

C6587656

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: RE00144842

Serial: C6587656 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:55:58 AM

Verify Repair

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

nagletj

4/24/2008

12:26 PM

CAP

NUM

Serial
Number:

C6587656

Model: M24 SWS



RE00144842

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587656.___0
FILE DATE AND TIME: 05/23/2008 05:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.078
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.701
The Distance from POA to Centroid Target #1:	0.277
The Distance from Centroid Target #2 to Centroid Target #1:	0.526
The Distance from Centroid Target #3 to Centroid Target #1:	0.522
The Distance from Centroid Target #4 to Centroid Target #1:	0.371
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: C6587656. __0

TARGET NUMBER: 1

FILE DATE: 05/23/2008

FILE TIME: 05:53

X CENTROID: 0.275

Y CENTROID: -0.031

POA TO CENTROID: 0.277

HORZ SPREAD: 1.742

VERT SPREAD: 1.946

GROUP SPREAD: 2.317

MIN RADIUS: 0.158

MAX RADIUS: 1.478

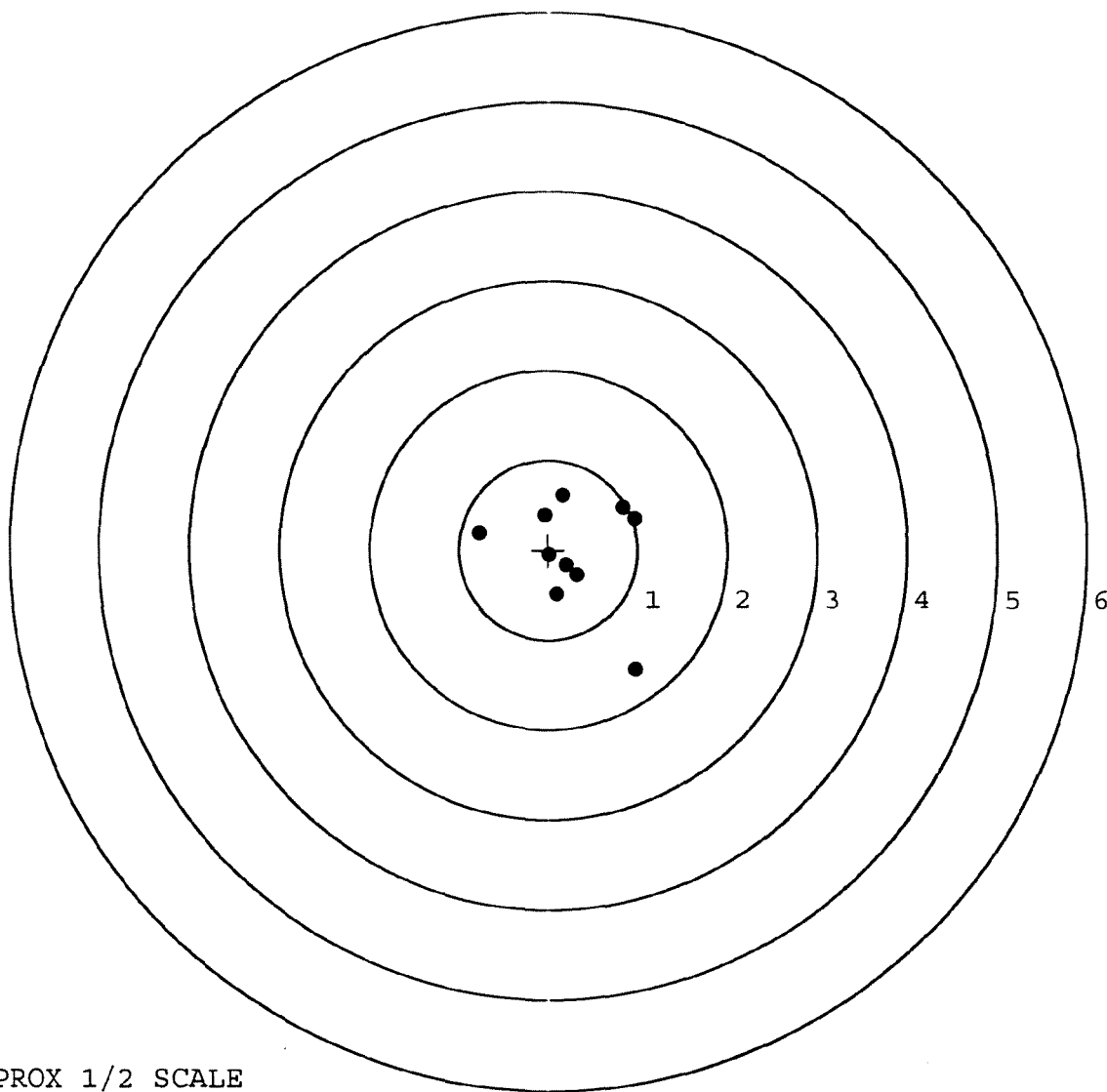
MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.974	-1.334
2:	0.961	0.349
3:	0.837	0.479
4:	0.161	0.612
5:	-0.040	0.393
6:	0.323	-0.281
7:	0.203	-0.172
8:	0.008	-0.052
9:	0.096	-0.498
10:	-0.768	0.193



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0

TARGET NUMBER: 2

FILE DATE: 05/23/2008

FILE TIME: 05:53

X CENTROID: -0.095

Y CENTROID: 0.342

POA TO CENTROID: 0.355

HORZ SPREAD: 0.697

VERT SPREAD: 3.116

GROUP SPREAD: 3.125

MIN RADIUS: 0.147

MAX RADIUS: 1.992

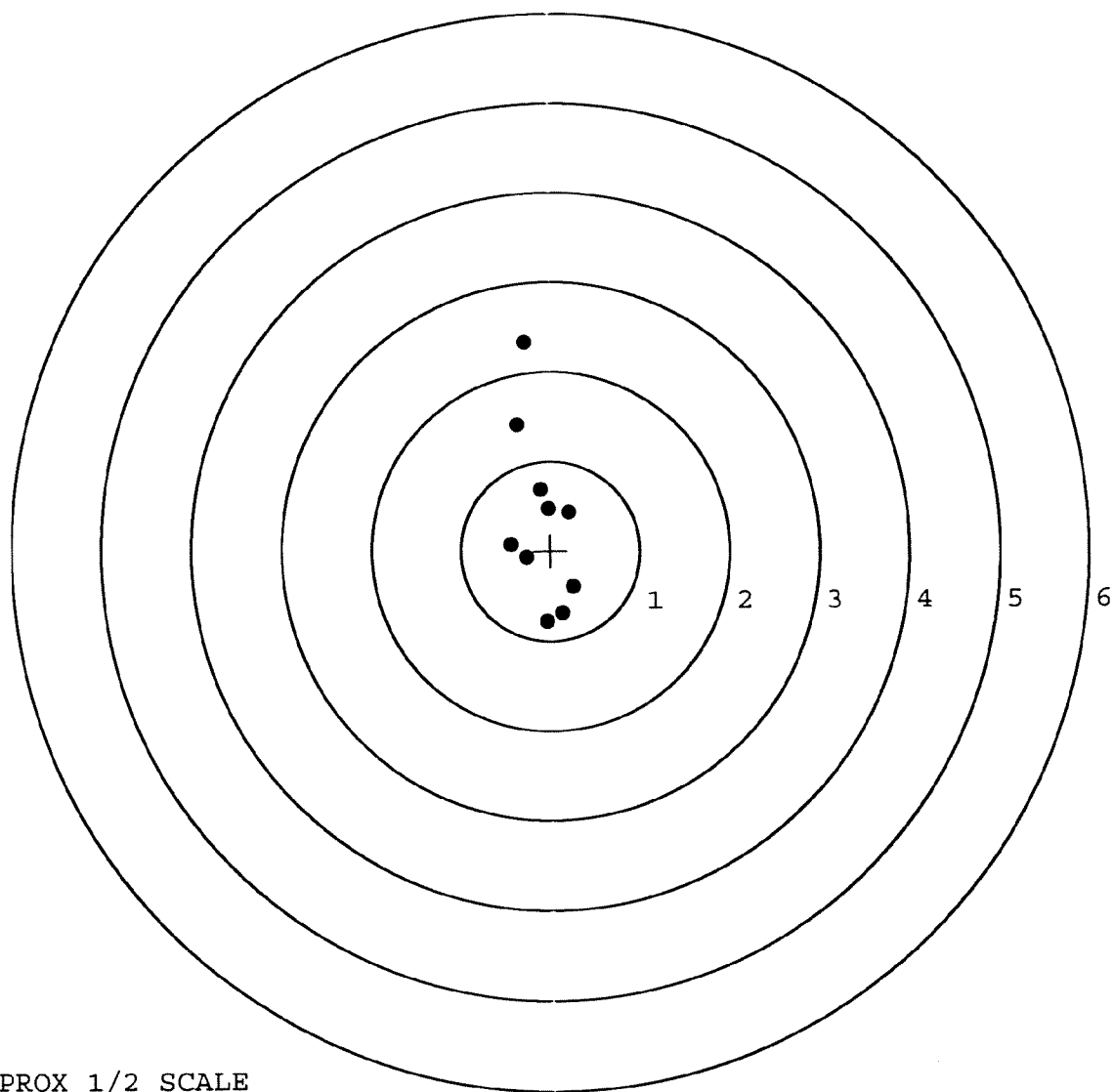
MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.045	-0.791
2:	0.140	-0.697
3:	0.254	-0.400
4:	-0.273	-0.077
5:	-0.443	0.071
6:	0.210	0.431
7:	-0.025	0.472
8:	-0.111	0.686
9:	-0.370	1.404
10:	-0.283	2.325



