

C6522267

MODEL 700™ 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: RE00136595

Serial: C6522267 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/9/2007 8:16:49 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 1/1 ADA

1/1 ADA

Address 1: LONGKNIFE

LONGKNIFE

Address 2: PO Box:

PO Box:

City: FORT BLISS

FORT BLISS

State: TX

Zip Code: 79916

Country: US

State: TX

Zip Code: 79916

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

11/9/2007

9:14 AM

CAPS

NUM

INS

SCRL

start

6 M

7 I

A...

3 M

P...

M...

2 S

M...

9:14 AM

Serial Number: C6522267

Model: M24 SWS



RE00136595

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522267.__0
FILE DATE AND TIME: 02/14/2008 13:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.058
The Average Point of Impact of the Five Target Set:	0.059
The Average Mean Radius of the Five Target Set:	0.581
The Distance from POA to Centroid Target #1:	0.101
The Distance from Centroid Target #2 to Centroid Target #1:	0.124
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.077
The Distance from Centroid Target #5 to Centroid Target #1:	0.084

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 1

FILE DATE: 02/14/2008

FILE TIME: 13:10

X CENTROID: -0.076

Y CENTROID: -0.066

POA TO CENTROID: 0.101

HORZ SPREAD: 1.615

VERT SPREAD: 1.423

GROUP SPREAD: 1.826

MIN RADIUS: 0.202

MAX RADIUS: 0.954

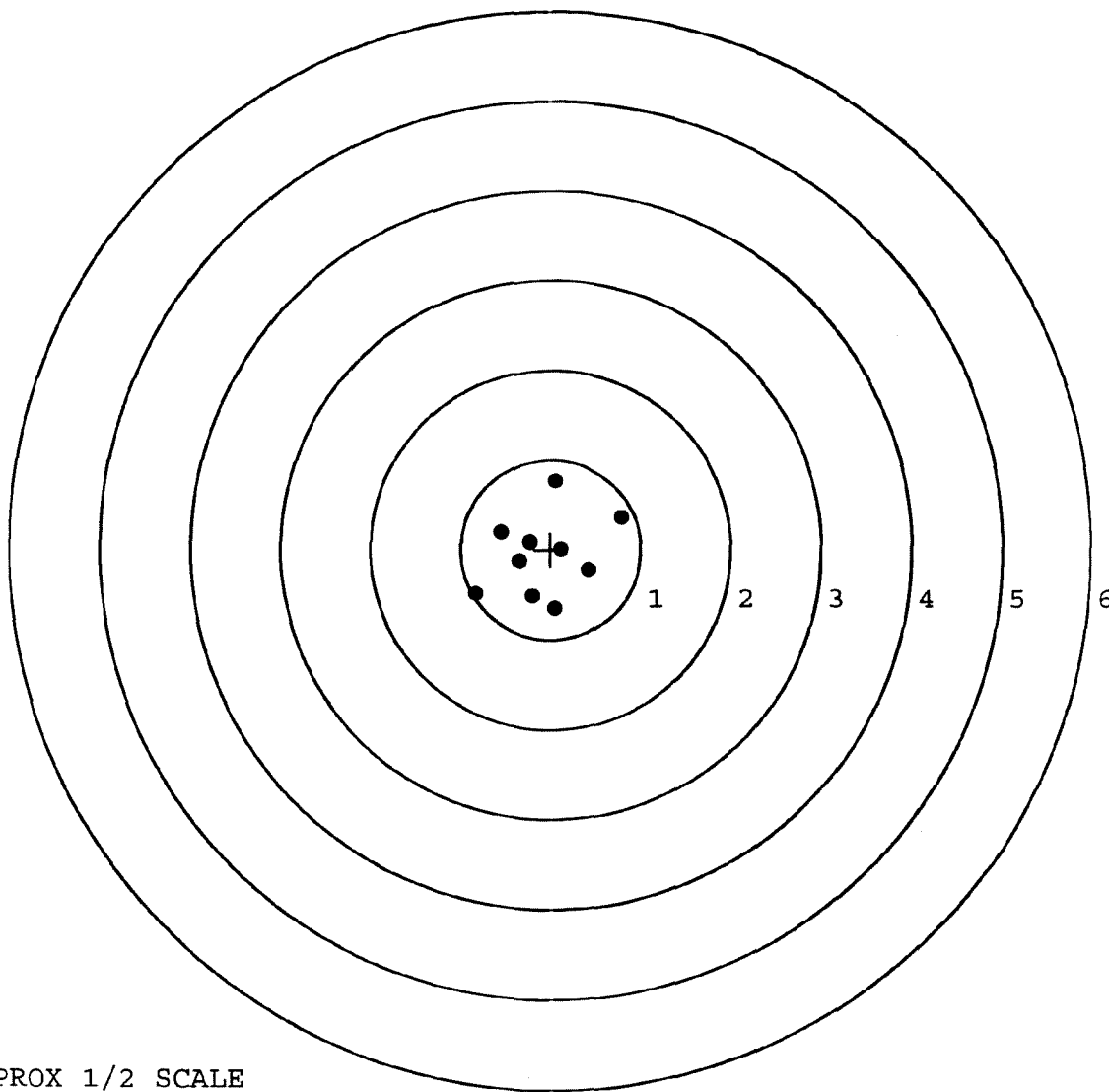
MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.045	-0.661
2:	-0.210	-0.523
3:	0.421	-0.231
4:	0.116	-0.004
5:	-0.229	0.082
6:	-0.349	-0.130
7:	-0.554	0.187
8:	0.780	0.355
9:	0.055	0.762
10:	-0.835	-0.498



