

05594592

MODEL 760™ M24

Model **SMS**™

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: RE00144827

Serial: C6594590 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:09 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	Frt and Rear Sgt Base	1

naglatj

4/24/2008

12:25 PM

NUM



Serial Number:

C6594590

Model: M24 SWS



RE00144827

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594590.__0
FILE DATE AND TIME: 05/28/2008 05:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.035
The Average Y Centroid of the Five Target Set:	0.052
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.840
The Distance from POA to Centroid Target #1:	0.418
The Distance from Centroid Target #2 to Centroid Target #1:	0.367
The Distance from Centroid Target #3 to Centroid Target #1:	0.442
The Distance from Centroid Target #4 to Centroid Target #1:	0.541
The Distance from Centroid Target #5 to Centroid Target #1:	0.546

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 1

FILE DATE: 05/28/2008

FILE TIME: 05:36

POINT#	X	Y
1:	-0.161	-1.156
2:	-0.296	-0.787
3:	0.509	-0.326
4:	0.124	-0.255
5:	0.358	-0.286
6:	-0.061	0.109
7:	-0.170	0.700
8:	-0.173	0.839
9:	-0.138	1.061
10:	0.146	4.277

X CENTROID: 0.014

Y CENTROID: 0.418

POA TO CENTROID: 0.418

HORZ SPREAD: 0.805

VERT SPREAD: 5.433

GROUP SPREAD: 5.442

MIN RADIUS: 0.318

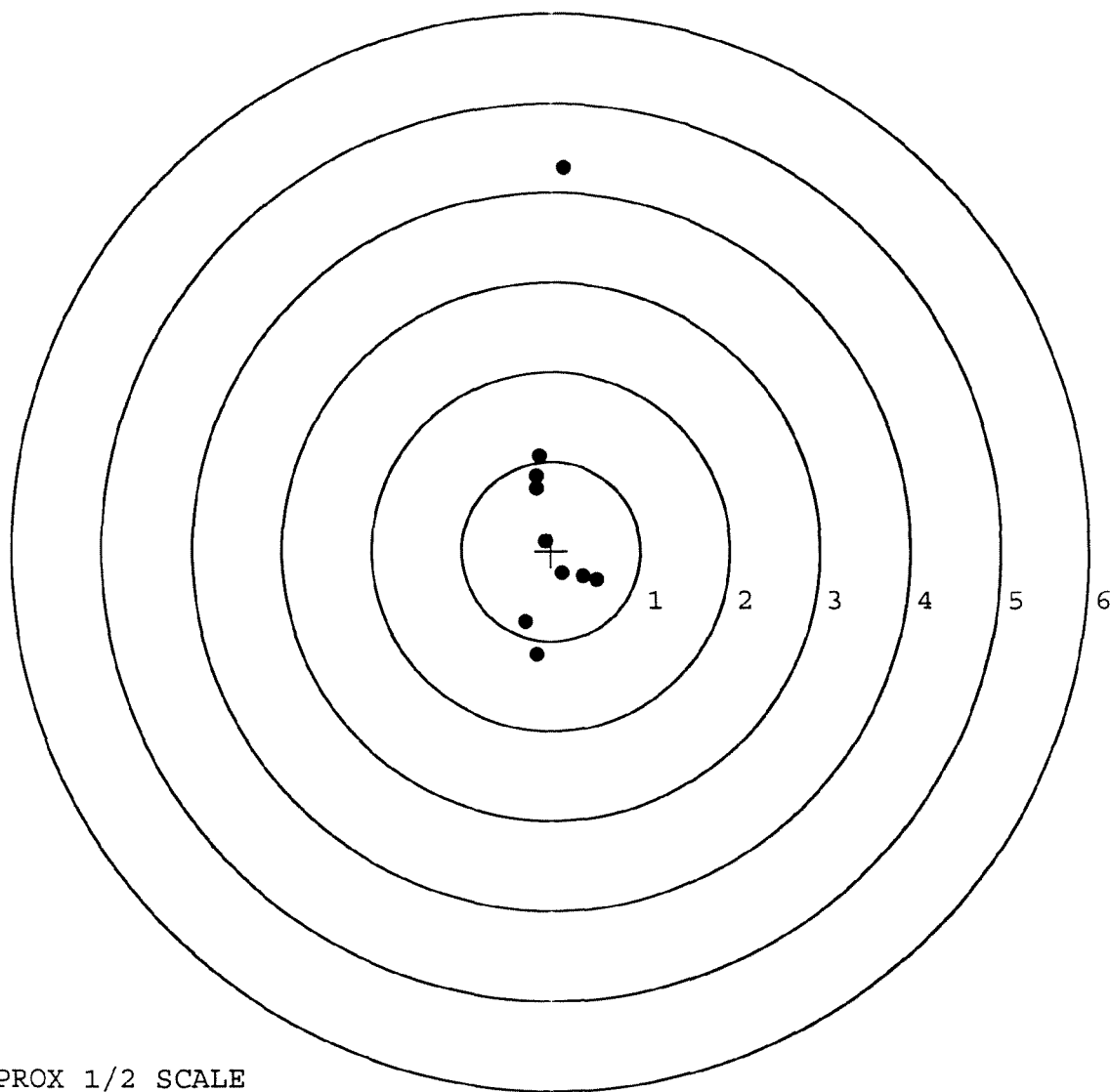
MAX RADIUS: 3.862

MEAN RADIUS: 1.082

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 2

FILE DATE: 05/28/2008

FILE TIME: 05:36

POINT#	X	Y
1:	0.634	0.363
2:	0.789	-0.052
3:	0.400	-0.284
4:	0.073	-0.767
5:	-0.911	-0.980
6:	-1.357	-0.569
7:	-0.729	0.088
8:	-0.481	0.209
9:	0.085	0.990
10:	-0.430	2.140