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0

TARGET NUMBER: 3

FILE DATE: 05/23/2008

FILE TIME: 05:53

POINT#	X	Y
1:	0.488	0.346
2:	0.392	-0.214
3:	0.089	0.140
4:	0.068	-0.469
5:	-0.135	-0.154
6:	-0.103	-0.837
7:	-0.564	-0.092
8:	-0.389	0.428
9:	-0.706	0.682
10:	-1.290	1.632

X CENTROID: -0.215

Y CENTROID: 0.146

POA TO CENTROID: 0.260

HORZ SPREAD: 1.778

VERT SPREAD: 2.469

GROUP SPREAD: 2.740

MIN RADIUS: 0.304

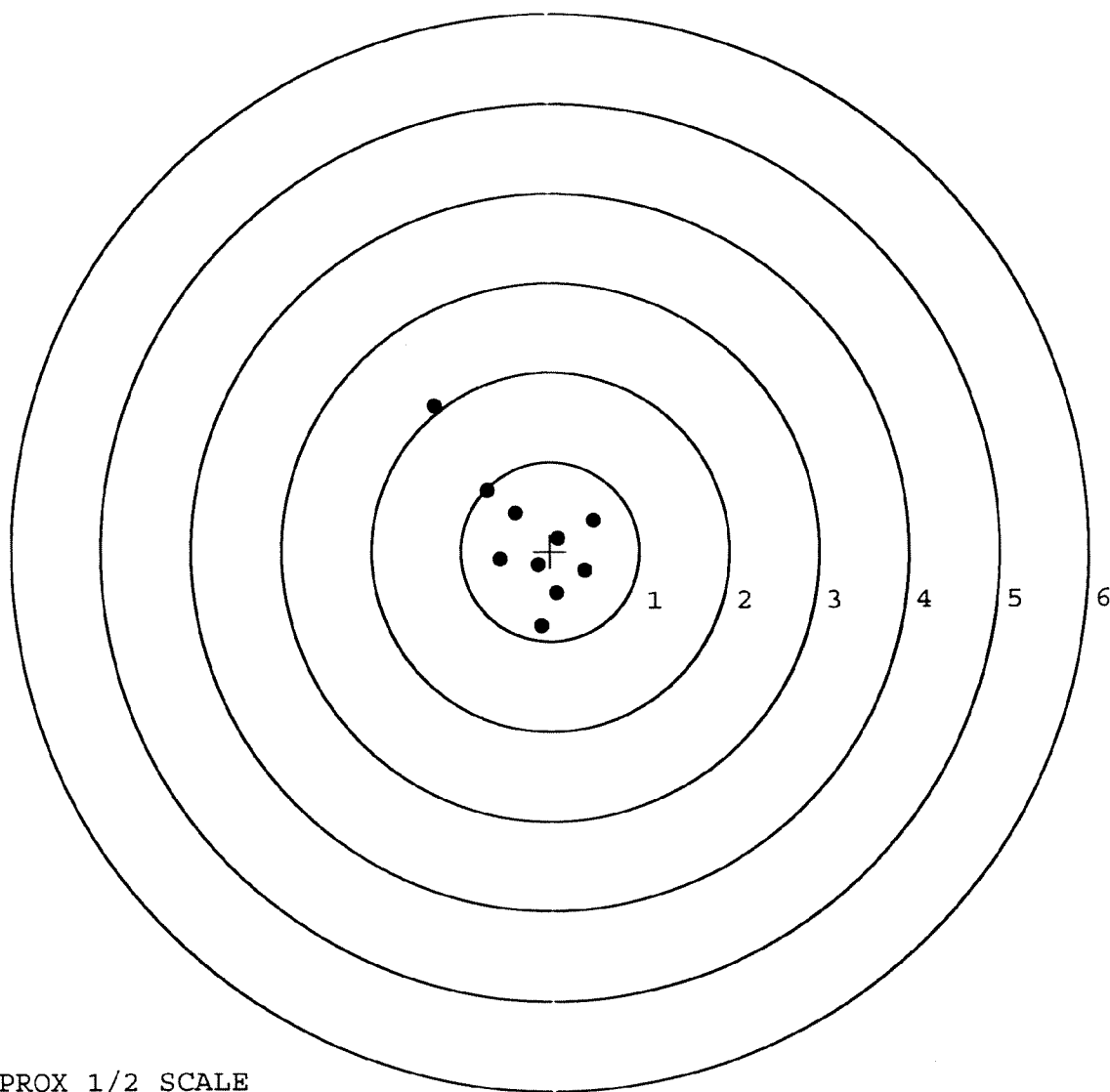
MAX RADIUS: 1.834

MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

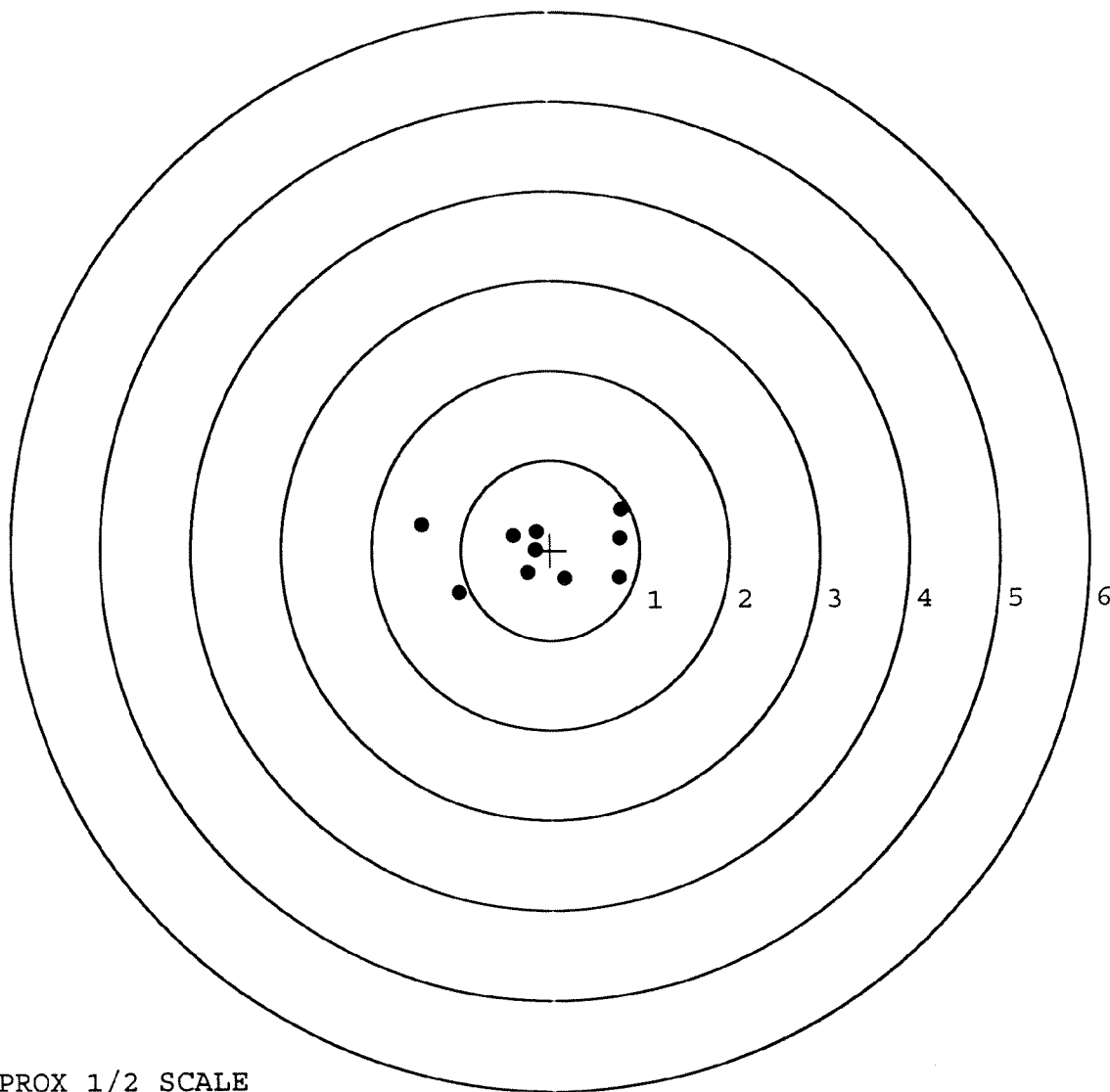


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0
 TARGET NUMBER: 4
 FILE DATE: 05/23/2008
 FILE TIME: 05:53

POINT#	X	Y
1:	0.771	-0.309
2:	0.779	0.133
3:	0.793	0.453
4:	0.165	-0.316
5:	-1.025	-0.471
6:	-1.434	0.288
7:	-0.156	0.211
8:	-0.417	0.161
9:	-0.171	0.004
10:	-0.256	-0.249

X CENTROID: -0.095
 Y CENTROID: -0.009
 POA TO CENTROID: 0.096
 HORZ SPREAD: 2.227
 VERT SPREAD: 0.924
 GROUP SPREAD: 2.284
 MIN RADIUS: 0.077
 MAX RADIUS: 1.372
 MEAN RADIUS: 0.657
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. 0

TARGET NUMBER: 5

FILE DATE: 05/23/2008

FILE TIME: 05:53

POINT#	X	Y
1:	0.794	0.809