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 2

FILE DATE: 02/14/2008

FILE TIME: 13:10

X CENTROID: -0.043

Y CENTROID: 0.054

POA TO CENTROID: 0.069

HORZ SPREAD: 1.796

VERT SPREAD: 1.499

GROUP SPREAD: 1.812

MIN RADIUS: 0.230

MAX RADIUS: 1.053

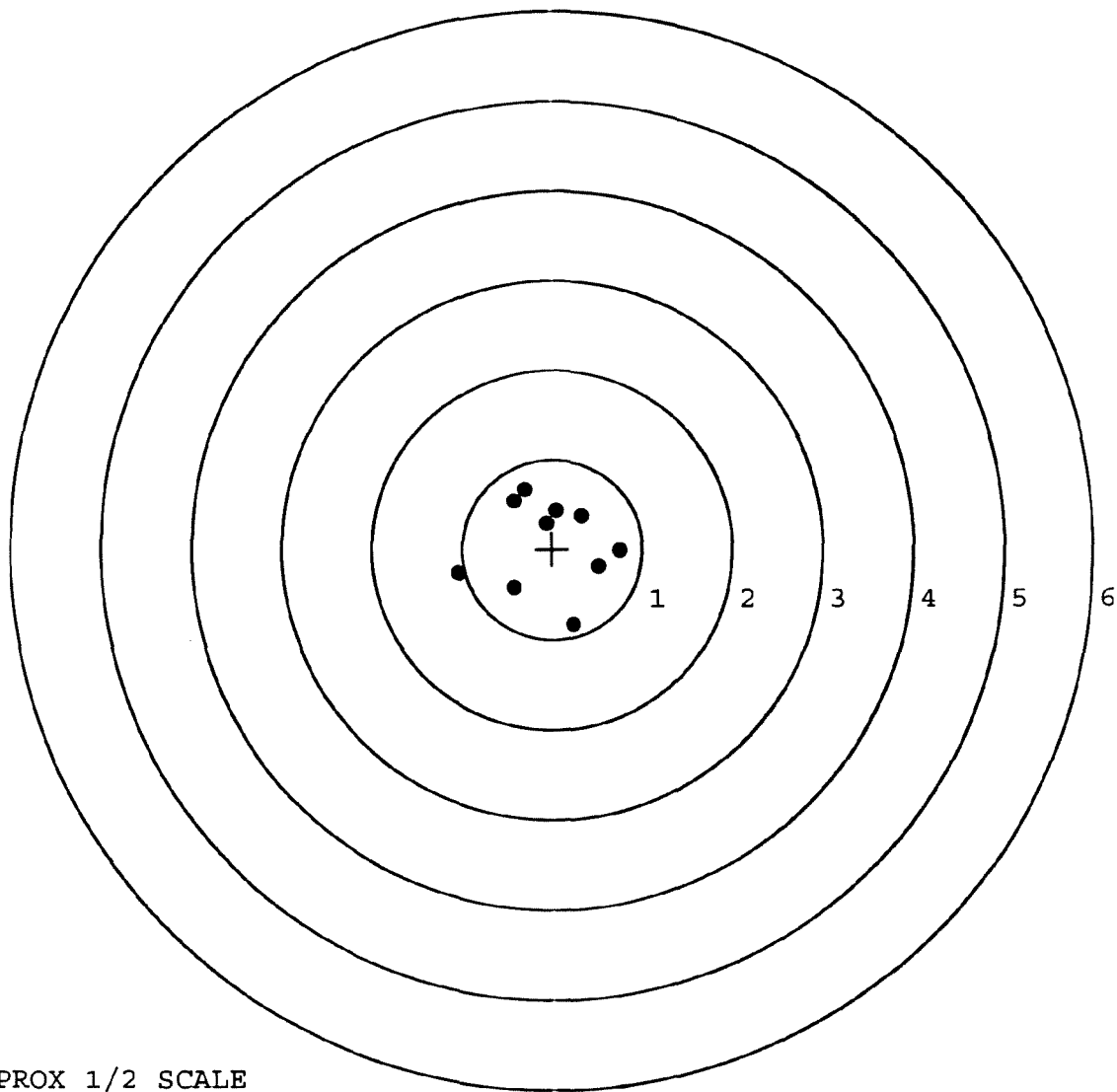
MEAN RADIUS: 0.640

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.313	0.665
2:	-0.429	0.537
3:	0.043	0.433
4:	-0.073	0.282
5:	0.323	0.371
6:	0.750	-0.026
7:	0.515	-0.197
8:	0.228	-0.834
9:	-0.432	-0.427
10:	-1.046	-0.268



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. __0

TARGET NUMBER: 3

FILE DATE: 02/14/2008

FILE TIME: 13:10

X CENTROID: 0.119

Y CENTROID: -0.021

POA TO CENTROID: 0.121

HORZ SPREAD: 1.784

VERT SPREAD: 1.110

GROUP SPREAD: 1.930

MIN RADIUS: 0.016

MAX RADIUS: 1.068

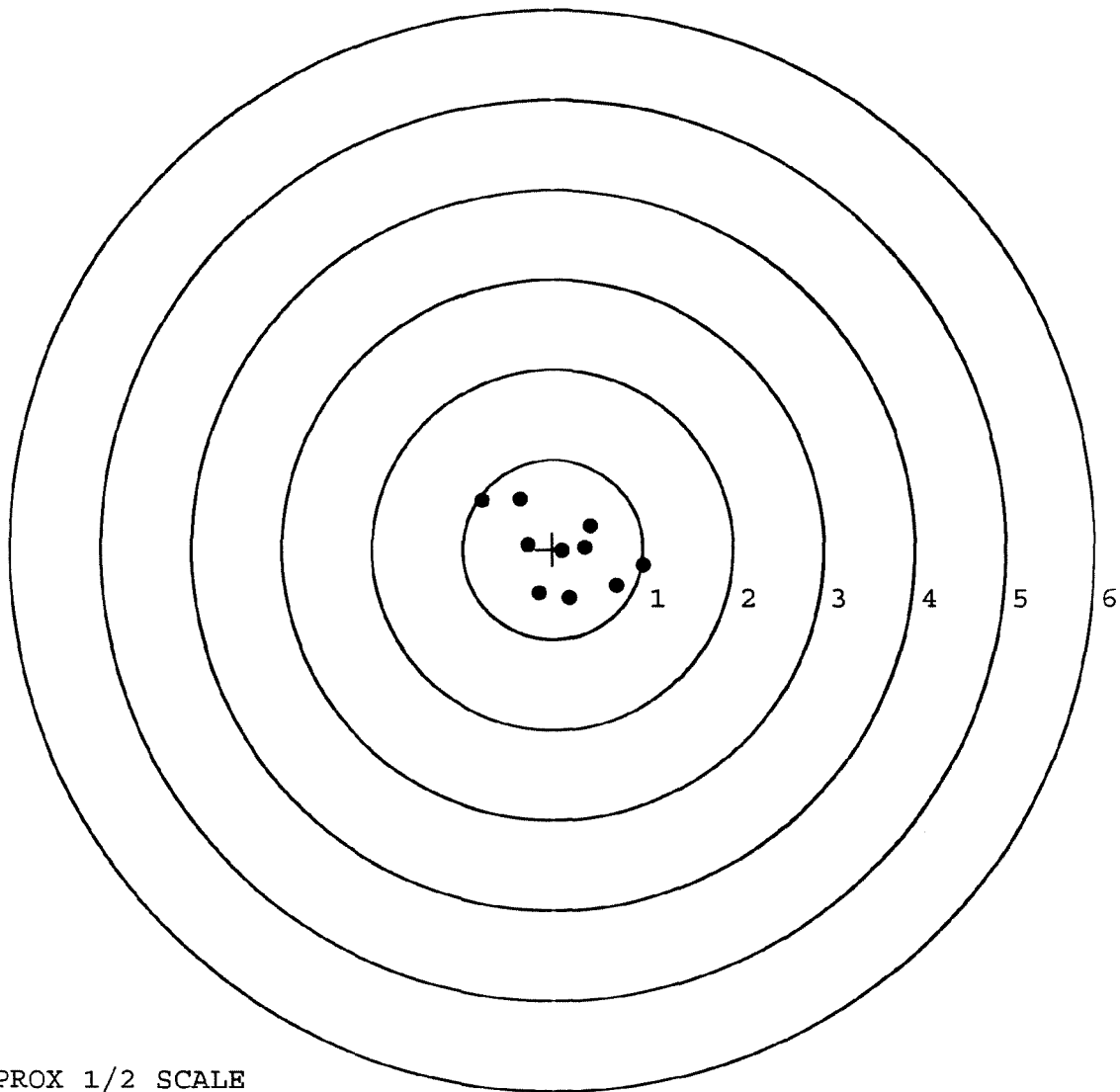
MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.002	-0.185
2:	0.704	-0.410
3:	0.184	-0.548
4:	-0.158	-0.496
5:	0.416	0.264
6:	0.360	0.025
7:	0.104	-0.026
8:	-0.274	0.052
9:	-0.361	0.562
10:	-0.782	0.551



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 4

FILE DATE: 02/14/2008

FILE TIME: 13:10

POINT#	X	Y
1:	0.091	0.125
2:	-0.031	-0.082
3:	0.070	-0.434
4:	0.346	-0.702
5:	-0.385	-0.392
6:	-0.518	-0.602
7:	-0.748	-0.823
8:	-0.444	0.470
9:	0.606	0.480
10:	0.765	0.724