X CENTROID: -0.193

Y CENTROID: 0.114

POA TO CENTROID: 0.224

HORZ SPREAD: 2.146

VERT SPREAD: 3.120

GROUP SPREAD: 3.157

MIN RADIUS: 0.304

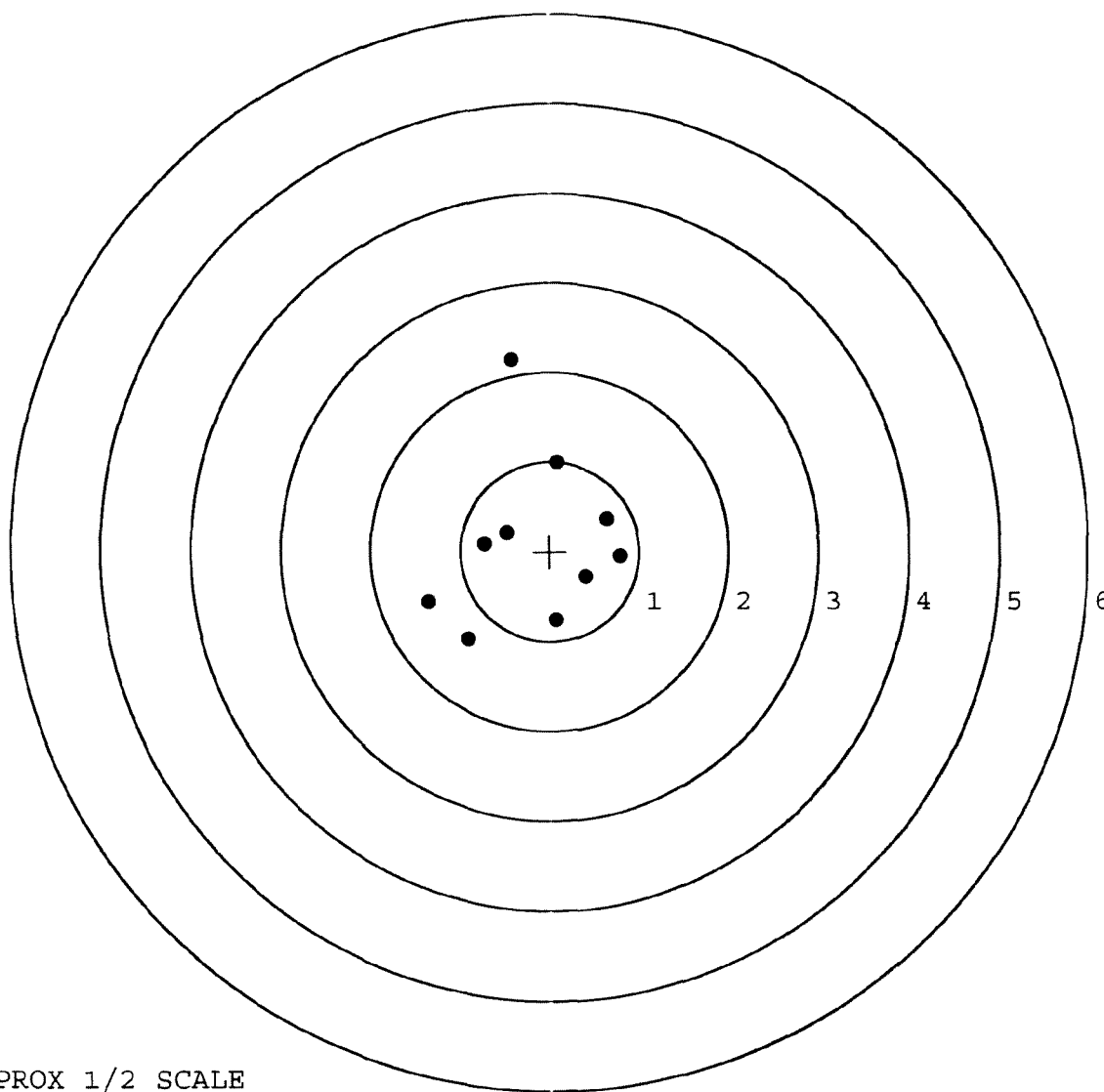
MAX RADIUS: 2.040

MEAN RADIUS: 0.995

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 3

FILE DATE: 05/28/2008

FILE TIME: 05:36

POINT#	X	Y
1:	0.944	-0.881
2:	0.638	-0.395
3:	0.251	-0.891
4:	0.406	0.209
5:	0.017	0.800
6:	-0.090	0.973
7:	-0.588	0.258
8:	-0.491	-0.016
9:	-0.875	0.220
10:	-0.783	-0.465

