3.126

GROUP SPREAD: 3.914

MIN RADIUS: 0.602

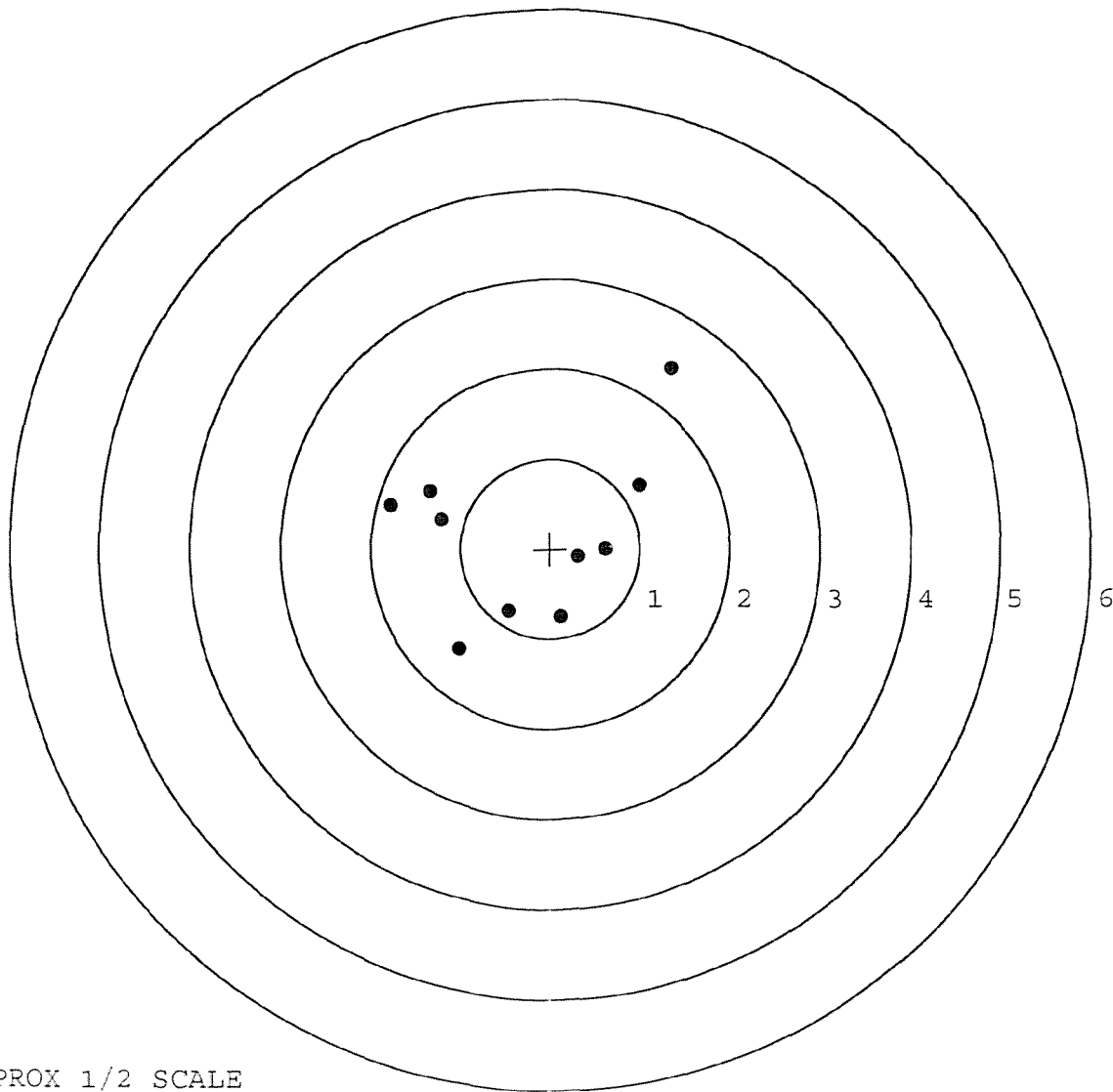
MAX RADIUS: 2.443

MEAN RADIUS: 1.239

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. __ 0

TARGET NUMBER: 3

FILE DATE: 03/15/2005

FILE TIME: 09:16

POINT#	X	Y
1:	0.780	-1.536
2:	-0.050	-1.783
3:	-1.320	-1.672
4:	-0.075	-0.549
5:	0.172	-0.206
6:	0.234	0.112
7:	0.237	0.286
8:	-0.009	0.442
9:	0.359	1.149
10:	-0.508	1.146