X CENTROID: -0.025

Y CENTROID: -0.124

POA TO CENTROID: 0.126

HORZ SPREAD: 1.513

VERT SPREAD: 1.547

GROUP SPREAD: 2.164

MIN RADIUS: 0.042

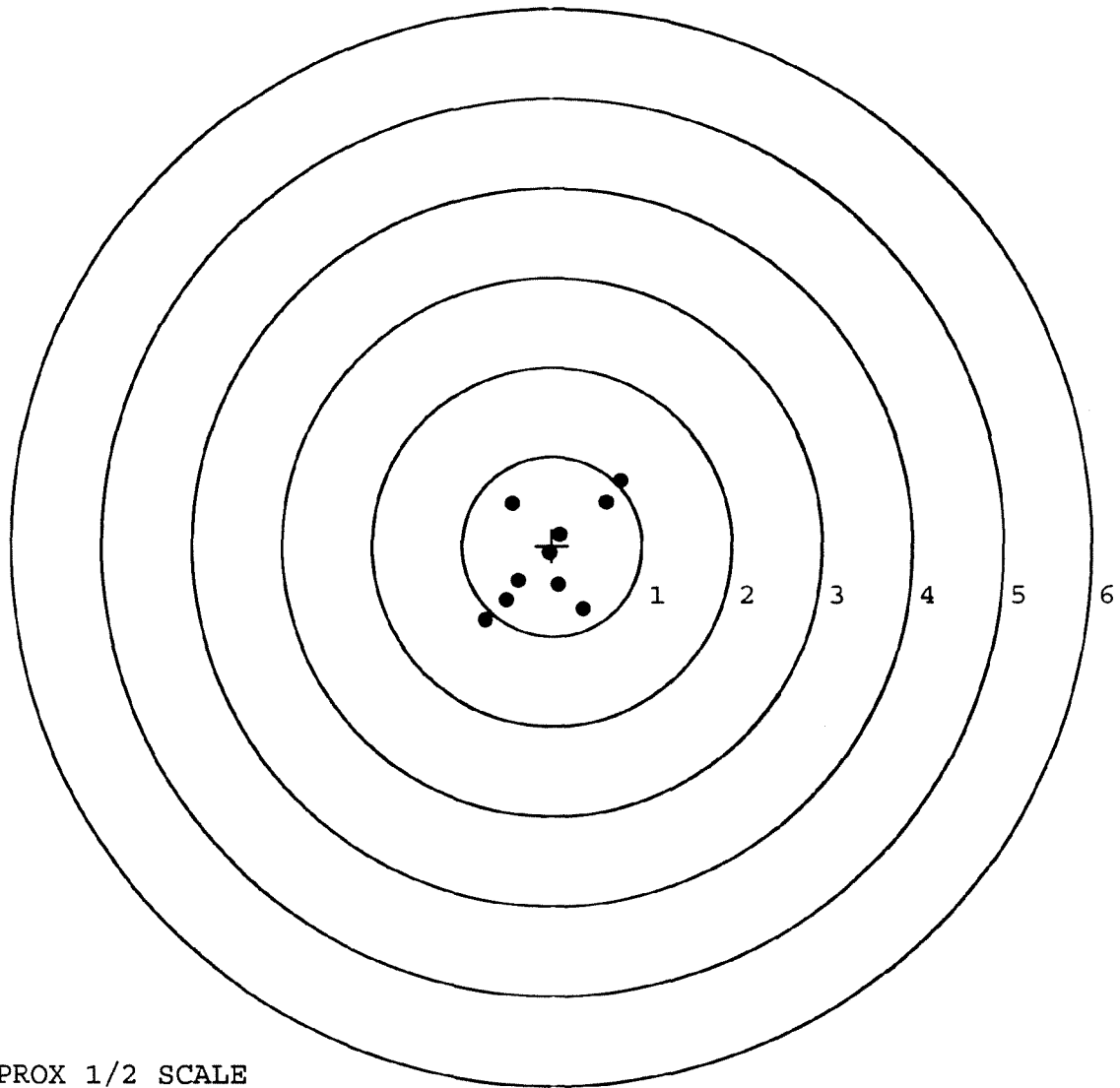
MAX RADIUS: 1.159

MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 5

FILE DATE: 02/14/2008

FILE TIME: 13:10

X CENTROID: -0.026

Y CENTROID: -0.133

POA TO CENTROID: 0.136

HORZ SPREAD: 1.296

VERT SPREAD: 1.559

GROUP SPREAD: 1.828

MIN RADIUS: 0.102

MAX RADIUS: 1.146

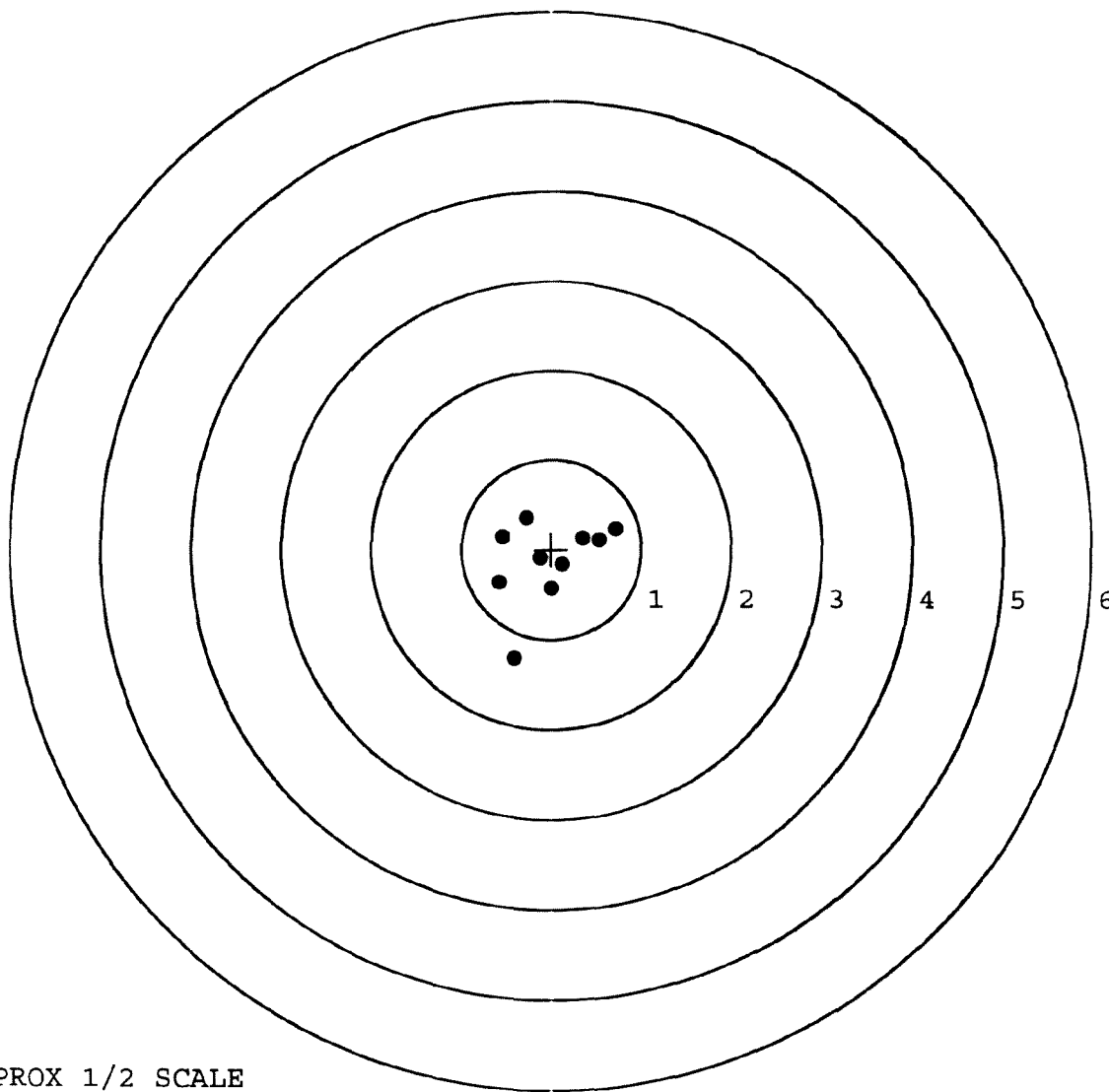
MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.711	0.227
2:	0.533	0.113
3:	0.341	0.125
4:	-0.285	0.349
5:	-0.553	0.136
6:	-0.585	-0.373
7:	-0.419	-1.210
8:	-0.003	-0.437
9:	0.122	-0.168
10:	-0.121	-0.096