2:	0.603	0.143
3:	0.391	-0.079
4:	0.269	-0.612
5:	-0.130	-0.865
6:	-0.348	-1.013
7:	-0.077	-0.071
8:	-0.847	-0.151
9:	-0.157	0.668
10:	-0.572	0.572

X CENTROID: -0.007

Y CENTROID: -0.060

POA TO CENTROID: 0.060

HORZ SPREAD: 1.641

VERT SPREAD: 1.822

GROUP SPREAD: 2.150

MIN RADIUS: 0.070

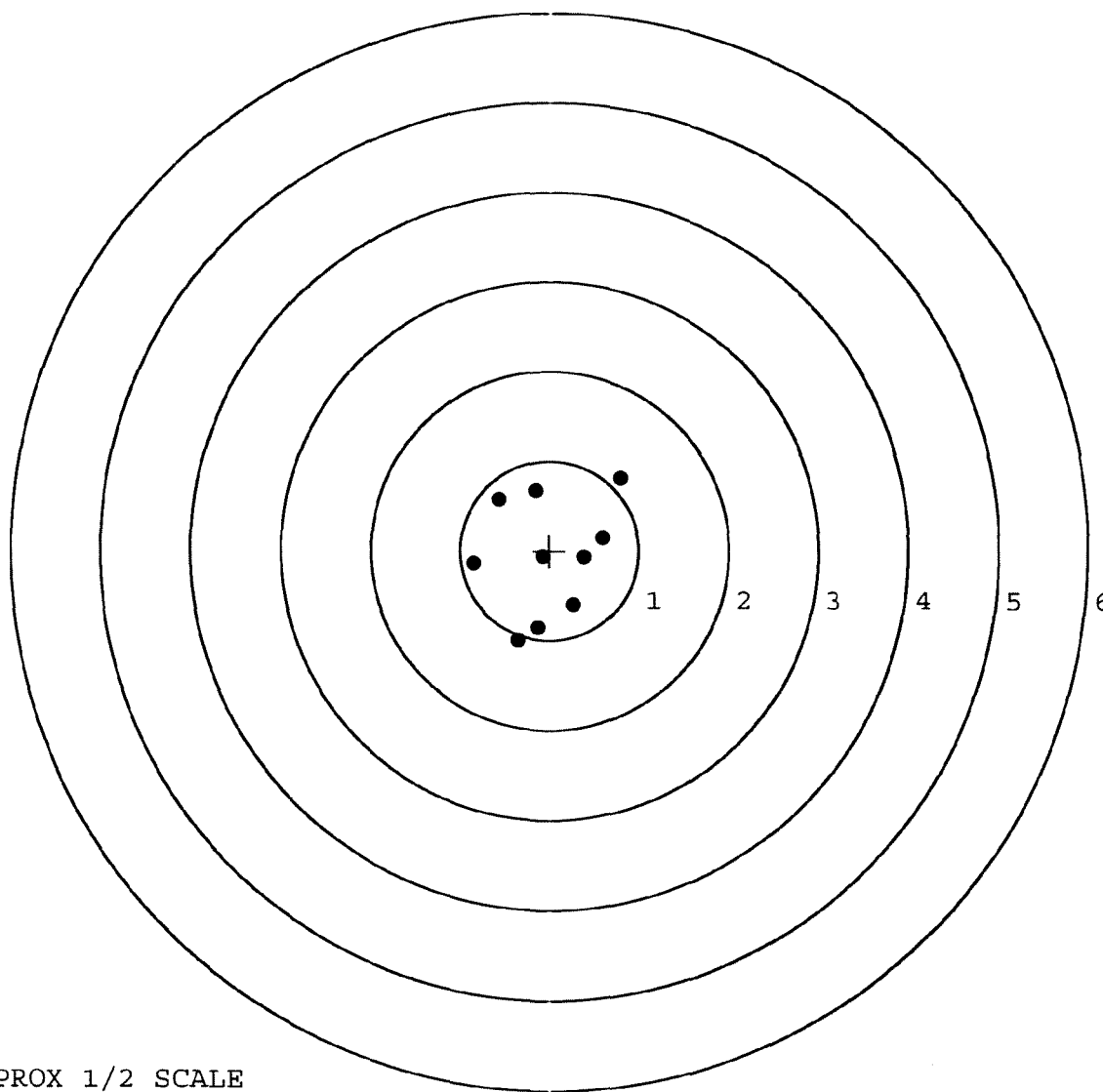
MAX RADIUS: 1.182

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 144842
 SERIAL NUMBER C6587656
 LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-5-08	RTZ
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	5/1/08	CM
625	FINAL ASSEMBLY	5-22-08	RTZ
640	FUNCTION TEST AND	5-22-08	SD
650	TARGET	5-22-08	SD
	MALFUNCTION 24 clicks L	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-27-08	FM
	A) HEADSPACE	5-27-08	FM
	B) TRIGGER PULL	2.81 2.81 2.52 2.78 2.48 5/27/08	FM
680	F) SAFETY ON FORCE	4- 3.5 3.5 5/27/08	FM
	G) SAFETY OFF FORCE	2- 2- 2- 5/27/08	FM
	I) FIRING PIN INDENT	.021 .021 .020 5/27/08	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: **RE00106024** Serial: C6587656 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 1/4/2006 10:25:14 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **CHRIS SHAFFER** **CHRIS SHAFFER**