X CENTROID: -0.018

Y CENTROID: -0.261

POA TO CENTROID: 0.262

HORZ SPREAD: 2.100

VERT SPREAD: 2.932

GROUP SPREAD: 3.283

MIN RADIUS: 0.198

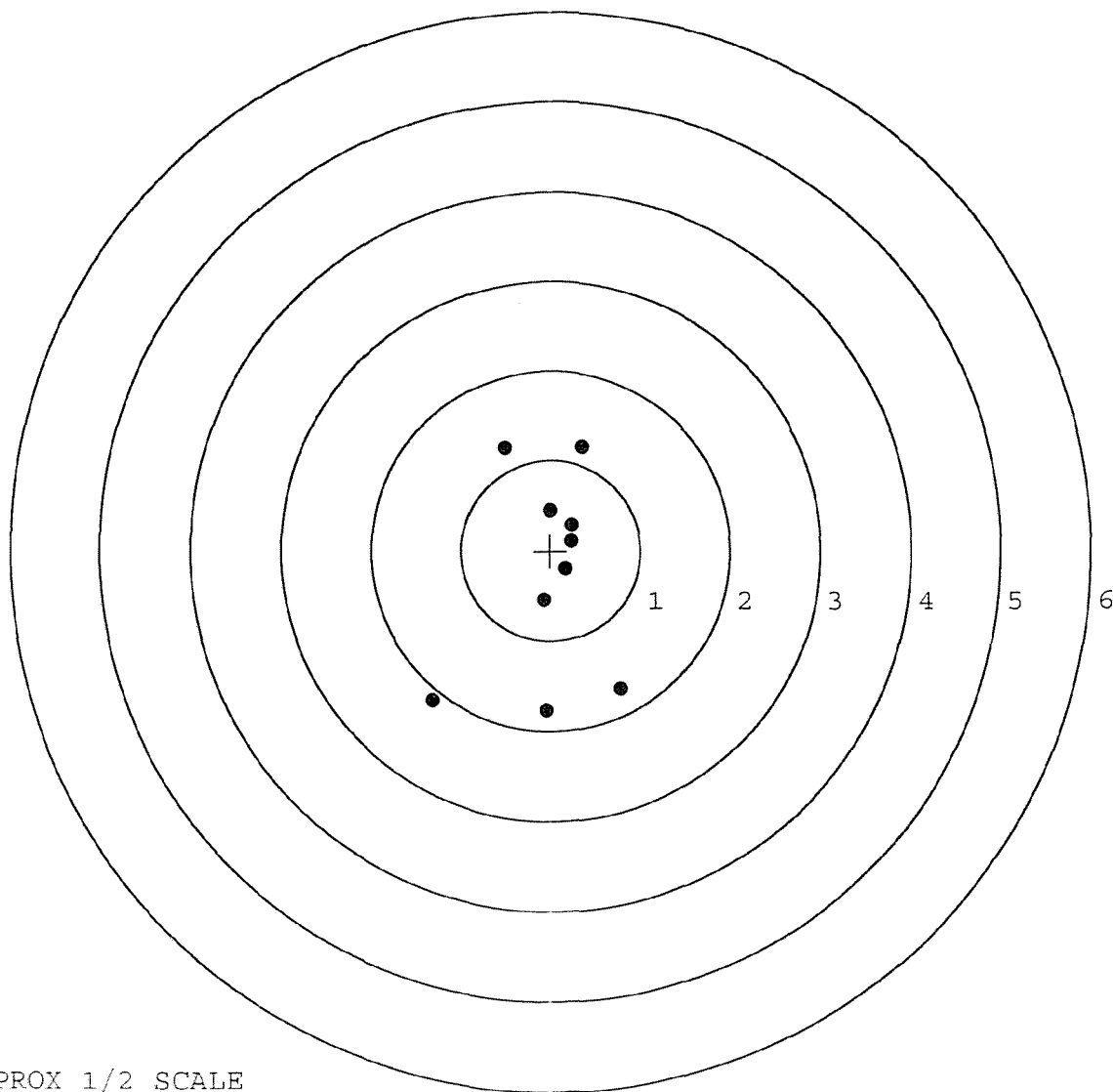
MAX RADIUS: 1.920

MEAN RADIUS: 1.014

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349095. __0

TARGET NUMBER: 4

FILE DATE: 03/15/2005

FILE TIME: 09:16

POINT#	X	Y
1:	-0.246	-1.662
2:	-0.184	-1.069
3:	-0.167	-0.411
4:	-1.053	-0.088
5:	-1.897	-0.162
6:	0.797	0.285
7:	0.775	0.026
8:	0.180	0.052
9:	-0.086	0.344
10:	-0.470	0.388