TARGET APPROX 1/2 SCALE

R & E NUMBER

136595

SERIAL NUMBER

C16522267

LOG-IN DATE

11-9-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-4-08	RTZ
505	RE-BARREL	2-5-08	R.P.D.
560	ASSEMBLE	2-5-08	R.P.D.
600	PROOF	2-6-08	TRW
605	CHECK HEADSPACE	2-6-08	TRW
610	DIS-ASSEMBLE GUN	2-6-08	R.P.D.
612	MAGNAFLUX	2-7-08	Wm
510	DRILL AND TAP	2-6-08	TRW
615	ROLLMARK CALIBER	2-6-08	CW
618	ROTO-BLAST	2-7-08	DG
620	APPLY COATINGS	2-11-08	Wm
625	FINAL ASSEMBLY	2-13-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	2-13-08 TRW
650	TARGET	(PASS) FAIL	2-13-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-13-08	RP
	A) HEADSPACE	(PASS) FAIL	2-20-08 TRW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.83 2.76 2.71 2.69 2.68 2-18-08 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8.0 8.0 7.25 2-20-08 TRW
	G) SAFETY OFF FORCE	2 LBS MAX	2.5 2.0 2.25 2-20-08 TRW
	I) FIRING PIN INDENT	.020	.0245 .0245 .025 2-20-08 TRW
690	PACK		2-22-08 Fm

Repair Inquiry

Repair Number: RE00092995

Serial: C6522267 Model: V24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/13/1990

Repairman:

Status:

Closed 2/11/2005 7:31:37 AM

Address Information

Customer

Received From

Return To

Received From

Name: DEF DIST DEPOT ANNISTON

Name: DEF DIST DEPOT ANNISTON

Address:

Address:

City: ANNISTON

City: ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FE

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

Model:

2/14/2005

9:13 AM

12466

NUM

ING

1591

start

5

2

3

Arms Service

1

1

Serial Number:

C6522267

Model: M24 SWS



RE00092995

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522267.___0
FILE DATE AND TIME: 04/05/2005 07:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.021
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.892
The Distance from POA to Centroid Target #1:	0.263
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.419
The Distance from Centroid Target #4 to Centroid Target #1:	0.314
The Distance from Centroid Target #5 to Centroid Target #1:	0.370

SERIAL NUMBER: C6522267. __0

TARGET NUMBER: 1

FILE DATE: 04/05/2005

FILE TIME: 07:58

X CENTROID: -0.195

Y CENTROID: -0.176

POA TO CENTROID: 0.263

HORZ SPREAD: 2.519

VERT SPREAD: 1.284

GROUP SPREAD: 2.545

MIN RADIUS: 0.307

MAX RADIUS: 1.320

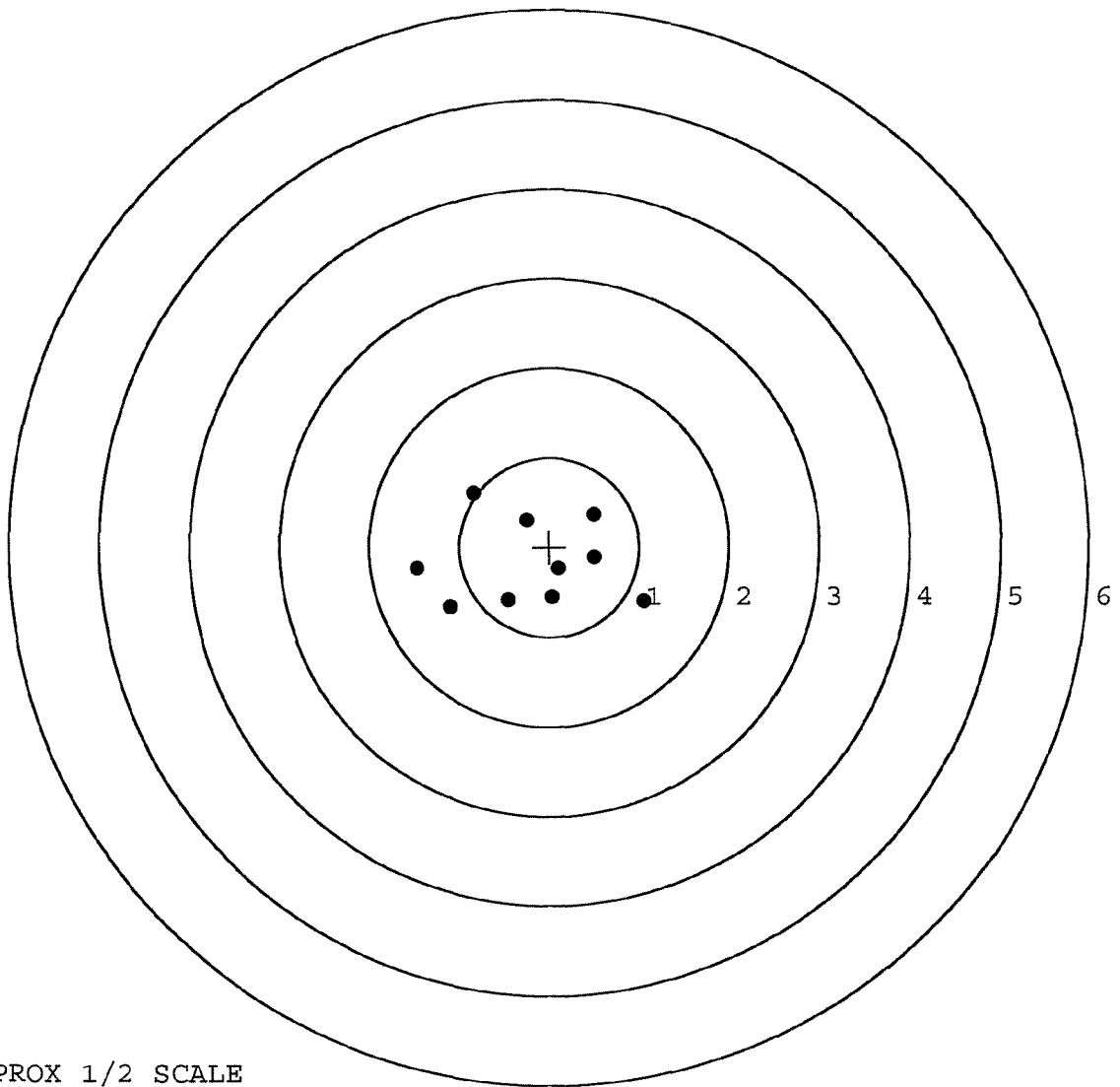
MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.052	-0.607
2:	0.504	-0.117
3:	0.494	0.368
4:	-0.260	0.304
5:	-0.465	-0.598
6:	-1.106	-0.674
7:	-1.467	-0.245
8:	-0.842	0.610
9:	0.105	-0.241
10:	0.033	-0.562