Address 1: **B CO 210TH BSB** **B CO 210TH BSB**

Address 2: **PO Box** **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: **315-772-7286** Fax: Email: Comments: **REM FILE #004301**

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1

Repair Search Refresh Close

navlat 1/4/2006 12:46 PM CAPS NUM HNS SCPL

start 3 Arms En 3

Serial Number: **C6587656**

Model: **M24 SWS**



RE00106024

DA FORM 2407, JUL 94

7204
7205

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587656.__0
FILE DATE AND TIME: 01/18/2006 13:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	-0.209
The Average Point of Impact of the Five Target Set:	0.210
The Average Mean Radius of the Five Target Set:	0.893
The Distance from POA to Centroid Target #1:	0.086
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.382
The Distance from Centroid Target #4 to Centroid Target #1:	0.858
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

SERIAL NUMBER: C6587656. __0

TARGET NUMBER: 1

FILE DATE: 01/18/2006

FILE TIME: 13:49

POINT#	X	Y
1:	1.653	1.175
2:	-0.631	1.577
3:	-1.527	-0.252
4:	-0.675	-1.286
5:	0.762	-0.542
6:	0.552	-0.151
7:	0.006	0.252
8:	-0.307	0.523
9:	-0.321	-0.234
10:	-0.021	-0.363