X CENTROID: -0.235

Y CENTROID: -0.230

POA TO CENTROID: 0.329

HORZ SPREAD: 2.694

VERT SPREAD: 2.050

GROUP SPREAD: 2.731

MIN RADIUS: 0.194

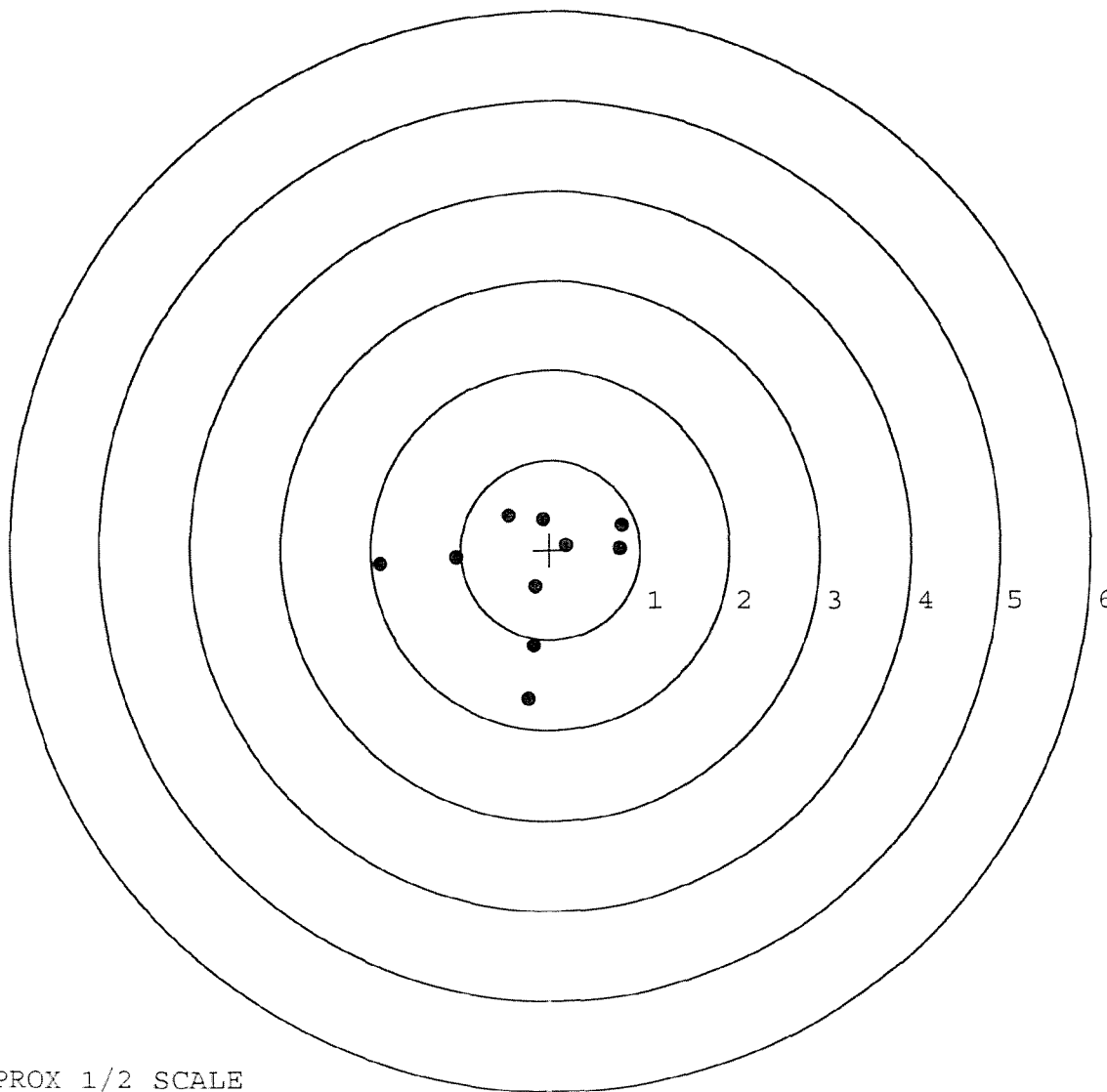
MAX RADIUS: 1.663

MEAN RADIUS: 0.891

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



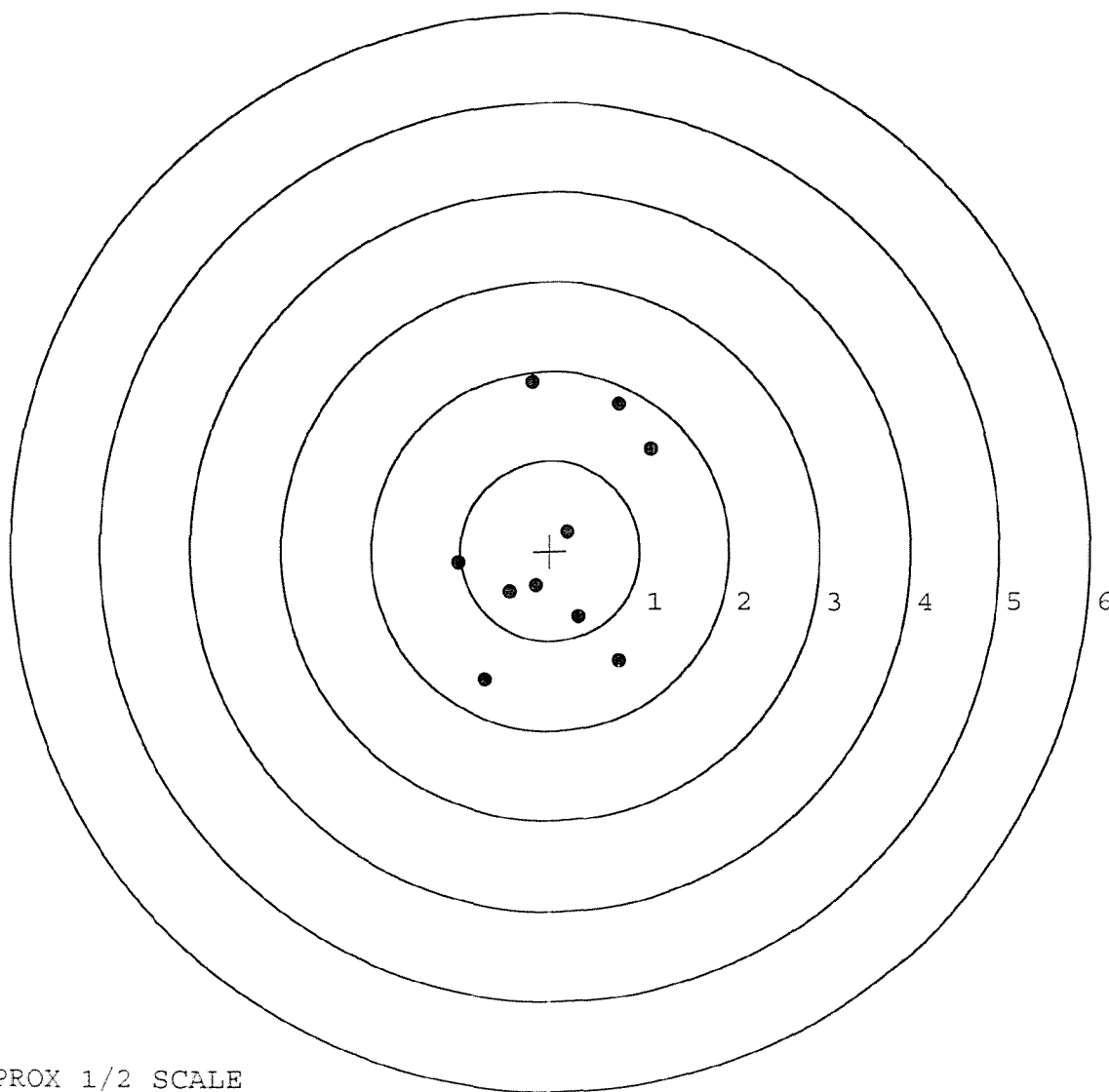
TARGET APPROX 1/2 SCALE

BARBER - M24 0107673

SERIAL NUMBER: C6349095. __0
 TARGET NUMBER: 5
 FILE DATE: 03/15/2005
 FILE TIME: 09:16

POINT#	X	Y
1:	0.770	-1.218
2:	0.318	-0.736
3:	-0.732	-1.431
4:	-1.024	-0.134
5:	-0.456	-0.453
6:	-0.163	-0.384
7:	0.192	0.210
8:	1.124	1.134
9:	0.760	1.640
10:	-0.204	1.886