X CENTROID: -0.057

Y CENTROID: -0.019

POA TO CENTROID: 0.060

HORZ SPREAD: 1.819

VERT SPREAD: 1.864

GROUP SPREAD: 2.126

MIN RADIUS: 0.434

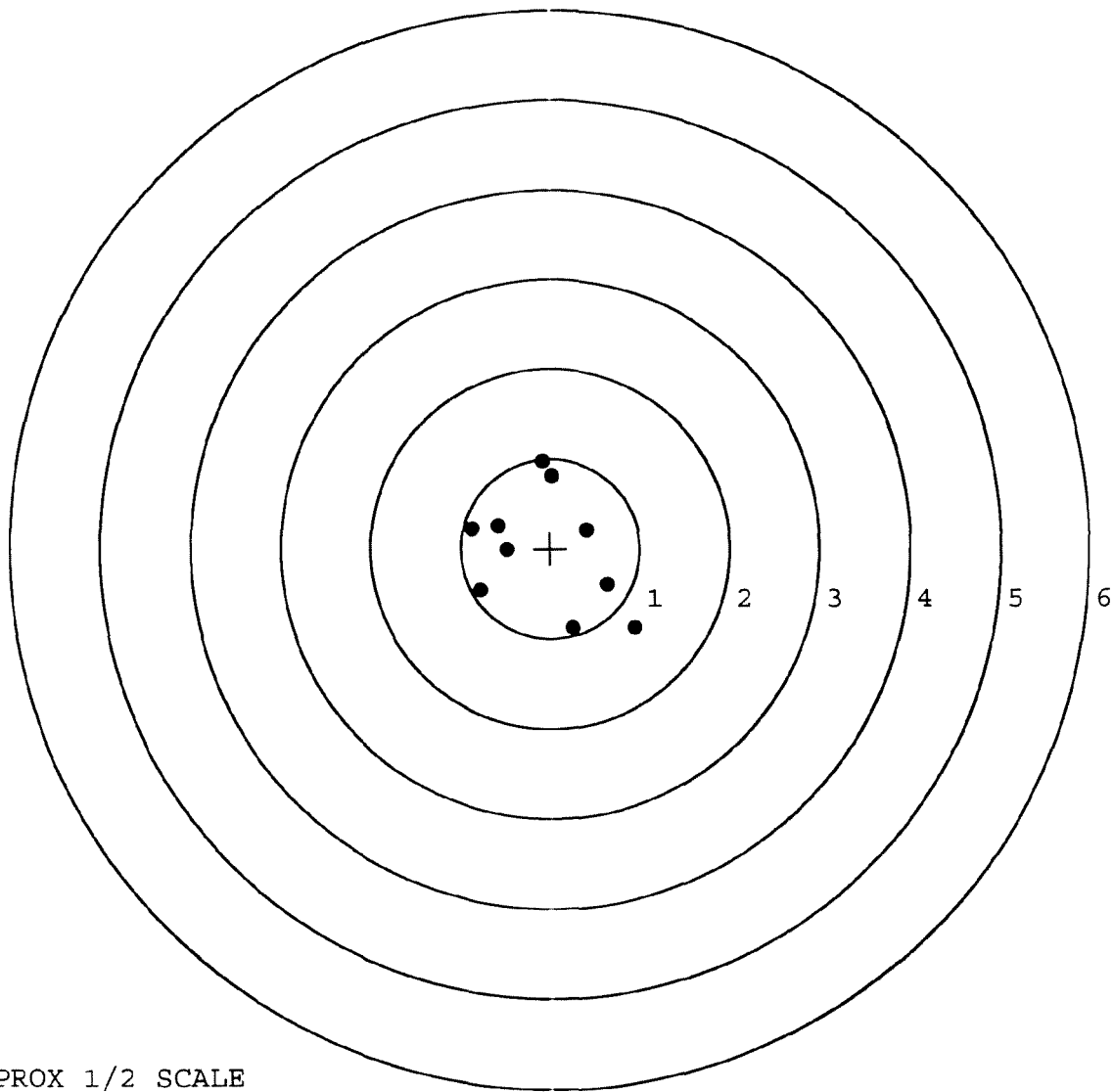
MAX RADIUS: 1.321

MEAN RADIUS: 0.810

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

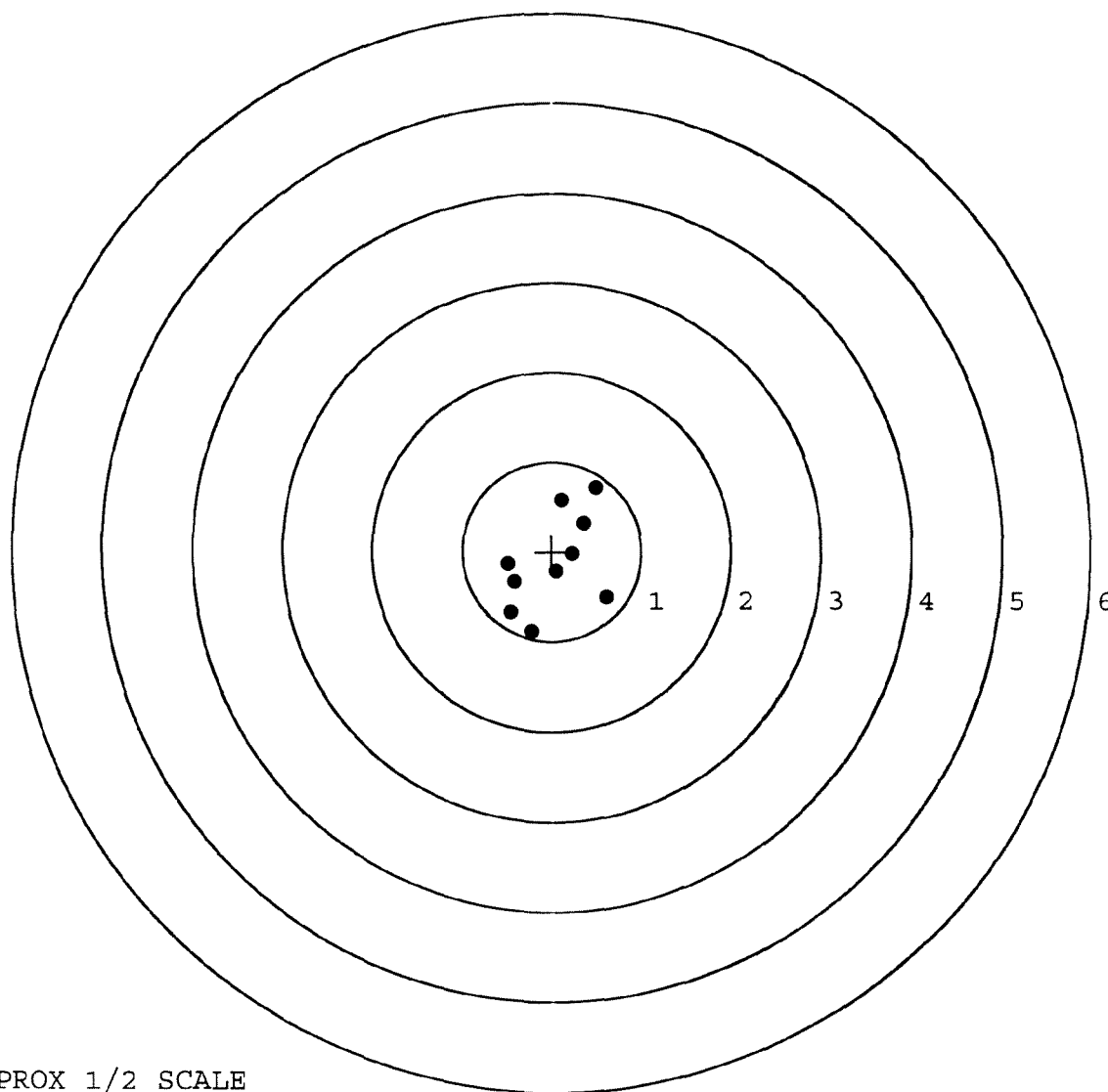


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 4
FILE DATE: 05/28/2008
FILE TIME: 05:36

POINT#	X	Y
1:	0.611	-0.508
2:	0.495	0.712
3:	0.108	0.568
4:	0.354	0.313
5:	0.233	-0.029
6:	0.049	-0.223
7:	-0.228	-0.899
8:	-0.470	-0.684
9:	-0.420	-0.346
10:	-0.496	-0.141

X CENTROID: 0.024
Y CENTROID: -0.124
POA TO CENTROID: 0.126
HORZ SPREAD: 1.107
VERT SPREAD: 1.611
GROUP SPREAD: 1.766
MIN RADIUS: 0.102
MAX RADIUS: 0.959
MEAN RADIUS: 0.582
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

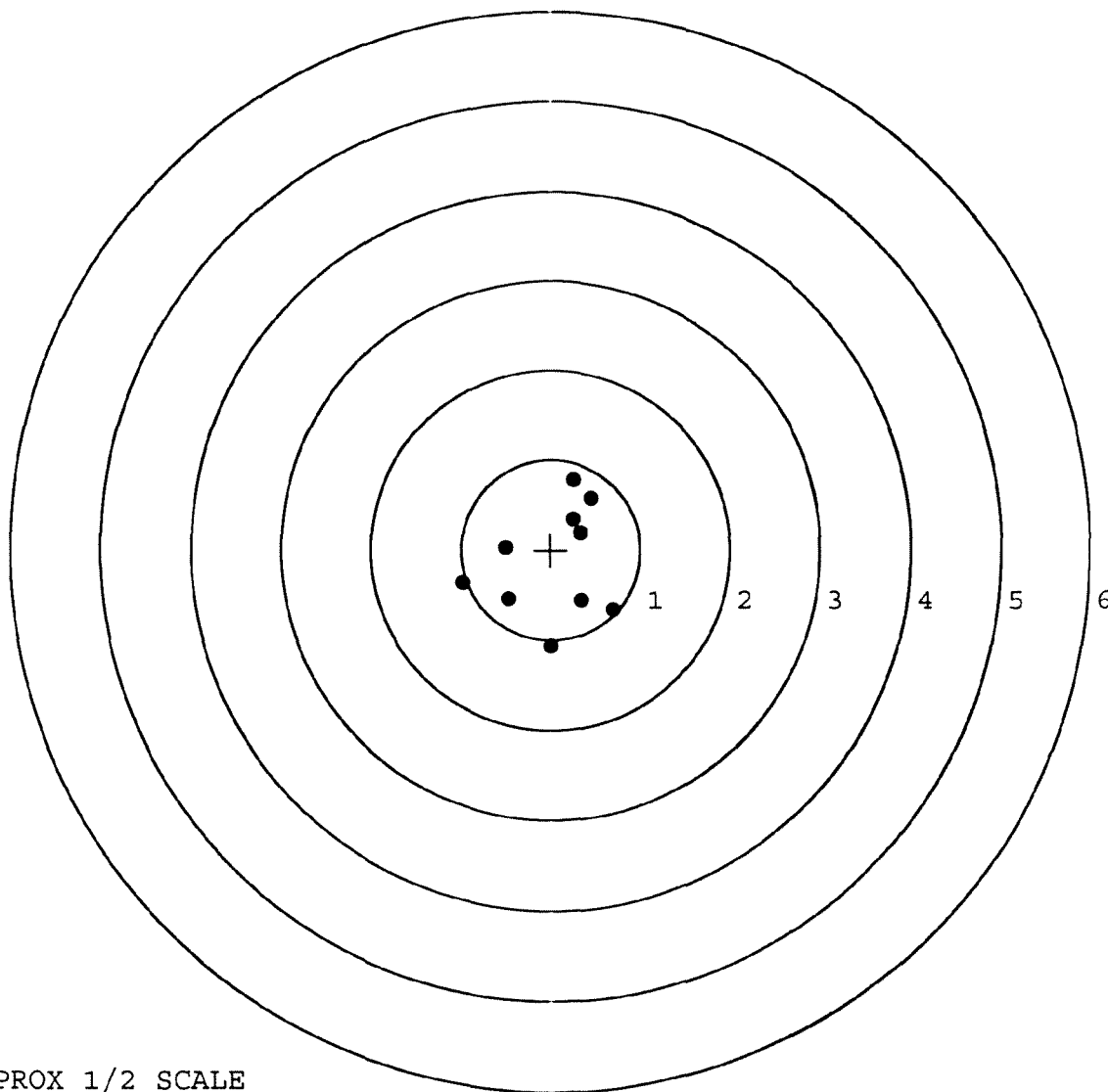


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0
 TARGET NUMBER: 5
 FILE DATE: 05/28/2008
 FILE TIME: 05:36

POINT#	X	Y
1:	0.698	-0.665
2:	0.346	-0.554
3:	0.004	-1.074
4:	-0.479	-0.546
5:	-0.501	0.032
6:	-0.983	-0.371
7:	0.332	0.192
8:	0.251	0.346
9:	0.450	0.578
10:	0.254	0.780

X CENTROID: 0.037
 Y CENTROID: -0.128
 POA TO CENTROID: 0.133
 HORZ SPREAD: 1.681
 VERT SPREAD: 1.854
 GROUP SPREAD: 1.719
 MIN RADIUS: 0.435
 MAX RADIUS: 1.049
 MEAN RADIUS: 0.731
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00144827