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 2

FILE DATE: 04/05/2005

FILE TIME: 07:58

X CENTROID: -0.275

Y CENTROID: -0.080

POA TO CENTROID: 0.287

HORZ SPREAD: 2.729

VERT SPREAD: 2.579

GROUP SPREAD: 3.235

MIN RADIUS: 0.205

MAX RADIUS: 1.879

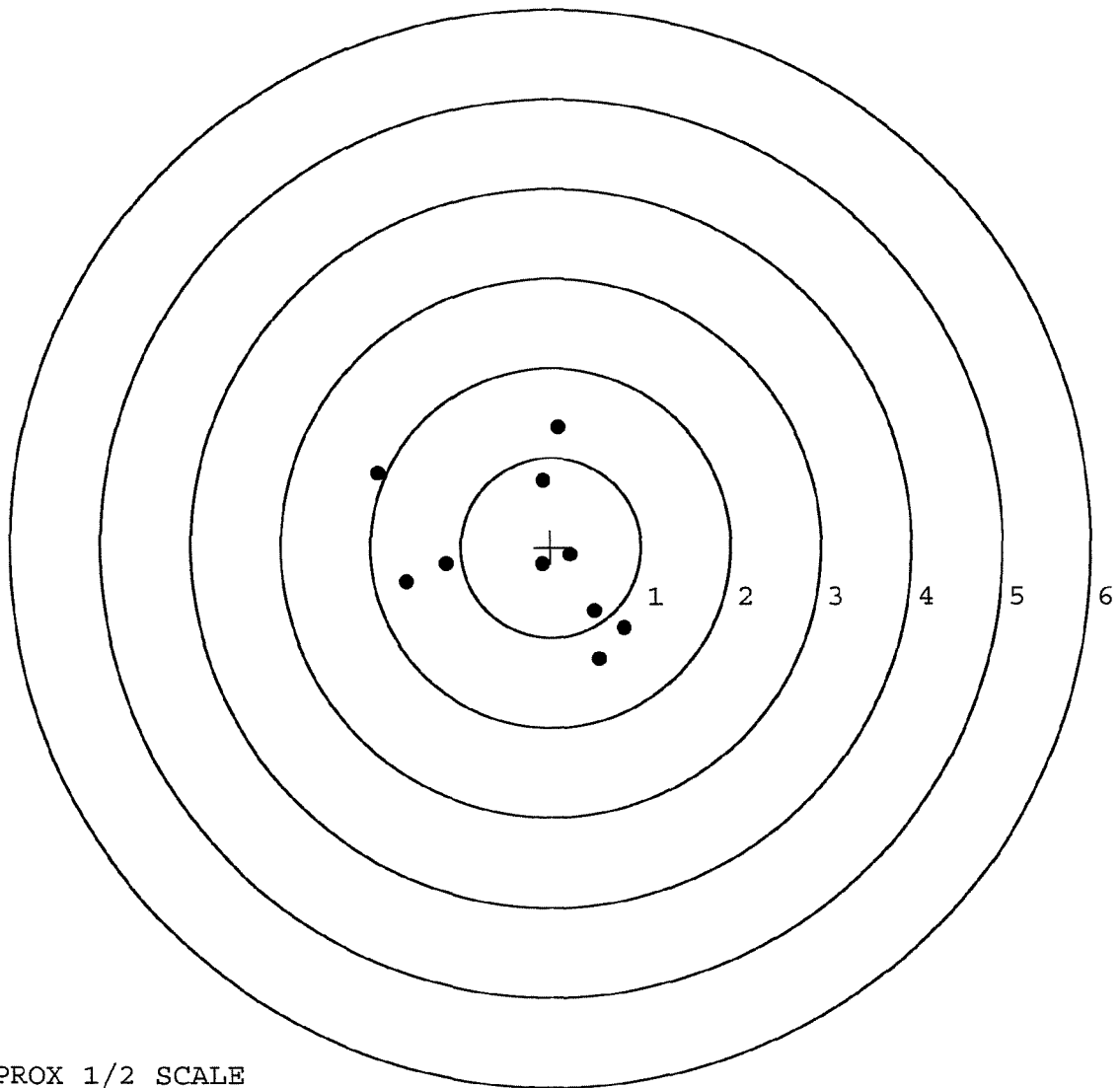
MEAN RADIUS: 1.091

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.536	-1.245
2:	0.812	-0.905
3:	0.480	-0.707
4:	0.215	-0.091
5:	-0.100	-0.187
6:	-1.164	-0.188
7:	-1.605	-0.391
8:	-1.917	0.833
9:	-0.089	0.746
10:	0.081	1.334

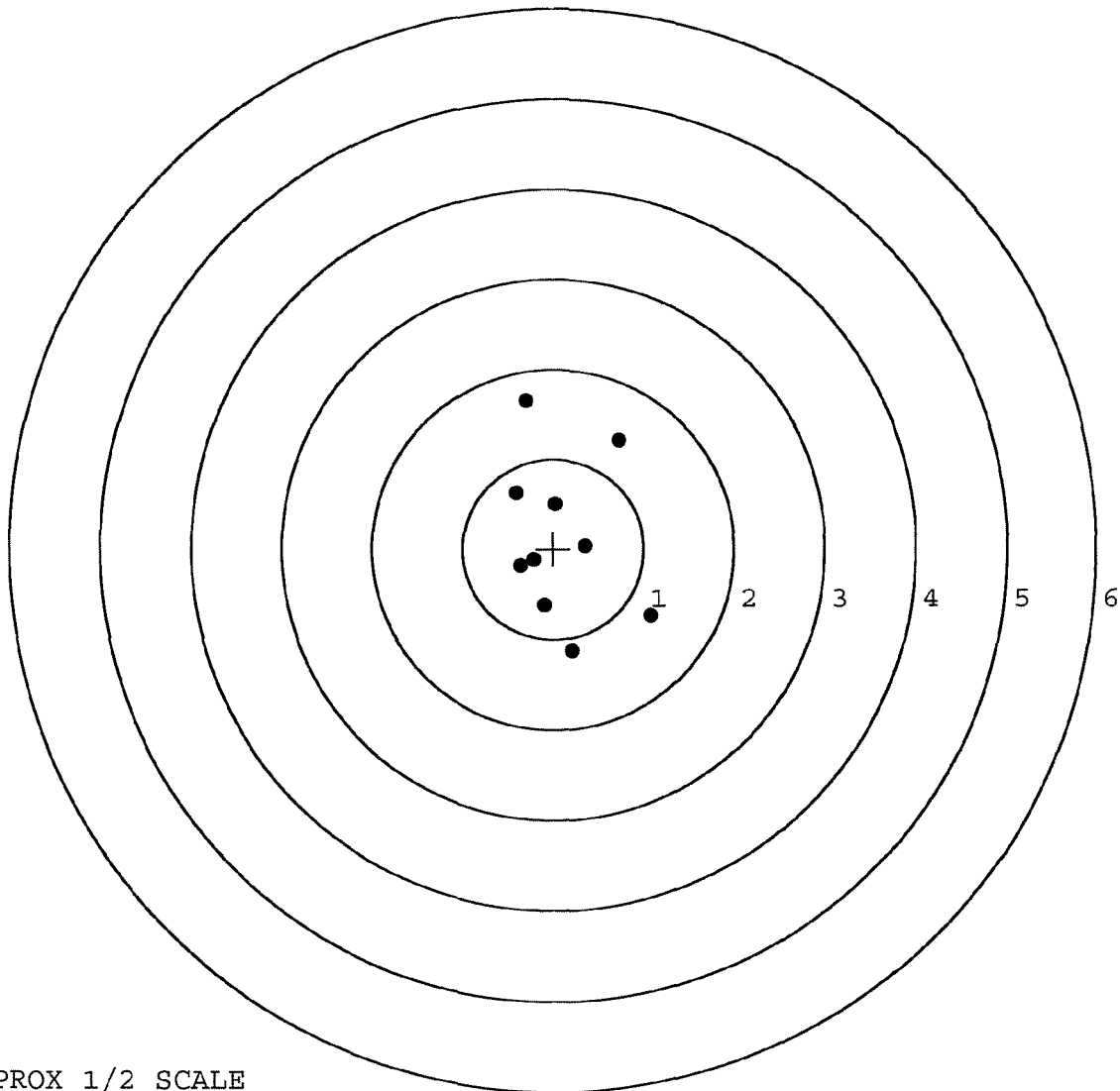


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. __0
 TARGET NUMBER: 3
 FILE DATE: 04/05/2005
 FILE TIME: 07:58