X CENTROID: -0.051

Y CENTROID: 0.070

POA TO CENTROID: 0.086

HORZ SPREAD: 3.180

VERT SPREAD: 2.863

GROUP SPREAD: 3.486

MIN RADIUS: 0.191

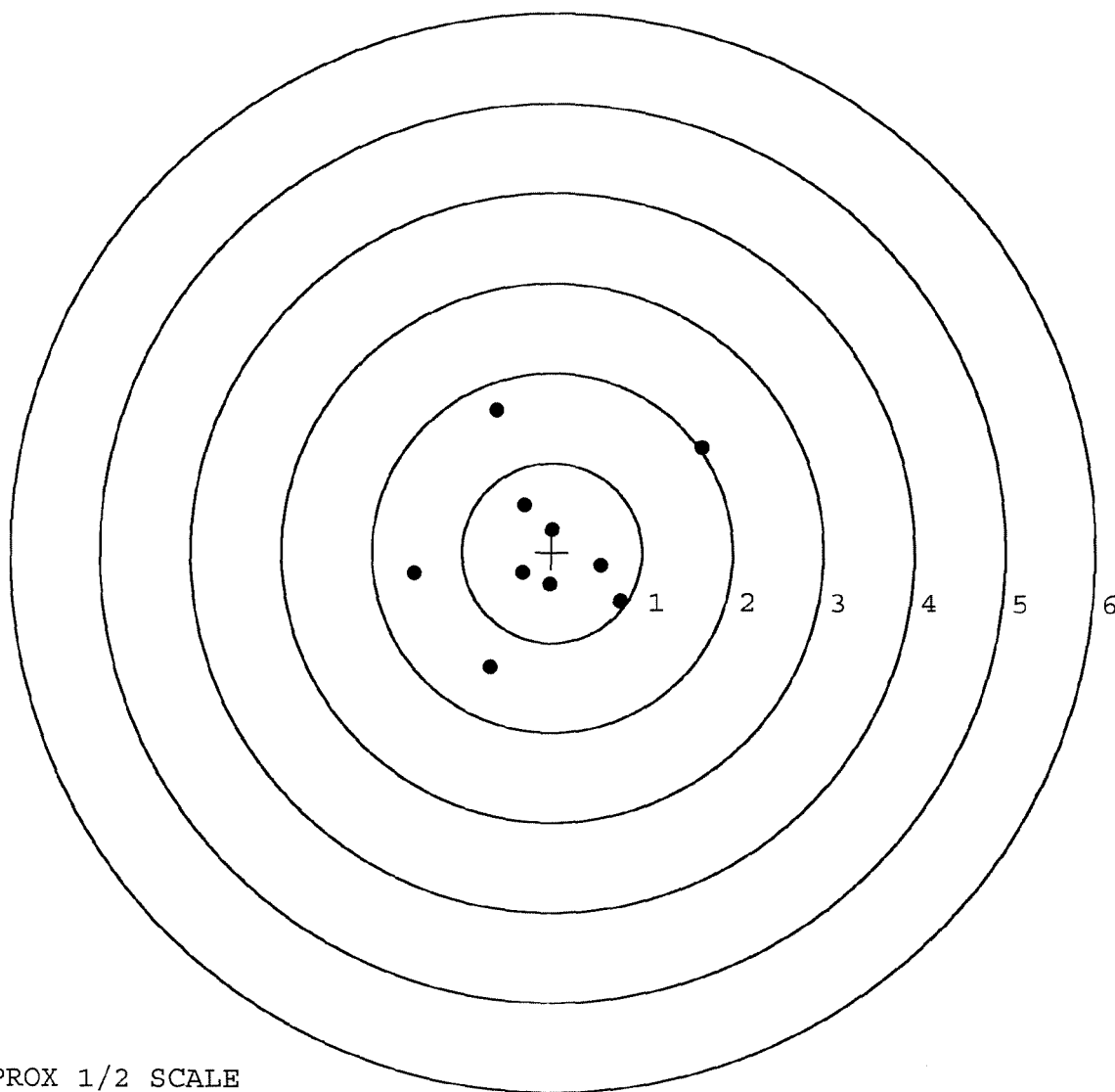
MAX RADIUS: 2.031

MEAN RADIUS: 0.986

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0

TARGET NUMBER: 2

FILE DATE: 01/18/2006

FILE TIME: 13:49

X CENTROID: 0.052

Y CENTROID: 0.104

POA TO CENTROID: 0.116

HORZ SPREAD: 1.093

VERT SPREAD: 2.199

GROUP SPREAD: 2.206

MIN RADIUS: 0.278

MAX RADIUS: 1.400

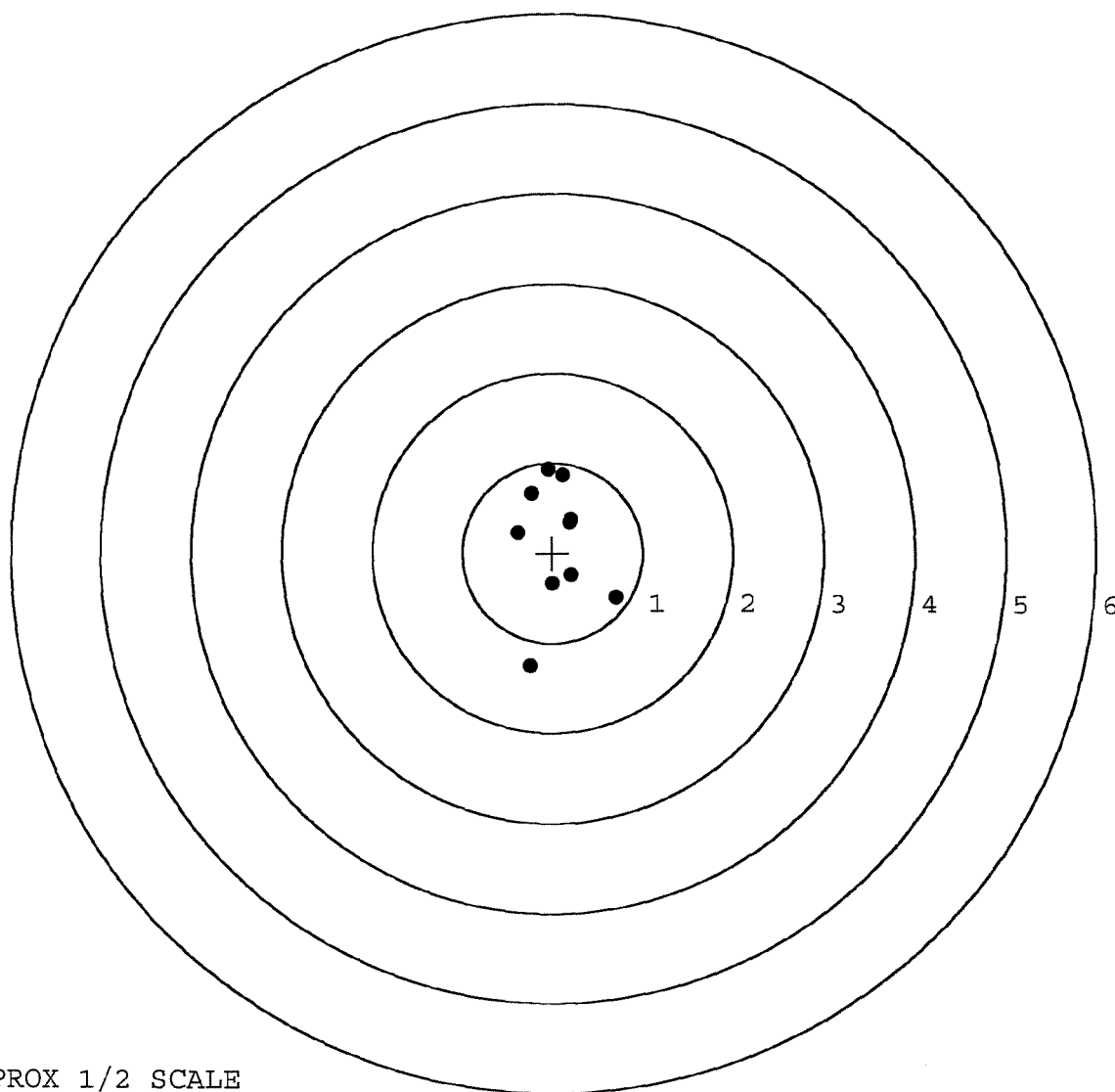
MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.713	-0.490
2:	-0.236	-1.266
3:	0.215	-0.249
4:	0.001	-0.343
5:	0.206	0.367
6:	0.188	0.346
7:	-0.380	0.221
8:	-0.240	0.656
9:	-0.059	0.933
10:	0.110	0.862

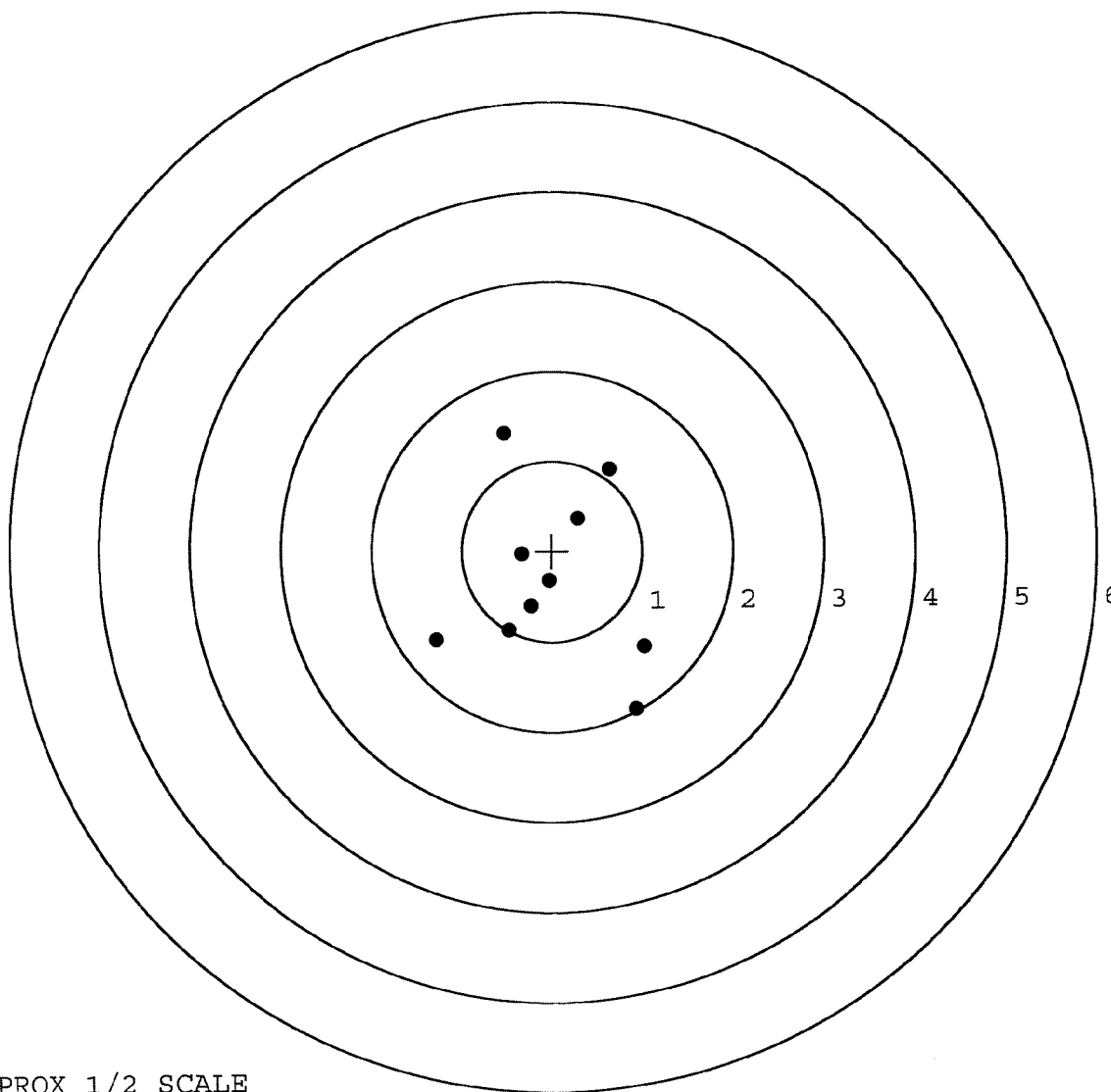


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0
 TARGET NUMBER: 3
 FILE DATE: 01/18/2006
 FILE TIME: 13:49

POINT#	X	Y
1:	0.922	-1.757
2:	1.017	-1.066
3:	-1.291	-0.980
4:	0.644	0.905
5:	0.287	0.357
6:	-0.336	-0.040
7:	-0.039	-0.332
8:	-0.238	-0.610
9:	-0.480	-0.876
10:	-0.525	1.309

X CENTROID: -0.004
 Y CENTROID: -0.309
 POA TO CENTROID: 0.309
 HORZ SPREAD: 2.308
 VERT SPREAD: 3.066
 GROUP SPREAD: 3.390
 MIN RADIUS: 0.042
 MAX RADIUS: 1.719
 MEAN RADIUS: 0.983
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