SERIAL NUMBER C 6594590

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	J.P.D.
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF		4-30-08	TRW
605	CHECK HEADSPACE		4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	J.P.D.
612	MAGNAFLUX	MAGNA - FLUX MAY 01 2008 OPERATOR <u>[Signature]</u>	5/1/08	<u>[Signature]</u>
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	DX
620	APPLY COATINGS		5-5-08	W
625	FINAL ASSEMBLY		5-27-08	RJZ
640	FUNCTION TEST AND	PASS FAIL	5-27-08	R.P.
650	TARGET	PASS FAIL	5-27-08	R.P.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5/28/08	FM
	A) HEADSPACE	PASS FAIL	5/28/08	FM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.78 2.64 2.62 2.62 2.63	5/28/08 FM
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4- 4- 4-	5/28/08 FM
	G) SAFETY OFF FORCE	2 LBS FAIL	2- 2- 2-	5/28/08 FM
	I) FIRING PIN INDENT	.020	.021 .021 .021	5/28/08 FM
690	PACK		5/29/08	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: **RE00092905** Serial: C6594590 Model: M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 03/19/1991

Repairman: [] Status: Closed 2/10/2005 11:39:14 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: []

City: **ANNISTON** **ANNISTON**

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

FHL: [] [] [] [] [] [] [] []

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	Frt and Rear Sgt Base	1

Repair Search Refresh Close

start 5 2 4 Arms Services

Serial Number: **C6594590**
 Model: **M24 SWS**

RE00092905

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594590.__0
FILE DATE AND TIME: 07/08/2005 06:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.928
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.429
The Distance from Centroid Target #3 to Centroid Target #1:	0.314
The Distance from Centroid Target #4 to Centroid Target #1:	0.348
The Distance from Centroid Target #5 to Centroid Target #1:	0.413

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 1

FILE DATE: 07/08/2005

FILE TIME: 06:45

X CENTROID: 0.154

Y CENTROID: -0.085

POA TO CENTROID: 0.176

HORZ SPREAD: 2.065

VERT SPREAD: 1.891

GROUP SPREAD: 2.618

MIN RADIUS: 0.312

MAX RADIUS: 1.383

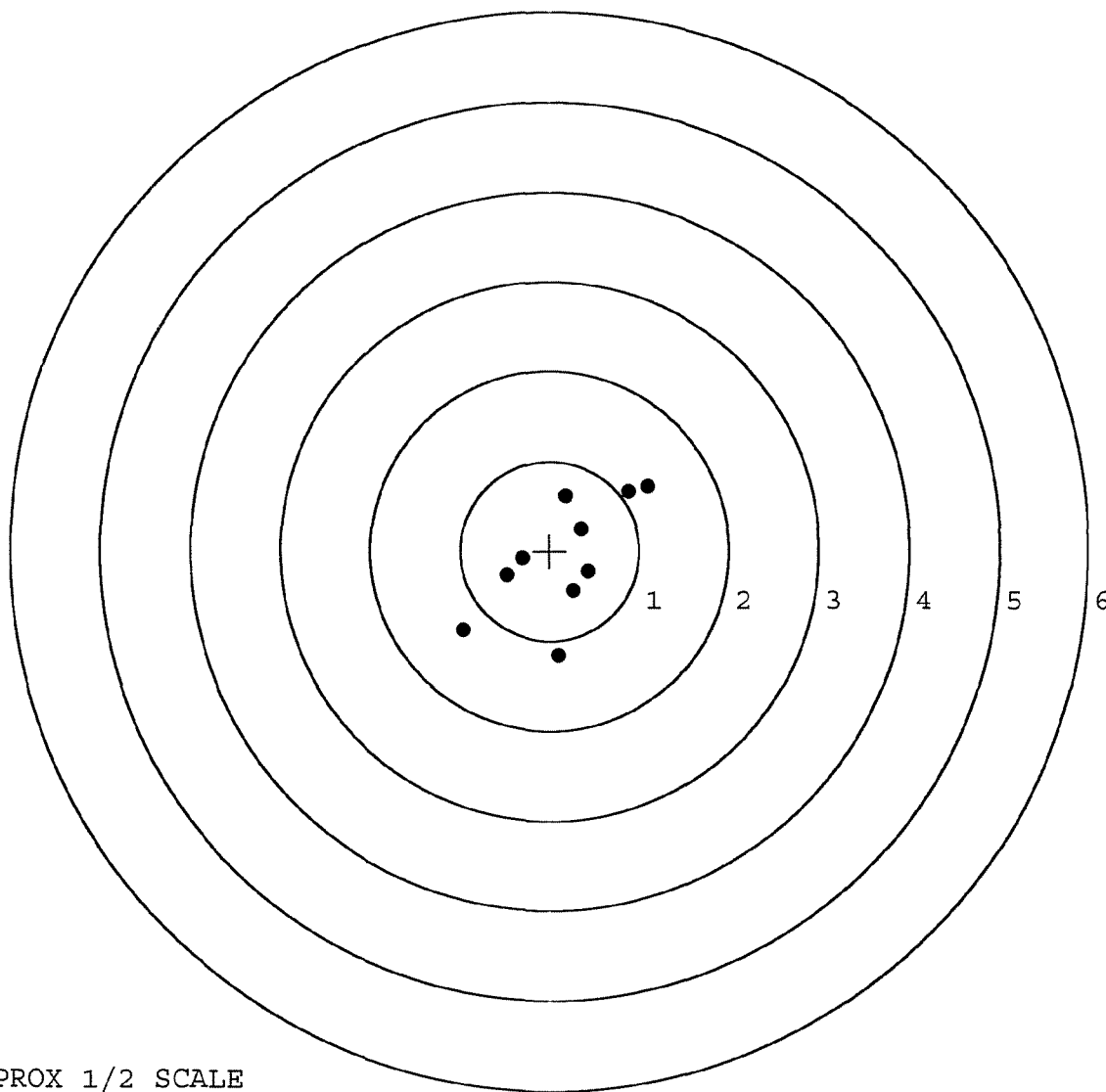
MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.095	0.719
2:	0.876	0.666
3:	0.432	-0.227
4:	0.263	-0.443
5:	0.360	0.241
6:	0.180	0.618
7:	0.099	-1.172
8:	-0.311	-0.087
9:	-0.485	-0.274
10:	-0.970	-0.891