POINT#	X	Y
1:	1.078	-0.745
2:	0.732	1.212
3:	-0.301	1.652
4:	-0.408	0.626
5:	0.025	0.499
6:	-0.361	-0.192
7:	-0.220	-0.123
8:	-0.106	-0.633
9:	0.208	-1.128
10:	0.356	0.036

X CENTROID: 0.100
 Y CENTROID: 0.120
 POA TO CENTROID: 0.157
 HORZ SPREAD: 1.486
 VERT SPREAD: 2.780
 GROUP SPREAD: 2.826
 MIN RADIUS: 0.269
 MAX RADIUS: 1.583
 MEAN RADIUS: 0.852
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. __0

TARGET NUMBER: 4

FILE DATE: 04/05/2005

FILE TIME: 07:58

X CENTROID: 0.024

Y CENTROID: 0.049

POA TO CENTROID: 0.054

HORZ SPREAD: 2.181

VERT SPREAD: 2.011

GROUP SPREAD: 2.541

MIN RADIUS: 0.385

MAX RADIUS: 1.614

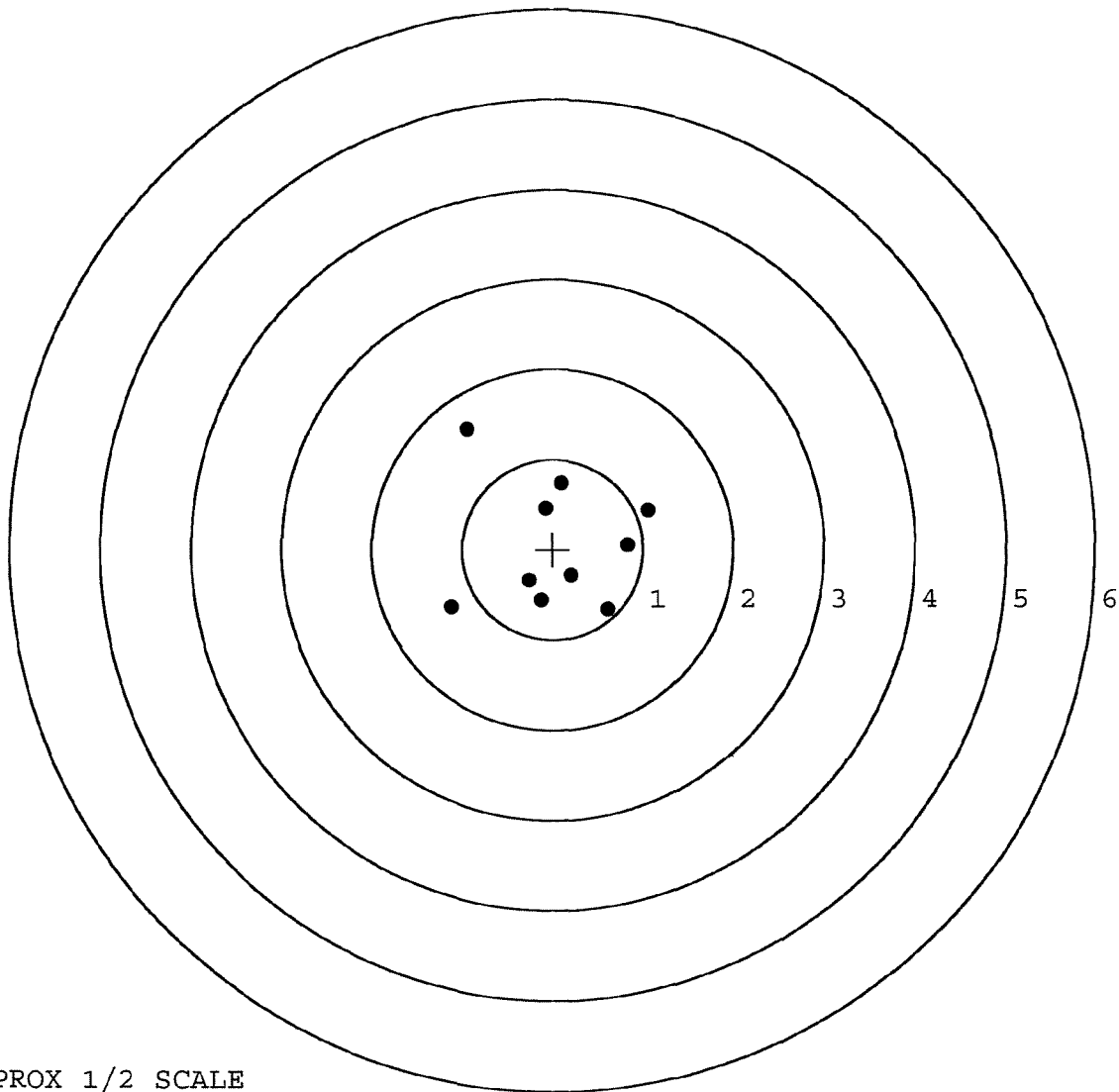
MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.607	-0.673
2:	0.832	0.053
3:	1.056	0.436
4:	0.201	-0.293
5:	-0.133	-0.571
6:	-0.265	-0.347
7:	-1.125	-0.648
8:	-0.086	0.457
9:	0.098	0.738
10:	-0.947	1.338



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522267. 0

TARGET NUMBER: 5

FILE DATE: 04/05/2005

FILE TIME: 07:58

POINT#	X	Y
1:	1.185	-0.924
2:	0.480	-0.240
3:	0.654	-0.111
4:	0.736	0.366
5:	0.474	0.580
6:	0.546	1.176
7:	-0.539	0.479
8:	-0.423	-0.537
9:	-0.715	-0.312
10:	-0.995	-0.680