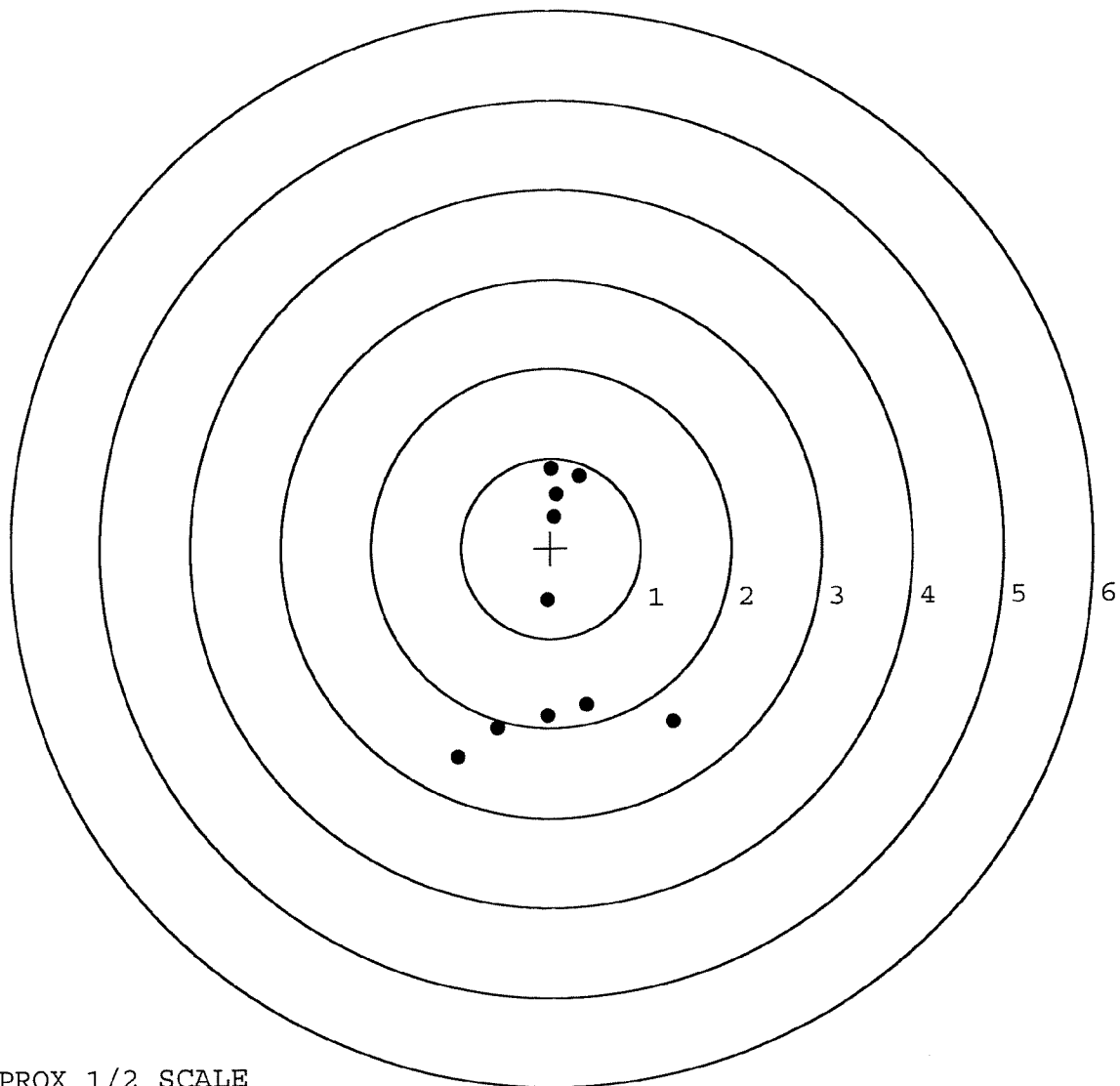


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0
 TARGET NUMBER: 4
 FILE DATE: 01/18/2006
 FILE TIME: 13:49

POINT#	X	Y
1:	-0.042	-0.575
2:	0.324	0.803
3:	0.012	0.887
4:	0.070	0.601
5:	0.044	0.353
6:	1.340	-1.945
7:	0.392	-1.751
8:	-0.052	-1.872
9:	-0.611	-2.006
10:	-1.048	-2.325

X CENTROID: 0.043
 Y CENTROID: -0.783
 POA TO CENTROID: 0.784
 HORZ SPREAD: 2.388
 VERT SPREAD: 3.212
 GROUP SPREAD: 3.416
 MIN RADIUS: 0.225
 MAX RADIUS: 1.889
 MEAN RADIUS: 1.317
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 1
 # in 3 IN DIAMETER: 6

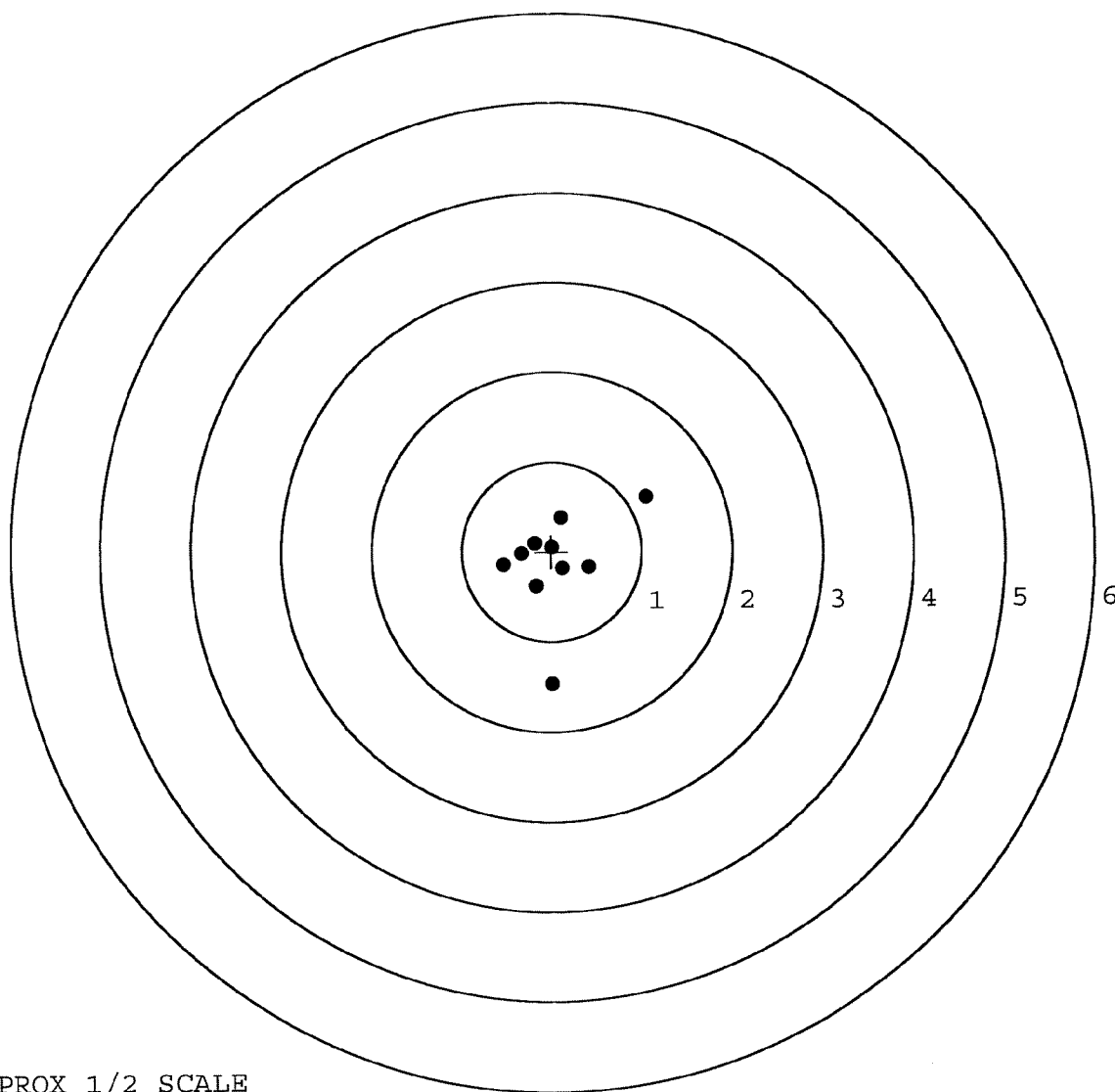


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587656. __0
 TARGET NUMBER: 5
 FILE DATE: 01/18/2006
 FILE TIME: 13:49