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 2

FILE DATE: 07/08/2005

FILE TIME: 06:45

X CENTROID: -0.176

Y CENTROID: 0.190

POA TO CENTROID: 0.259

HORZ SPREAD: 2.911

VERT SPREAD: 3.431

GROUP SPREAD: 4.432

MIN RADIUS: 0.308

MAX RADIUS: 2.463

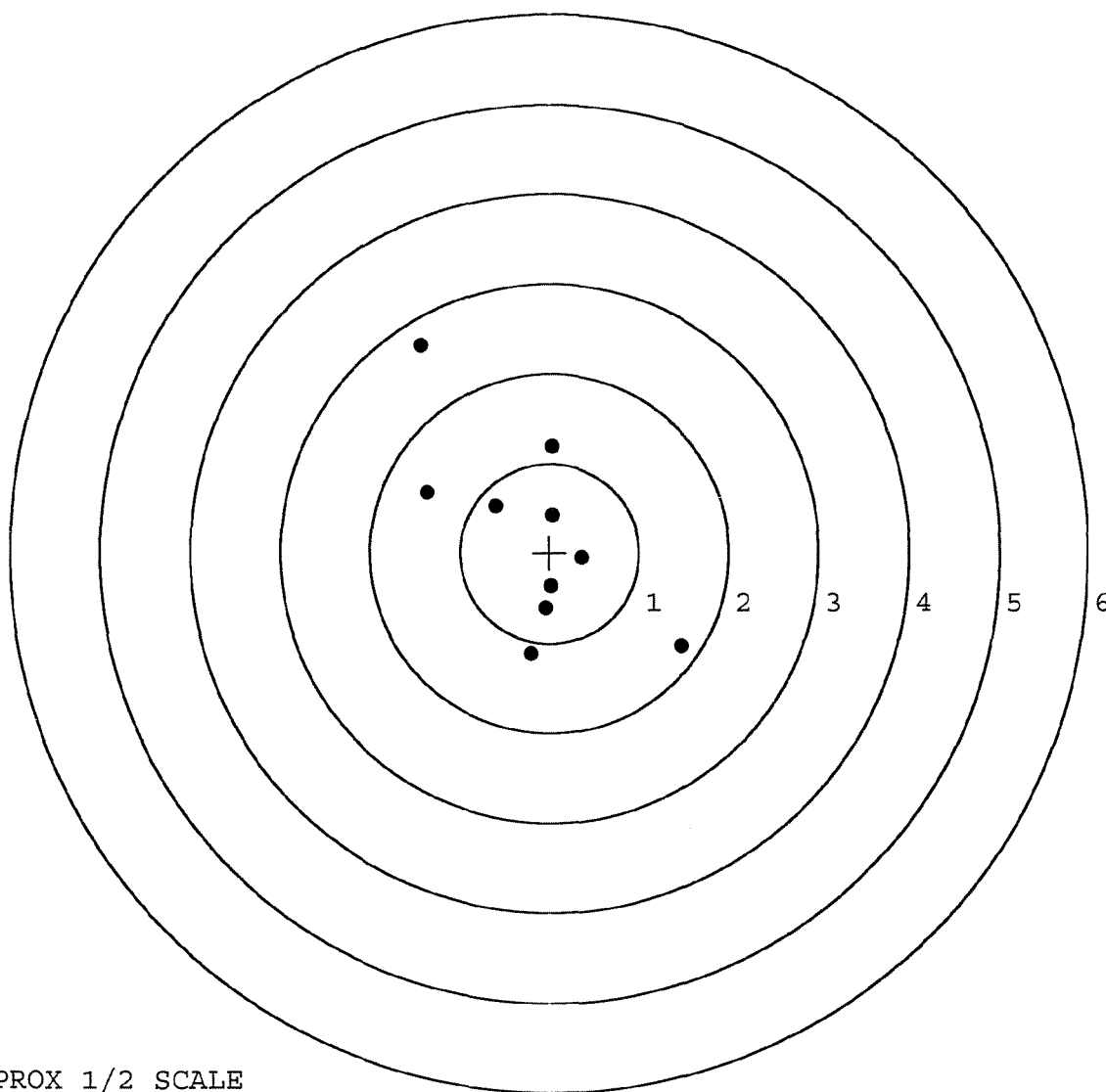
MEAN RADIUS: 1.101

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.476	-1.035
2:	0.364	-0.055
3:	0.015	-0.379
4:	-0.052	-0.615
5:	-0.207	-1.124
6:	0.032	0.418
7:	0.032	1.188
8:	-0.612	0.522
9:	-1.370	0.673
10:	-1.435	2.307



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 3

FILE DATE: 07/08/2005

FILE TIME: 06:45

X CENTROID: 0.263

Y CENTROID: 0.209

POA TO CENTROID: 0.336

HORZ SPREAD: 3.030

VERT SPREAD: 2.939

GROUP SPREAD: 3.198

MIN RADIUS: 0.595

MAX RADIUS: 1.761

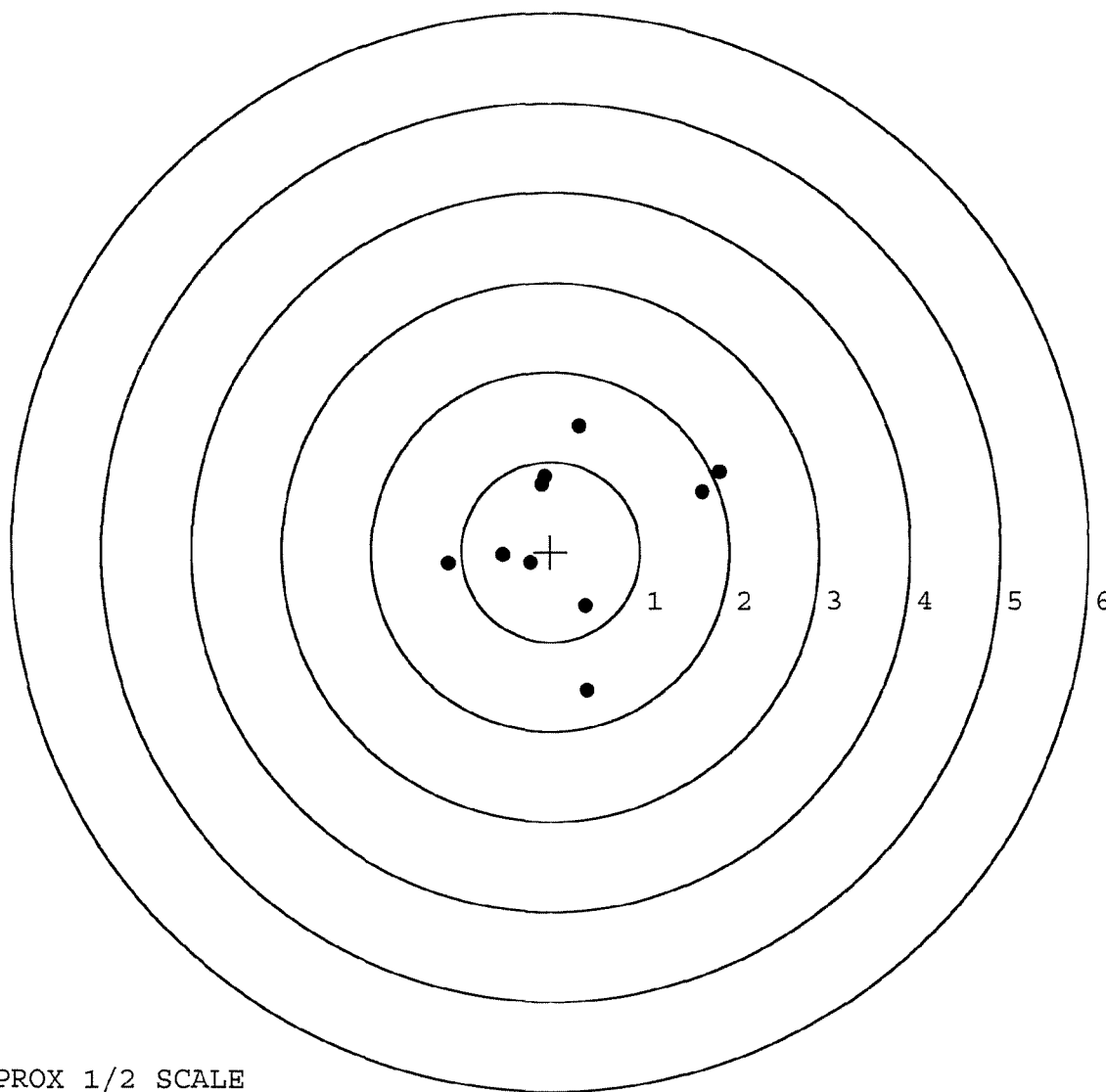
MEAN RADIUS: 1.128

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.888	0.886
2:	1.698	0.665
3:	0.409	-1.540
4:	0.389	-0.604
5:	-0.233	-0.121
6:	-0.539	-0.046
7:	-1.142	-0.136
8:	-0.101	0.752
9:	-0.070	0.836
10:	0.326	1.399



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 4

FILE DATE: 07/08/2005

FILE TIME: 06:45

POINT#	X	Y
1:	1.075	1.001
2:	0.603	-0.124
3:	0.297	0.514
4:	-0.075	0.469
5:	-0.411	0.638
6:	-0.046	-0.725
7:	-0.247	-0.812
8:	-0.297	-0.448
9:	-0.755	-0.439
10:	-1.973	-0.058