X CENTROID: 0.059
 Y CENTROID: 0.051
 POA TO CENTROID: 0.078
 HORZ SPREAD: 2.148
 VERT SPREAD: 3.317
 GROUP SPREAD: 3.359
 MIN RADIUS: 0.207
 MAX RADIUS: 1.853
 MEAN RADIUS: 1.159
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

R & E NUMBER	92674		
SERIAL NUMBER	C6349095		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-14-05	RTL
560 A	RE-BARREL	2-16-05	RTL
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTL
600	PROOF	2-17-05	MAGNA-FLUX INSPECTED
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTL
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	LB
620	APPLY COATINGS	3-1-05	HP
625 A	FINAL ASSEMBLY	3-8-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-15-05	AC
D	SAFETY "OFF" FORCE	3-15-05	AC
E	FIRING PIN INDENT	3-15-05	AC
640	TARGET	3-15-05	TRW
655	FINAL INSPECT	3-15-05	AC
660	PACK	4-23-05	OA
		SHIP DATE	
OAR INSPECTION DATE			

Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ M24

SERIAL NO. C6349095

ORDER NO. 5716

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

01

5716 C6349095

UPC

0 47700 25716 7

RC 53

BARBER - M24 0107676

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349095

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12-20-89	RW
600	Proof		12-20-89	K
607	Check Headspace		12-20-89	K
610	Dis-assemble Gun		12-20-89	RW
612	Magnaflux Barrel Action		1-5-90	KER
	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)		1-15-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/10/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/10/90	RW
	C) Inspect Ejector Hole for Chamfer		1/10/90	RW
	D) Oil Firing Pin Ass'y		1/10/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/10/90	JS

op. #	OFF. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1-18-90	GR
	G) Safety Off Force	3	2	2			1-18-90	GR
	H) Trigger Pull Test & Retainability						1/18/90	AS
	I) Firing Pin Indent	.0205	.0205	.0205			1-18-90	GR
	J) Assemble Stock						3/2/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/2/90	RW
	M) Iron Sight Alignment						3/2/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/2/90	RW
	O) Attach Scope to Rifle						3/5/90	WB
	P) Detach & Attach Scope 20 Times						3/5/90	WB
640	Gallery Target & Test						3-6-90	AC
	A) Time						3-6-9	AC
	B) Malfunctions						3-6-90	AC
	C) Pierced Primers						3-6-90	AC
	D) Optical Clarity of Scope						3-6-90	AC
645	Inspect for Live Ammo						3-6-90	AC
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.59	2.31	2.46	2.37	2.51	3/12/90	WB
	C) Function						3/12/90	WB
660	Pack						20 March 90	GR

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349095

DATE 17 Jan 90

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.61	2.06	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.39	2.06	2.31	
PULL #3	2.50	2.09	2.03	2.36	
PULL #4	2.48	2.22	2.23	2.37	
PULL #5	2.34	2.10	2.14	2.51	
TOTAL	12.31	11.41	10.52		
AVG.	2.502	2.282	2.104		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.14		
PULL #2	3.25	3.14		
PULL #3	3.31	3.12		
PULL #4	3.18	3.11		
PULL #5	3.22	3.13		
TOTAL	16.09	15.64		
AVG.	3.218	3.128		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	3.91		4.14
PULL #2	4.10	3.86		4.09
PULL #3	4.11	3.89		4.14
PULL #4	3.97	3.98		4.15
PULL #5	4.08	3.92		4.14
TOTAL	20.44	19.56		20.66
AVG.	4.088	3.912		4.132

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349095
7 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.214832
1 TO	2	.974987
1 TO	3	.841552
1 TO	4	.867848
1 TO	5	.215741