POINT#	X	Y
1:	1.047	0.609
2:	0.418	-0.175
3:	0.001	-1.477
4:	-0.178	-0.387
5:	-0.534	-0.149
6:	-0.335	-0.021
7:	-0.189	0.097
8:	0.109	0.381
9:	0.002	0.053
10:	0.122	-0.187

X CENTROID: 0.046
 Y CENTROID: -0.126
 POA TO CENTROID: 0.134
 HORZ SPREAD: 1.581
 VERT SPREAD: 2.086
 GROUP SPREAD: 2.334
 MIN RADIUS: 0.097
 MAX RADIUS: 1.352
 MEAN RADIUS: 0.540
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	166024			
SERIAL NUMBER	C6587656			
LOG-IN DATE	1-4-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-5-06	RJL
505	RE-BARREL		1-6-06	RJL
560	ASSEMBLE		1-6-06	RJL
600	PROOF	MAGNA-FLUX (INSPECTED)	1-6-06	BG
605	CHECK HEADSPACE		1-6-06	AC
610	DIS-ASSEMBLE GUN	JAN 10 2006	1-6-06	AC
612	MAGNAFLUX	DEFECTOR <i>unusable</i>	1/6/06	<i>unusable</i>
510	DRILL AND TAP		1-10-06	TRW
615	ROLLMARK CALIBER		1-10-06	CW
618	ROTO-BLAST		1-10-06	LB
620	APPLY COATINGS		1/11	HP
625	FINAL ASSEMBLY		1-16-06	RJL
640	FUNCTION TEST AND	<u>PASS</u> FAIL	1-18-06	TRW
650	TARGET	<u>PASS</u> FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-18-06	TRW
670	FINAL INSPECTION		1-23-06	<i>A</i>
	A) HEADSPACE	PASS FAIL	1-23-06	<i>A</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	4 lbs 4 lbs 4 lbs	<i>A</i>
	G) SAFETY OFF FORCE	2 LBS MIN	2 lbs 2 lbs 2 lbs	<i>A</i>
	I) FIRING PIN INDENT	.020		
690	PACK		1-24-06	<i>DPH</i>

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

MODEL 700™ H24

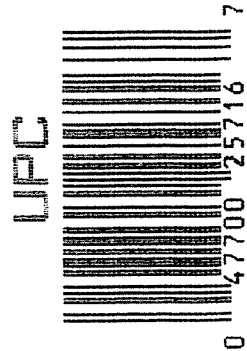
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm

SERIAL NO.
 C6587656

ORDER NO.
5716

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

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M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587656

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	RR
	Magnaflux Bolt		10/23/90	RR
615	Rollmark Caliber		10/23/90	RS.
617	Drill and Tap Sight Holes		10/20/90	RB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		11/21/90	WB
	G) Safety Off Force	2	2	2		11/21/90	WB
	H) Trigger Pull Test & Retainability					11/20/90	WB
	I) Firing Pin Indent	0215	0225	022		11/21/90	WB
	J) Assemble Stock					11/29/90	RW
	K) Assemble Swivel Studs					12-1-90	JS
	L) Attach Front and Rear Sight Assemblies					11/29/90	RW
	M) Iron Sight Alignment					11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container					11/29/90	RW
	O) Attach Scope to Rifle					11/29/90	RW
	P) Detach & Attach Scope 20 Times					11/29/90	RW
640	Gallery Target & Test					11-30-90	AC
	A) Time					11-30-90	AC
	B) Malfunctions					11-30-90	AC
	C) Pierced Primers					11-30-90	AC
	D) Optical Clarity of Scope					11-30-90	AC
645	Inspect for Live Ammo					11-30-90	AC
655	Final Inspection						
	A) Headspace					12-1-90	JS
	B) Trigger Pull	260	248	255	278	241	12-1-90 JS
	C) Function					12-1-90	JS
660	Pack					12/18/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 6587656DATE 11/20/80TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.36	2.49	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.33	2.47	2.48	
PULL #3	2.36	2.37	2.29	2.55	
PULL #4	2.34	2.26	2.54	2.78	
PULL #5	2.31	2.34	2.44	2.41	
TOTAL	11.74	11.66	12.23		
AVG.	2.35	2.33	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.13		
PULL #2	3.12	3.16		
PULL #3	3.03	3.19		
PULL #4	3.06	3.16		
PULL #5	3.07	3.08		
TOTAL	15.44	15.72		
AVG.	3.09	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.18		4.11
PULL #2	4.31	4.03		4.00
PULL #3	4.34	4.05		4.05
PULL #4	4.31	4.12		4.09
PULL #5	4.30	4.19		4.03
TOTAL	21.51	20.57		20.28
AVG.	4.30	4.11		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587656
30 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.126507
1 TO 2	.107168
1 TO 3	.186508
1 TO 4	.405434
1 TO 5	.100648

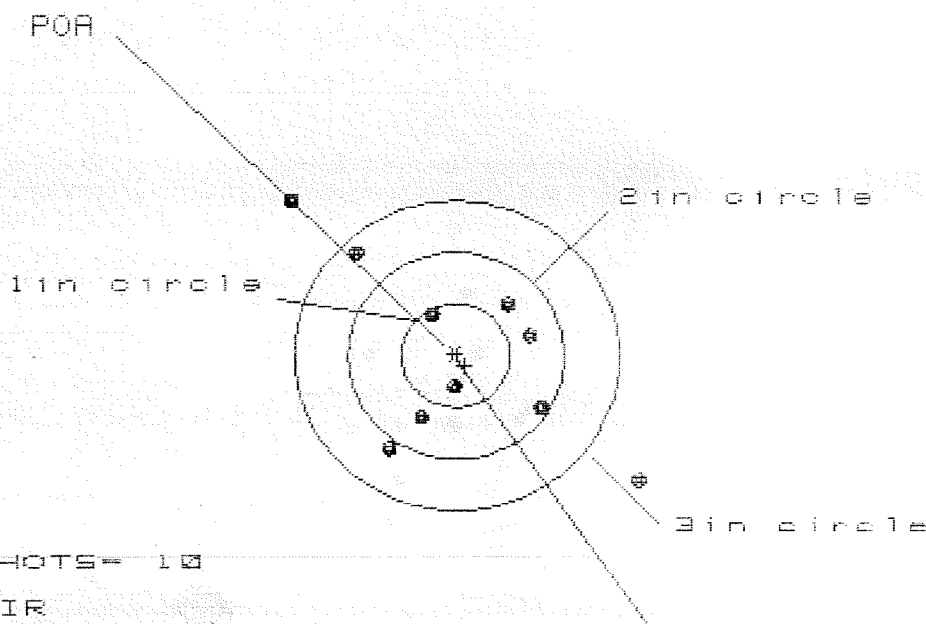
4 1/2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0032
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147835
THE AMR FOR THIS RIFLE IS: .9222

30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587658

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

CENTROID #

HS= 3.232

VS= 2.672

GS= 4.193

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.725	1.558	.856
MINIMUM X	-1.507	-1.121	-.926
MAXIMUM Y	1.509	1.126	1.002
MINIMUM Y	-1.163	-.995	-.881
CENTROID X	-.080	.087	-.108
CENTROID Y	.098	-.070	.054
POA TO CENTROID in.	.126	.112	.120
MIN RADIUS	.330	.233	.287
MEAN RADIUS	1.054	.916	.789
MAX RADIUS	2.133	1.848	1.365
HORIZONTAL SPREAD	3.232	2.679	1.782
VERTICAL SPREAD	2.672	2.121	1.883
EXTREME SPREAD	4.193	3.417	2.302
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/06587656