X CENTROID: 0.140

Y CENTROID: -0.020

POA TO CENTROID: 0.142

HORZ SPREAD: 2.180

VERT SPREAD: 2.100

GROUP SPREAD: 2.223

MIN RADIUS: 0.405

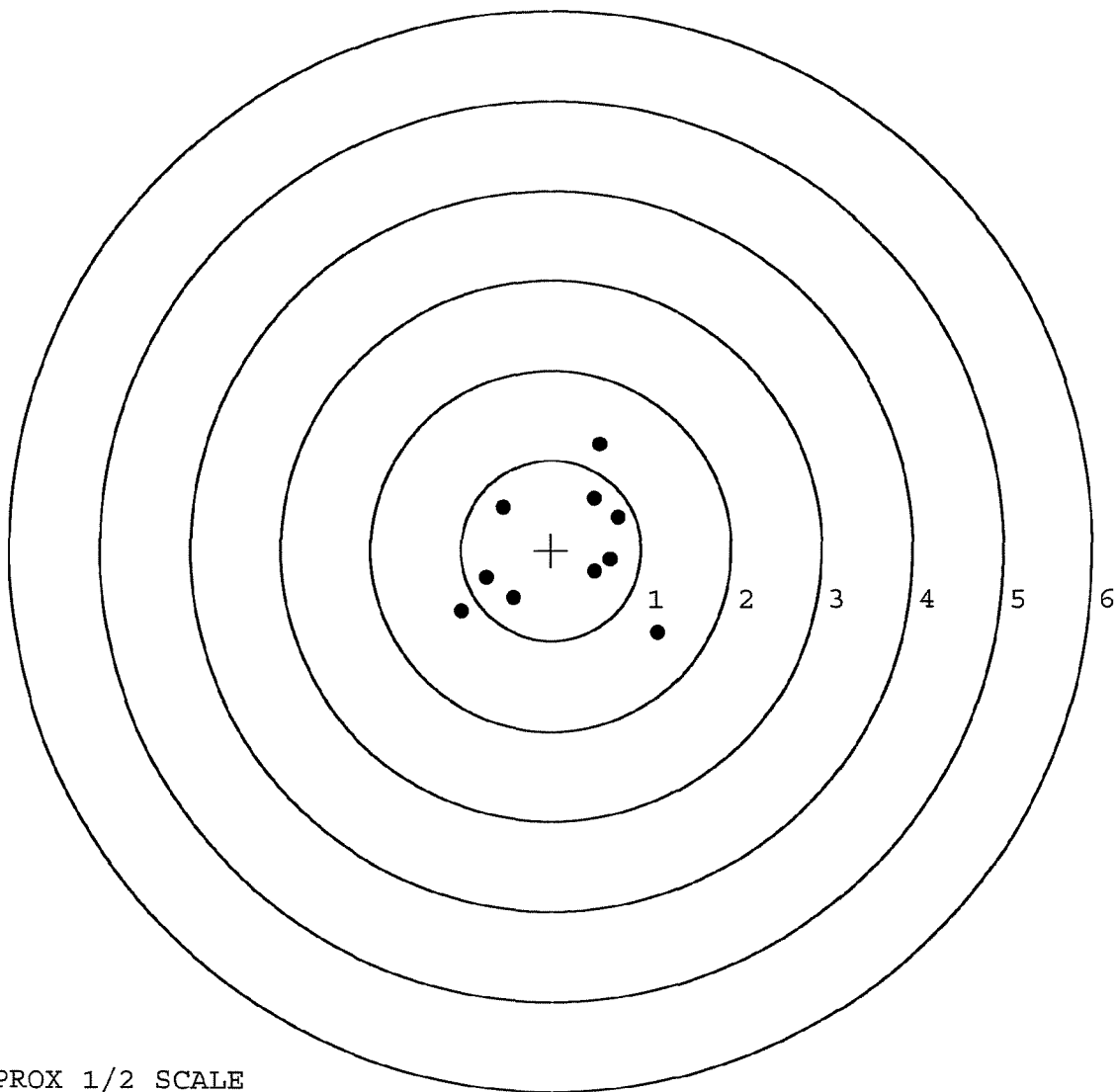
MAX RADIUS: 1.381

MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

2-18-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.57		2.31	
PULL #2	2.76	2.86		2.46	
PULL #3	2.74	2.80		2.31	
PULL #4	2.89	2.65		2.30	
PULL #5	2.88	2.71		2.21	
TOTAL	13.83	13.59		11.59	
AVERAGE	2.76	2.71		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.32		
PULL #2	3.53	3.17		
PULL #3	3.60	3.07		
PULL #4	3.44	3.09		
PULL #5	3.61	2.93		
TOTAL	17.56	15.58		
AVERAGE	3.51	3.11		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.53	4.34		4.16
PULL #2	4.09	4.16		4.09
PULL #3	3.96	4.31		4.03
PULL #4	4.45	4.21		4.12
PULL #5	4.10	4.16		3.93
TOTAL	21.13	21.18		20.33
AVERAGE	4.22	4.23		4.06

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

R & E NUMBER	92995		
SERIAL NUMBER	C6522267		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	OPERATOR	AC
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-24-05	RTZ
B	TRIGGER PULL TEST	4-8-05	TRW
C	SAFETY "ON" FORCE	4-8-05	AC
D	SAFETY "OFF" FORCE	4-8-05	AC
E	FIRING PIN INDENT	4-8-05	AC
640	TARGET	4-5-05	AC
655	FINAL INSPECT	4-8-05	AC
660	PACK	4-25-05	
		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.

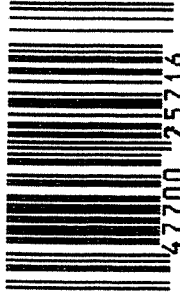
MODEL 700™ H24	SERIAL NO. C6522267
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.	ORDER NO. 5716

Ø1



5716 C6522267

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522267

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/22/90	KCR
	Magnaflux Bolt		8/22/90	KCR
615	Rollmark Caliber		8/22/90	KCR
617	Drill and Tap Sight Holes		8/23/90	LB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	Rui
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	Rui
	C) Inspect Ejector Hole for Chamfer		8/31/90	Rui
	D) Oil Firing Pin Ass'y		8/31/90	Rui
	E) Adjust Trigger Pull to Min Setting and Stake		9/15/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	5	5	5			9/15/90	QDS
	G) Safety Off Force	3	3	3			9/15/90	QDS
	H) Trigger Pull Test & Retainability						9/15/90	W.B
	I) Firing Pin Indent	.023	.0235	.0235			9/15/90	QDS
	J) Assemble Stock						9/15/90	RW
	K) Assemble Swivel Studs						9/17/90	QDS
	L) Attach Front and Rear Sight Assemblies						9/15/90	RW
	M) Iron Sight Alignment						9/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/15/90	RW
	O) Attach Scope to Rifle						9/15/90	RW
	P) Detach & Attach Scope 20 Times						9/15/90	RW
640	Gallery Target & Test						9/16/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						9/16/90	AF
655	Final Inspection							
	A) Headspace						9/17/90	QDS
	B) Trigger Pull	2.60	2.50	2.50	2.43	2.49	9-17-90	QDS
	C) Function						9/17/90	QDS
660	Pack						9-17-90	QDS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6522267

DATE 9/15/90

TESTER WJB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.26	2.53	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.44	2.55	2.50	
PULL #3	2.38	2.54	2.23	2.50	
PULL #4	2.40	2.23	2.59	2.43	
PULL #5	2.42	2.37	2.53	2.49	
TOTAL	12.18	11.84	12.43	12.52	
AVG.	2.43	2.37	2.49	2.504	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.22		
PULL #2	3.17	3.22		
PULL #3	3.00	3.12		
PULL #4	3.26	3.17		
PULL #5	3.25	3.22		
TOTAL	15.95	15.95		
AVG.	3.19	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.14		4.40
PULL #2	4.22	4.14		4.26
PULL #3	4.24	4.16		4.40
PULL #4	4.19	4.16		4.35
PULL #5	4.27	4.08		4.38
TOTAL	20.07	20.68		21.79
AVG.	4.21	4.13		4.36

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522267
16 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.130361
1 TO	2	.339713
1 TO	3	.257402
1 TO	4	.152322
1 TO	5	.221289