X CENTROID: -0.183

Y CENTROID: 0.002

POA TO CENTROID: 0.183

HORZ SPREAD: 3.048

VERT SPREAD: 1.813

GROUP SPREAD: 3.227

MIN RADIUS: 0.464

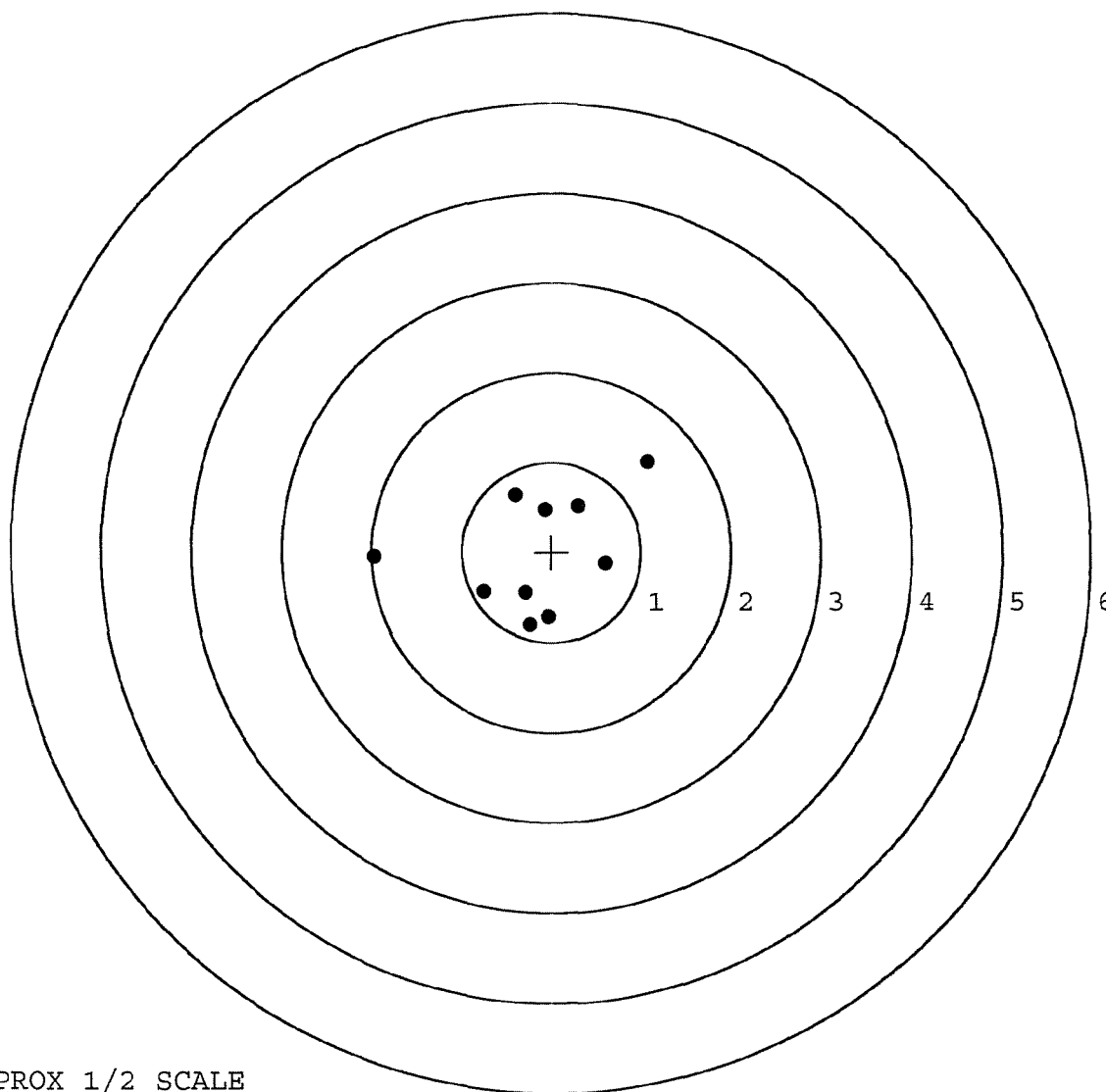
MAX RADIUS: 1.791

MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

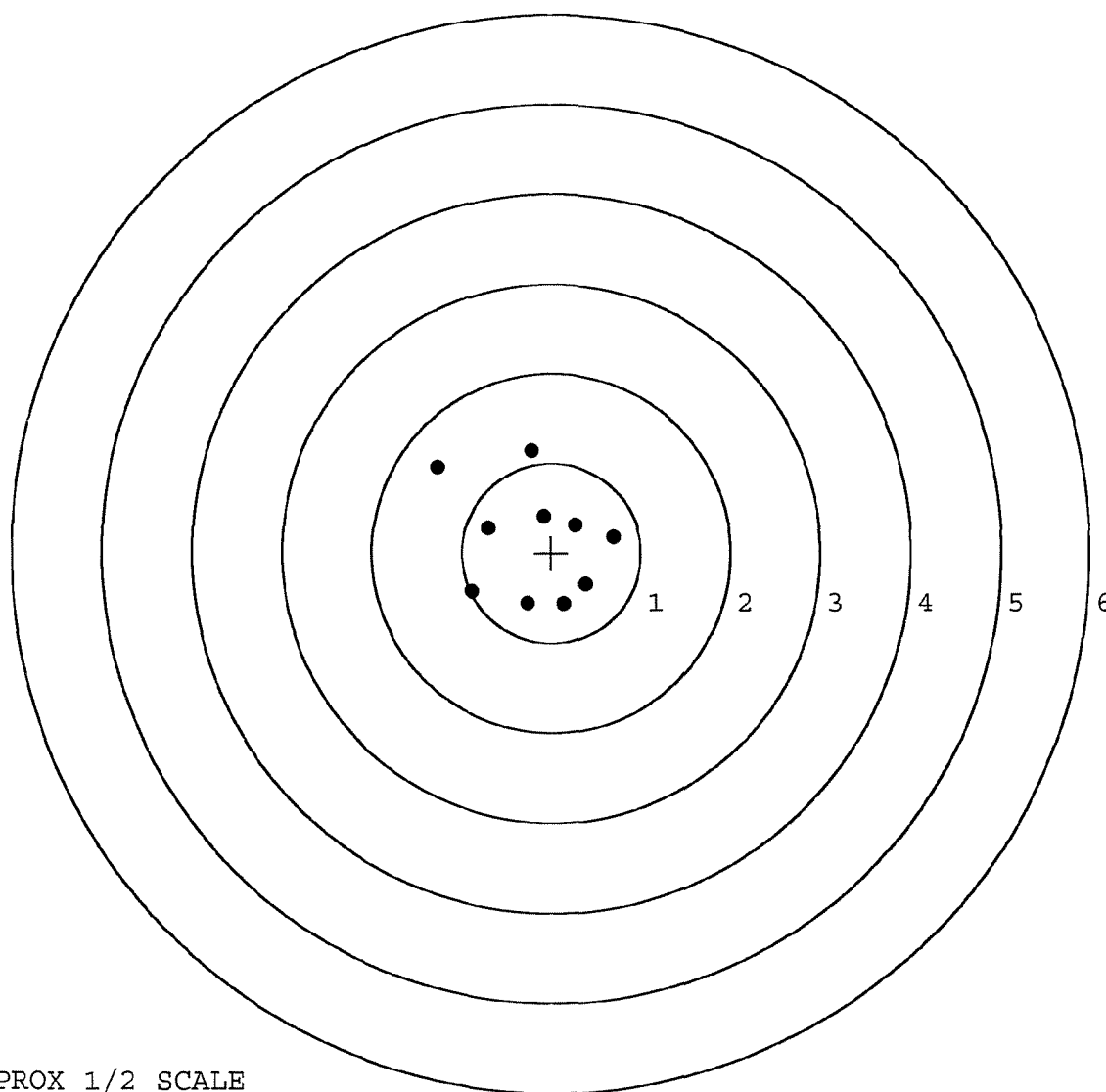


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 5
FILE DATE: 07/08/2005
FILE TIME: 06:45