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.483

VS = 2.455

GS = 2.499

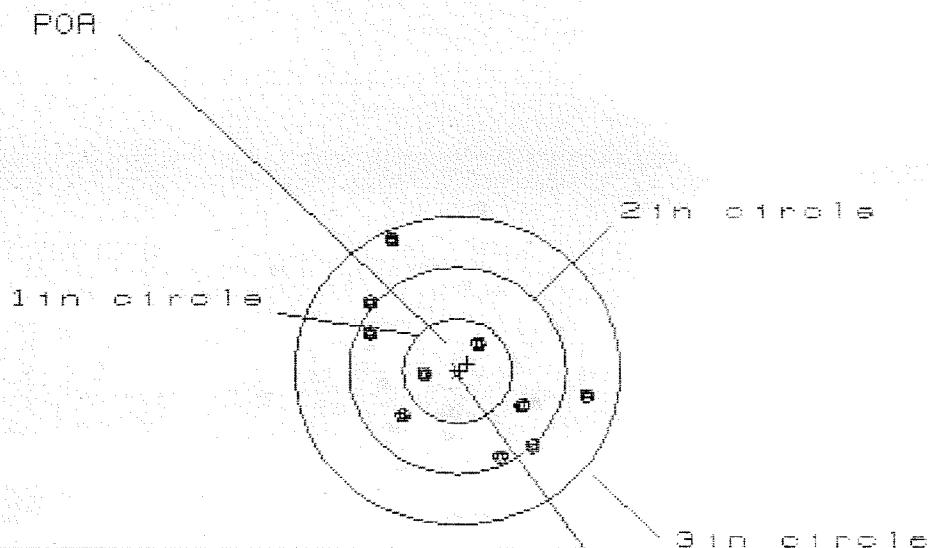
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.671	.666	.602
MINIMUM X	:	-.812	-.817	-.881
MAXIMUM Y	:	1.417	1.006	.896
MINIMUM Y	:	-1.038	-.881	-.394
CENTROID X	:	-.074	-.069	-.005
CENTROID Y	:	-.009	-.166	-.056
POA TO CENTROID in.	:	.074	.180	.056
MIN RADIUS	:	.083	.143	.143
MEAN RADIUS	:	.682	.579	.524
MAX RADIUS	:	1.417	1.020	.906
HORIZONTAL SPREAD	:	1.483	1.483	1.483
VERTICAL SPREAD	:	2.455	1.887	1.290
EXTREME SPREAD	:	2.499	1.974	1.546
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

CENTROID #

HS = 2.087

VS = 2.117

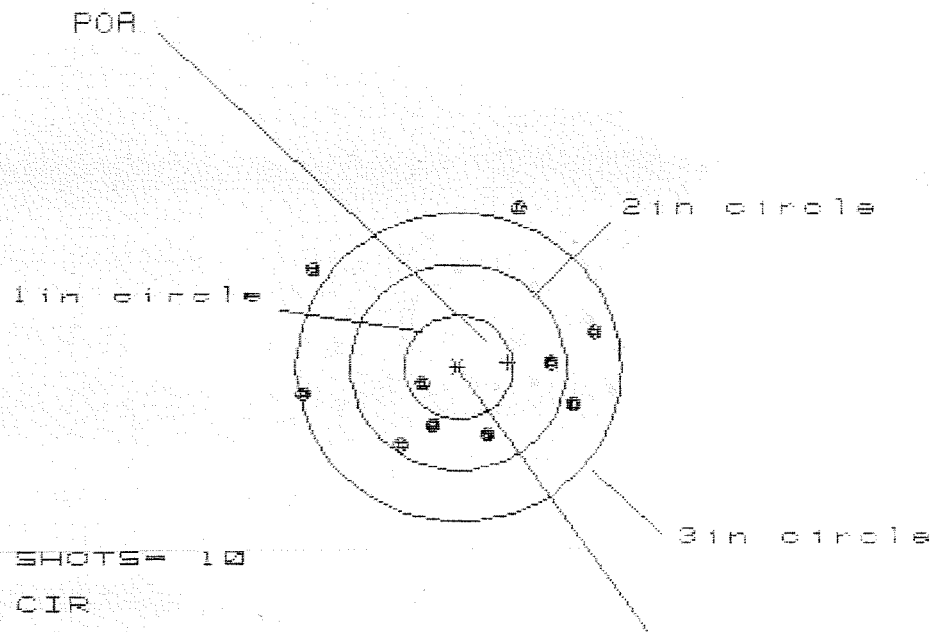
GS = 2.376

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.231	1.164	.738
MINIMUM X	:	-.856	-.923	-.777
MAXIMUM Y	:	1.266	.825	.812
MINIMUM Y	:	-.851	-.710	-.723
CENTROID X	:	-.093	-.026	-.172
CENTROID Y	:	-.068	-.209	-.196
POA TO CENTROID in.	:	.116	.211	.261
MIN RADIUS	:	.320	.411	.269
MEAN RADIUS	:	.863	.794	.734
MAX RADIUS	:	1.403	1.238	1.124
HORIZONTAL SPREAD	:	2.087	2.087	1.515
VERTICAL SPREAD	:	2.117	1.535	1.535
EXTREME SPREAD	:	2.376	2.284	2.049
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

30 May 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

CENTROID *

HS = 2.657

VS = 2.294

GS = 2.743

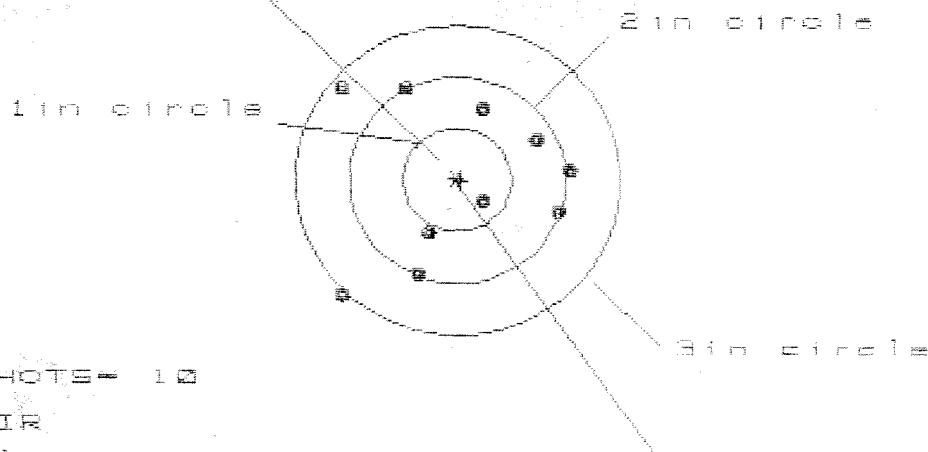
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.212
MINIMUM X	-1.445
MAXIMUM Y	1.503
MINIMUM Y	-0.791
CENTROID X	-0.459
CENTROID Y	-0.046
POA TO CENTROID in.	.461
MIN RADIUS	.404
MEAN RADIUS	1.055
MAX RADIUS	1.641
HORIZONTAL SPREAD	2.657
VERTICAL SPREAD	2.294
EXTREME SPREAD	2.743
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.149

VS = 2.071

GS = 2.449

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.060
MINIMUM X	-1.089
MAXIMUM Y	.940
MINIMUM Y	-1.131
CENTROID X	-.033
CENTROID Y	.009
POA TO CENTROID in.	.034
MIN RADIUS	.342
MEAN RADIUS	.957
MAX RADIUS	1.570
HORIZONTAL SPREAD	2.149
VERTICAL SPREAD	2.071
EXTREME SPREAD	2.449
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9