z +5 <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .267602

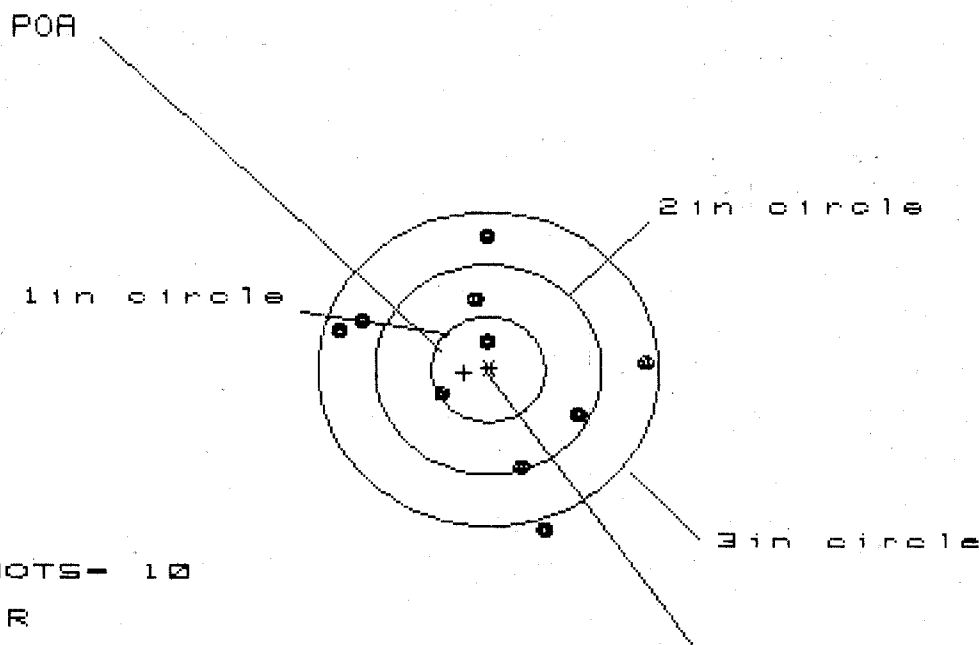
THE AMR FOR THIS RIFLE IS: 1.06

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349095

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.771

VS= 2.884

GS= 2.927

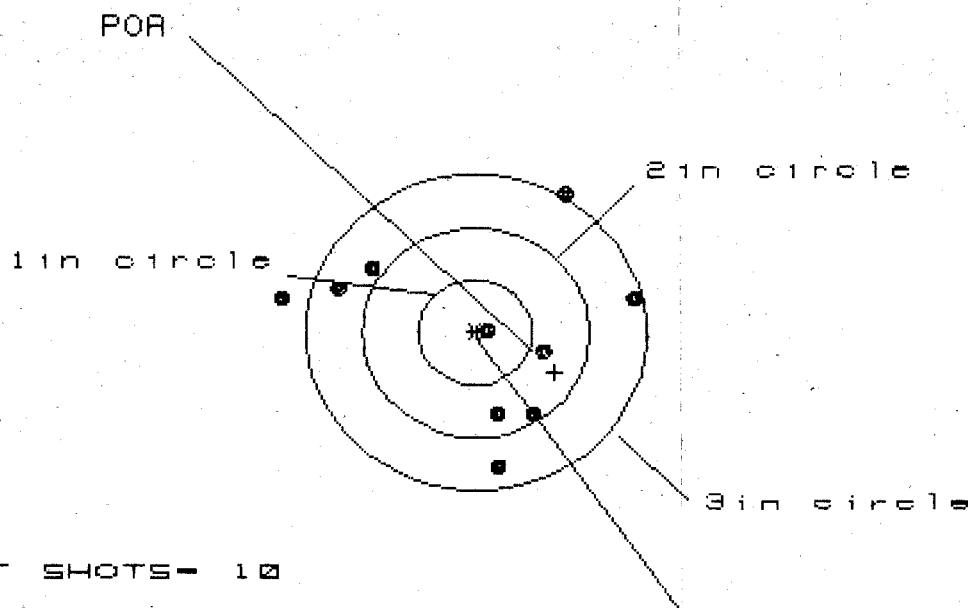
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.421	1.471	.977
MINIMUM X	-1.350	-1.300	-1.116
MAXIMUM Y	1.309	1.135	1.116
MINIMUM Y	-1.575	-1.062	-1.081
CENTROID X	.213	.163	-.021
CENTROID Y	.028	.202	.221
POA TO CENTROID in.	.214	.260	.222
MIN RADIUS	.273	.103	.232
MEAN RADIUS	1.013	.914	.836
MAX RADIUS	1.638	1.479	1.217
HORIZONTAL SPREAD	2.771	2.771	2.093
VERTICAL SPREAD	2.884	2.197	2.197
EXTREME SPREAD	2.927	2.792	2.255
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