X CENTROID: -0.196
Y CENTROID: 0.134
POA TO CENTROID: 0.238
HORZ SPREAD: 1.970
VERT SPREAD: 1.706
GROUP SPREAD: 2.115
MIN RADIUS: 0.289
MAX RADIUS: 1.349
MEAN RADIUS: 0.768
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.700	0.181
2:	0.381	-0.351
3:	0.139	-0.572
4:	-0.272	-0.562
5:	0.261	0.307
6:	-0.091	0.403
7:	-0.703	0.280
8:	-0.887	-0.430
9:	-1.270	0.950
10:	-0.220	1.134



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R. & E NUMBER	92905		
SERIAL NUMBER	C6594590		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-1-05	RTZ
560 A	RE-BARREL	6-6-05	RTZ
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTZ
600	PROOF	6-11-05	AC
605	CHECK HEADSPACE	6-17-05	AC
610	DIS-ASSEMBLE GUN	6-17-05	RTZ
612	MAGNAFLUX	6/9/05	Wend
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	W
625 A	FINAL ASSEMBLY	6-30-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-9-05	AC
D	SAFETY "OFF" FORCE	8-9-05	AC
E	FIRING PIN INDENT	8-9-05	AC
640	TARGET	7-8-05	AC
655	FINAL INSPECT	8-9-05	AC
660	PACK	9-15-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

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

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

MODEL 700™ M24

SERIAL NO.
06594590

ORDER NO.
5716

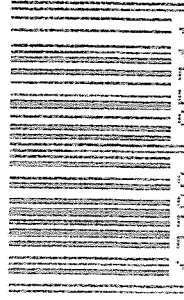
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5716 06594590

LPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594590

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228 90		RW
600	Proof	1228 90		RW
607	Check Headspace	1228 90		RW
610	Dis-assemble Gun	1228 90		RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		11	Y.S.
617	Drill and Tap Sight Holes	1 10 91		KB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-13-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/28/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	4			1/28/91	WB
	G) Safety Off Force	2	2	2			1/28/91	WB
	H) Trigger Pull Test & Retainability						1/28/91	JF
	I) Firing Pin Indent	.0215	.0215	.0215			1/28/91	WB
	J) Assemble Stock						1/29/91	RW
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/29/91	RW
	M) Iron Sight Alignment						1/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	RW
	O) Attach Scope to Rifle						1/29/91	RW
	P) Detach & Attach Scope 20 Times						1/29/91	RW
640	Gallery Target & Test						1-30-91	DH
	A) Time						1-30-91	DH
	B) Malfunctions						1-30-91	DH
	C) Pierced Primers						1-30-91	DH
	D) Optical Clarity of Scope						1-30-91	DH
645	Inspect for Live Ammo						1-30-91	DH
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2.40	2.41	2.40	2.40	2.28	2-4-91	JF
	C) Function						2-4-91	AC
660	Pack						3-15-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6594590

DATE 1-28-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.25	2.38	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.20	2.38	2.41	
PULL #3	2.29	2.25	2.38	2.40	
PULL #4	2.21	2.20	2.33	2.40	
PULL #5	2.25	2.20	2.32	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.32		
PULL #2	3.41	3.38		
PULL #3	3.37	3.27		
PULL #4	3.34	3.30		
PULL #5	3.30	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.33		4.38
PULL #2	4.24	4.04		4.32
PULL #3	4.26	4.30		4.32
PULL #4	4.29	4.30		4.35
PULL #5	4.29	4.30		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594590
30 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.148946
1 TO	2	.145121
1 TO	3	.343022
1 TO	4	.289558
1 TO	5	.153209

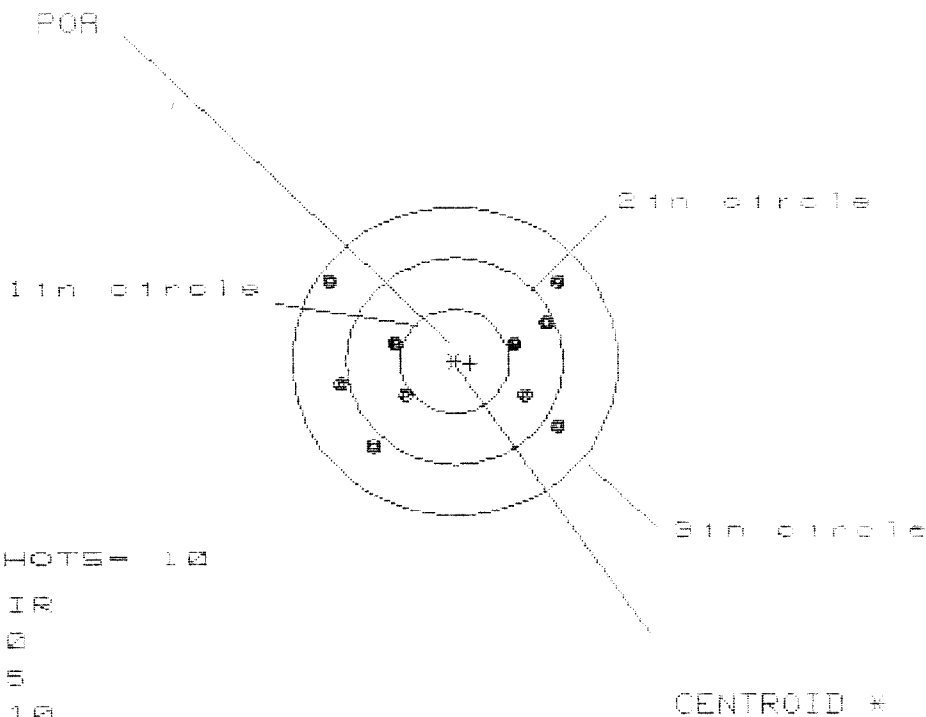
544 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0876
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112634
THE AMR FOR THIS RIFLE IS: .875

30 Jan 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08594590

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.099

VS= 1.592

GS= 2.533

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.968	.843	.944
MINIMUM X	-1.125	-1.159	-1.058
MAXIMUM Y	.790	.877	.526
MINIMUM Y	-.802	-.715	-.605
CENTROID X	-.147	-.022	-.123
CENTROID Y	.024	-.063	-.173
POR TO CENTROID in.	.149	.067	.212
MIN RADIUS	.588	.530	.533
MEAN RADIUS	.933	.872	.827
MAX RADIUS	1.371	1.195	1.058
HORIZONTAL SPREAD	2.093	2.002	2.002
VERTICAL SPREAD	1.592	1.592	1.131
EXTREME SPREAD	2.533	2.308	2.056
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

38 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594590

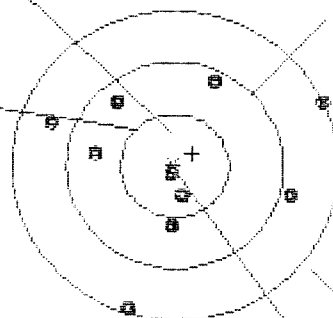
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.588