6 Mar 1990

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 3.083

VS = 2.587

GS = 3.083

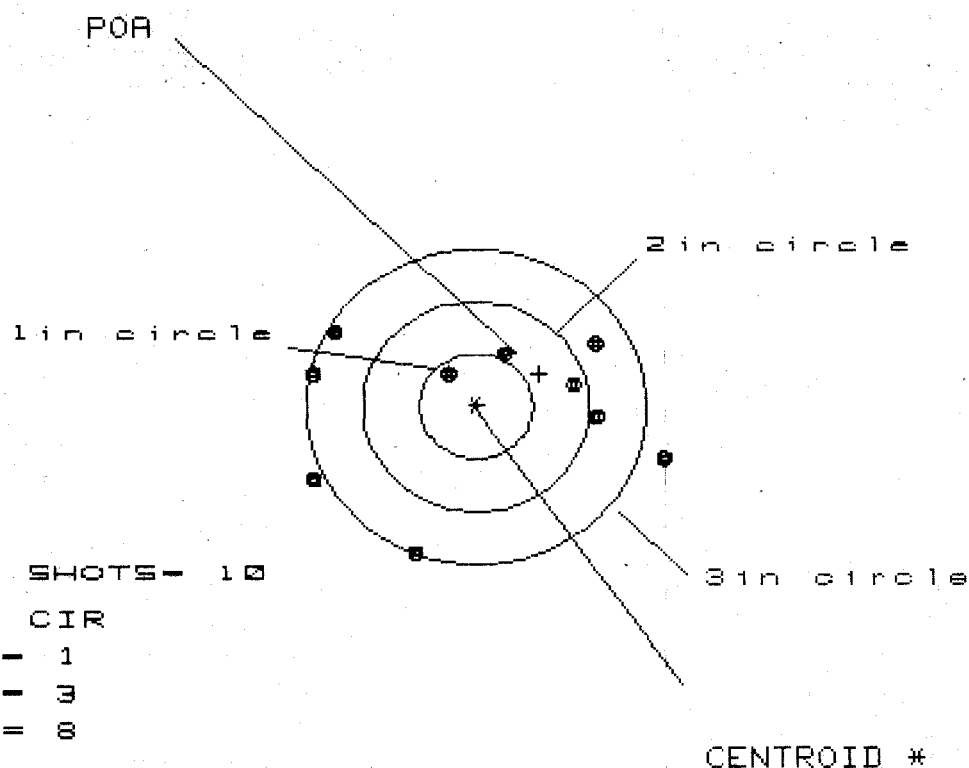
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.420	1.235	1.310
MINIMUM X	-1.663	-1.369	-1.294
MAXIMUM Y	1.324	1.364	.801
MINIMUM Y	-1.263	-1.223	-1.052
CENTROID X	-.697	-.512	-.587
CENTROID Y	.378	.338	.167
POA TO CENTROID in.	.793	.614	.610
MIN RADIUS	.125	.137	.281
MEAN RADIUS	1.087	.989	.913
MAX RADIUS	1.702	1.489	1.441
HORIZONTAL SPREAD	3.083	2.604	2.604
VERTICAL SPREAD	2.587	2.587	1.853
EXTREME SPREAD	3.083	2.662	2.606
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