VS= 2.131

GS= 2.693

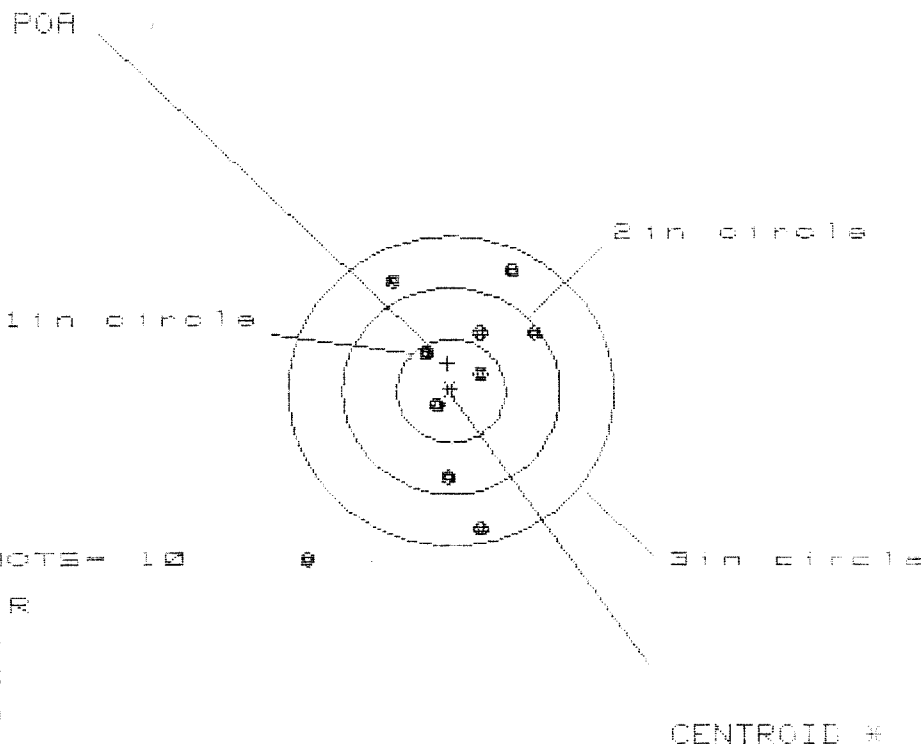
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.191	1.159
MINIMUM X	:	-1.183	-1.027	-1.058
MAXIMUM Y	:	.791	.863	.705
MINIMUM Y	:	-1.340	-1.268	-1.635
CENTROID X	:	-.165	-.321	-.289
CENTROID Y	:	-.120	-.192	-.033
POA TO CENTROID in.	:	.204	.374	.291
MIN RADIUS	:	.093	.127	.198
MEAN RADIUS	:	.873	.785	.728
MAX RADIUS	:	1.547	1.293	1.225
HORIZONTAL SPREAD	:	2.588	2.218	2.218
VERTICAL SPREAD	:	2.131	2.131	1.339
EXTREME SPREAD	:	2.693	2.342	2.342
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.094

VS= 2.795

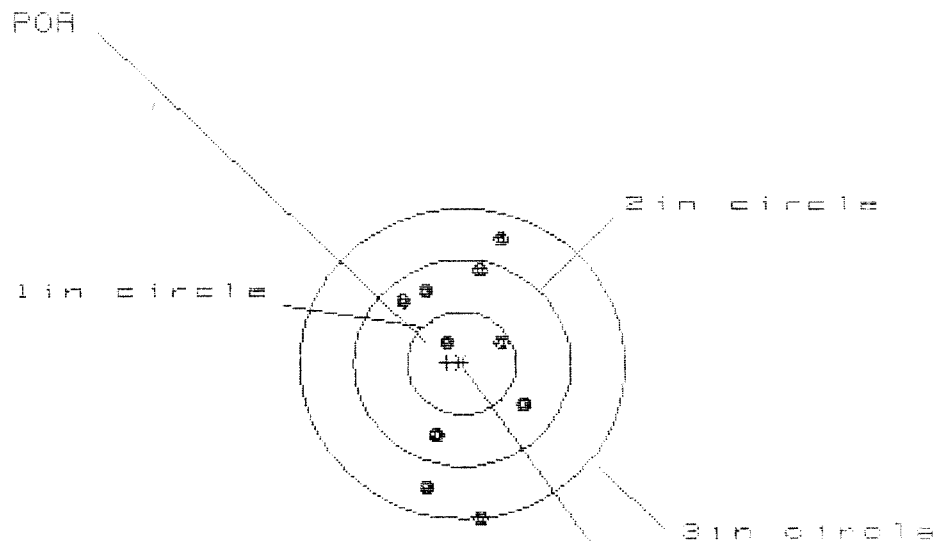
GS= 3.341

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.807	.664	.680
MINIMUM X	:	-1.287	-.648	-.632
MAXIMUM Y	:	1.161	.979	.793
MINIMUM Y	:	-1.634	-1.485	-1.246
CENTROID X	:	.033	.176	.160
CENTROID Y	:	-.268	-.086	.100
POR TO CENTROID in.	:	.270	.196	.189
MIN RADIUS	:	.202	.163	.245
MEAN RADIUS	:	.942	.774	.663
MAX RADIUS	:	2.080	1.491	1.251
HORIZONTAL SPREAD	:	2.094	1.312	1.312
VERTICAL SPREAD	:	2.795	2.464	2.039
EXTREME SPREAD	:	3.341	2.529	2.108
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

30 Jan 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.088

VS= 2.676

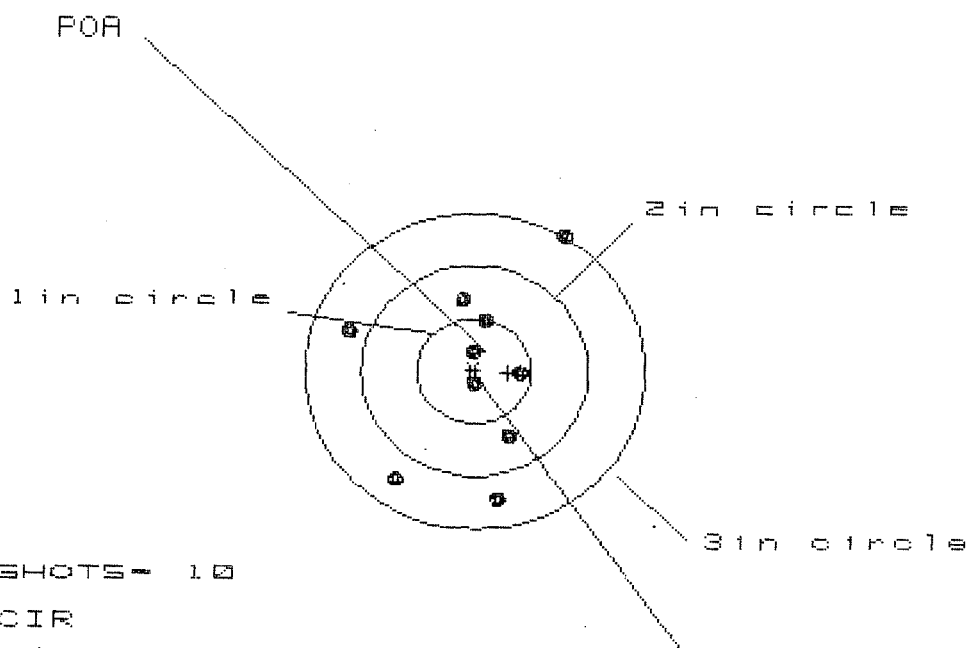
GS= 2.679

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.568
MINIMUM X	-.520
MAXIMUM Y	1.211
MINIMUM Y	-1.465
CENTROID X	.141
CENTROID Y	-.006
POA TO CENTROID in.	.141
MIN RADIUS	.204
MEAN RADIUS	.847
MAX RADIUS	1.477
HORIZONTAL SPREAD	1.088
VERTICAL SPREAD	2.676
EXTREME SPREAD	2.679
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

30 Jan 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.956

VS= 2.555

GS= 2.789

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.838	.514	.553
MINIMUM X	:	-1.118	-1.025	-.986
MAXIMUM Y	:	1.320	.818	.682
MINIMUM Y	:	-1.235	-1.089	-1.021
CENTROID X	:	-.300	-.393	-.432
CENTROID Y	:	.016	-.130	.006
POA TO CENTROID in.	:	.300	.414	.432
MIN RADIUS	:	.112	.119	.182
MEAN RADIUS	:	.780	.712	.642
MAX RADIUS	:	1.563	1.158	1.150
HORIZONTAL SPREAD	:	1.956	1.539	1.539
VERTICAL SPREAD	:	2.555	1.907	1.703
EXTREME SPREAD	:	2.789	2.108	1.781
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	