6 Mar 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 8

HS - 3.083

VS - 2.054

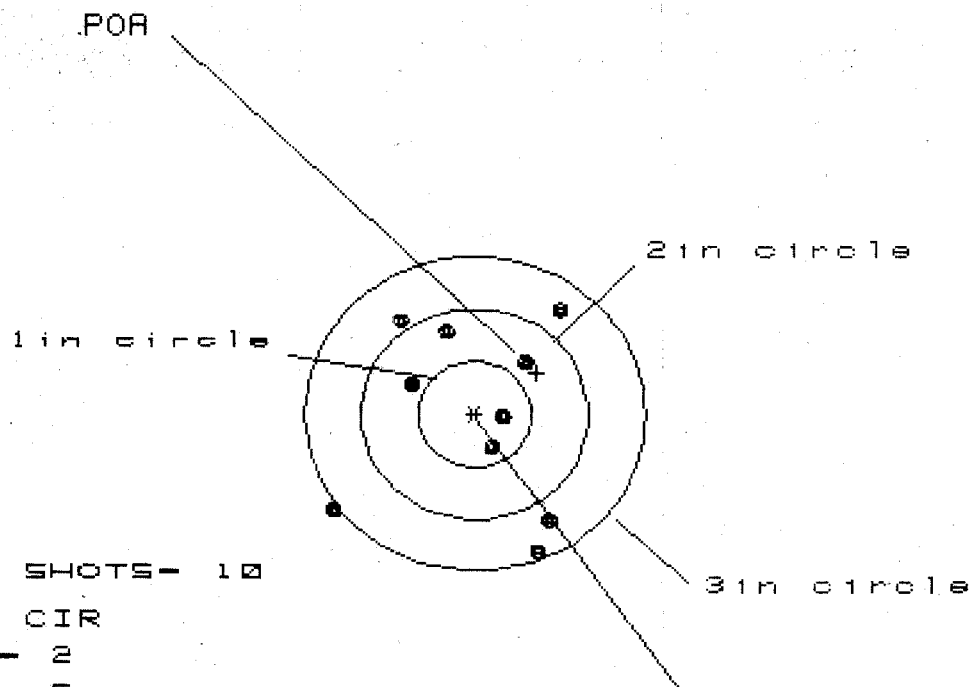
GS - 3.181

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.621	1.252	1.098
MINIMUM X	:	-1.462	-1.281	-1.435
MAXIMUM Y	:	.710	.656	.561
MINIMUM Y	:	-1.344	-1.398	-1.493
CENTROID X	:	-.559	-.740	-.586
CENTROID Y	:	-.307	-.253	-.158
POA TO CENTROID in.	:	.638	.782	.607
MIN RADIUS	:	.365	.242	.240
MEAN RADIUS	:	1.167	1.100	1.020
MAX RADIUS	:	1.693	1.444	1.573
HORIZONTAL SPREAD	:	3.083	2.533	2.533
VERTICAL SPREAD	:	2.054	2.054	2.054
EXTREME SPREAD	:	3.181	2.789	2.548
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.909

VS= 2.308

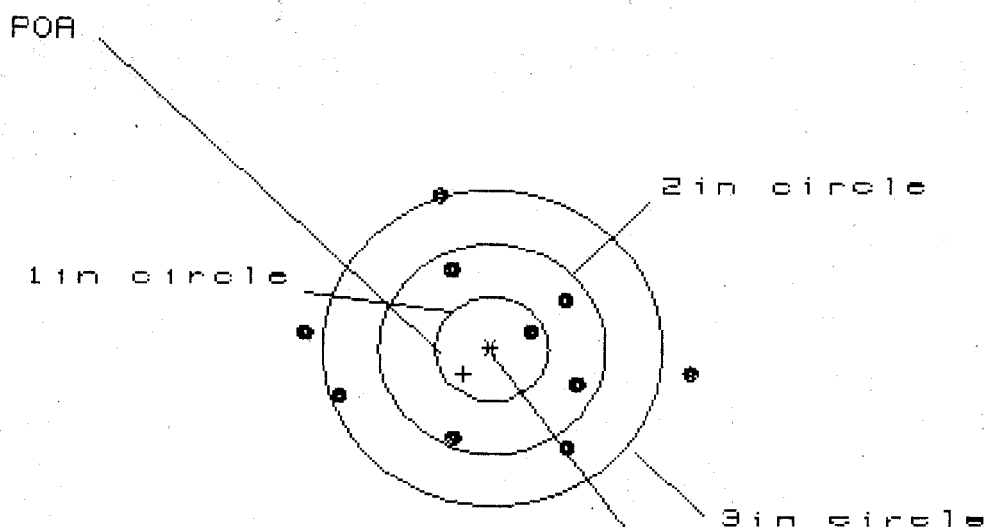
GS= 2.667

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.564	.615
MINIMUM X	:	-1.210	-.801	-.750
MAXIMUM Y	:	.974	.875	.696
MINIMUM Y	:	-1.334	-1.433	-1.284
CENTROID X	:	-.547	-.412	-.463
CENTROID Y	:	-.391	-.292	-.113
POA TO CENTROID in.	:	.672	.505	.477
MIN RADIUS	:	.274	.149	.303
MEAN RADIUS	:	.919	.828	.732
MAX RADIUS	:	1.501	1.489	1.398
HORIZONTAL SPREAD	:	1.909	1.365	1.365
VERTICAL SPREAD	:	2.308	2.308	1.980
EXTREME SPREAD	:	2.667	2.523	2.294
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.360

VS= 2.324

GS= 3.383

CENTROID #

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.751	.933	.756
MINIMUM X	-1.609	-1.414	-1.347
MAXIMUM Y	1.418	1.390	1.404
MINIMUM Y	-.906	-.934	-.920
CENTROID X	.253	.058	.235
CENTROID Y	.240	.268	.254
POA TO CENTROID in.	.349	.275	.346
MIN RADIUS	.353	.532	.365
MEAN RADIUS	1.114	1.053	.972
MAX RADIUS	1.769	1.419	1.459
HORIZONTAL SPREAD	3.360	2.347	2.103
VERTICAL SPREAD	2.324	2.324	2.324
EXTREME SPREAD	3.383	2.546	2.546
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	