$\bar{P}_2$ <----POA

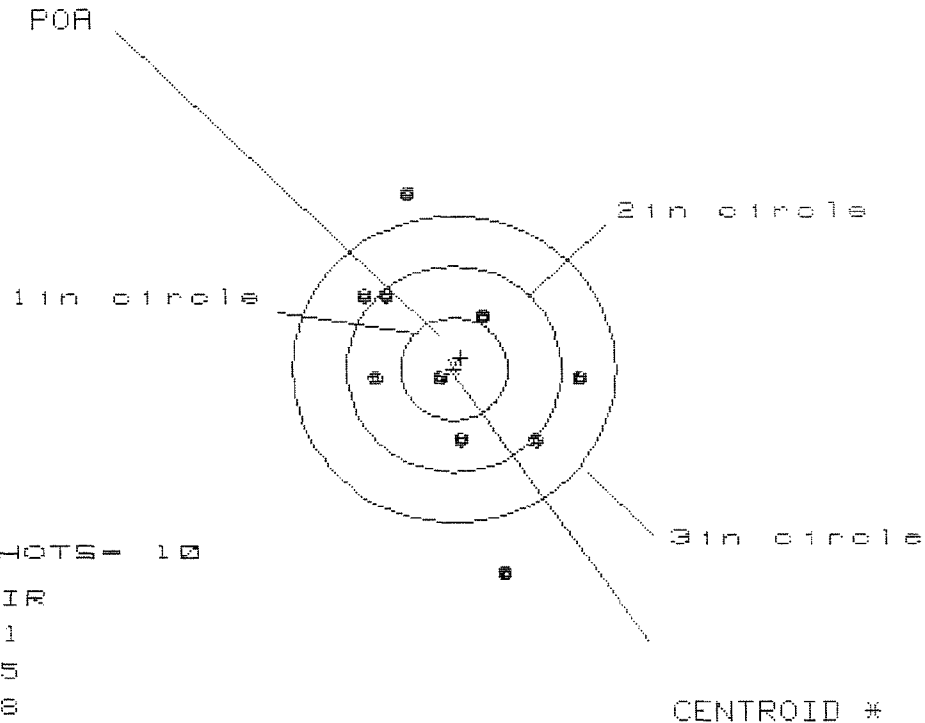
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .059
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0058
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0592844
THE AMR FOR THIS RIFLE IS: 1.099

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522267

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.017

VS= 3.658

CS= 3.773

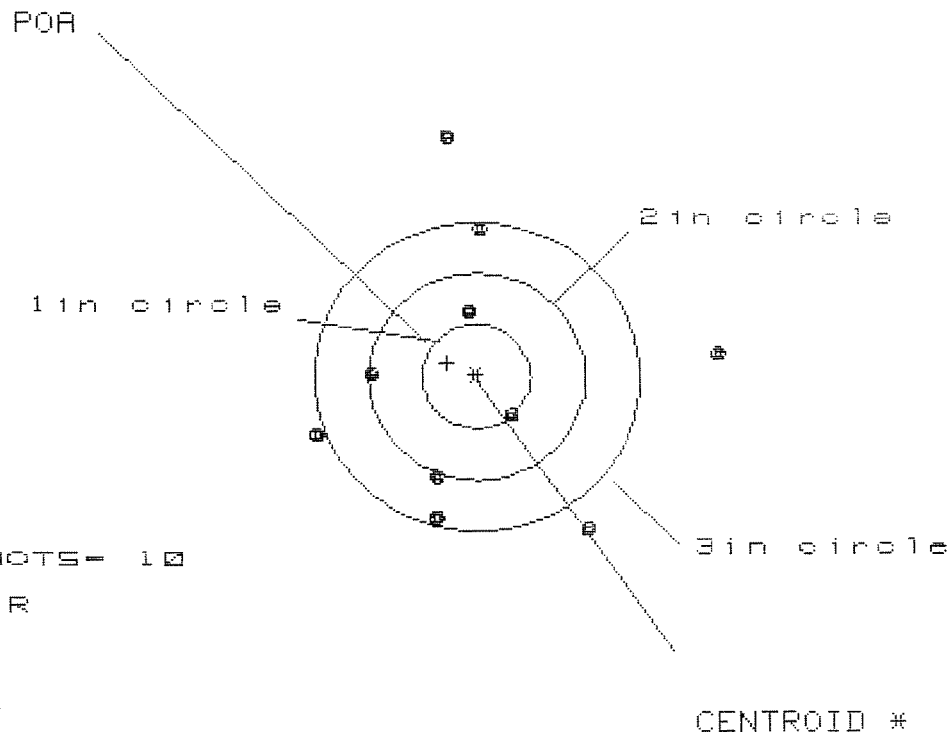
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.206	1.257	1.206
MINIMUM X	-.811	-.760	-.811
MAXIMUM Y	1.713	1.497	.697
MINIMUM Y	-1.945	-.918	-.731
CENTROID X	-.065	-.116	-.065
CENTROID Y	-.113	.103	-.084
POA TO CENTROID in.	.130	.156	.106
MIN RADIUS	.152	.278	.163
MEAN RADIUS	1.012	.892	.793
MAX RADIUS	1.999	1.553	1.214
HORIZONTAL SPREAD	2.017	2.017	2.017
VERTICAL SPREAD	3.658	2.415	1.428
EXTREME SPREAD	3.773	2.696	2.168
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.668

VS= 3.769

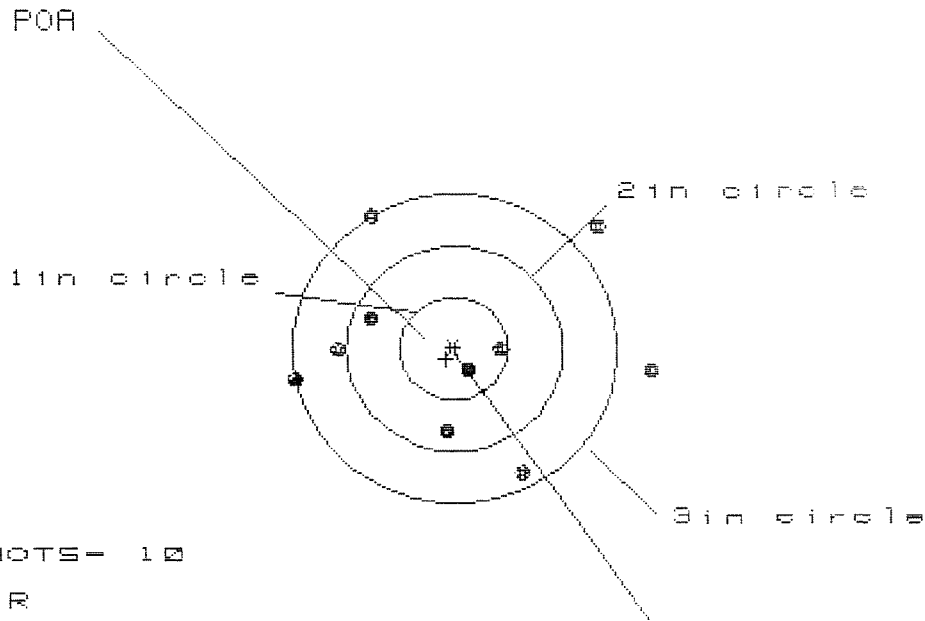
GS= 3.992

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.198	2.165	1.254
MINIMUM X	:	-1.470	-1.503	-1.232
MAXIMUM Y	:	2.317	1.657	1.717
MINIMUM Y	:	-1.452	-1.194	-1.134
CENTROID X	:	.274	.307	.036
CENTROID Y	:	-.135	-.392	-.452
POA TO CENTROID in.	:	.305	.498	.453
MIN RADIUS	:	.470	.301	.560
MEAN RADIUS	:	1.384	1.247	1.097
MAX RADIUS	:	2.337	2.217	1.736
HORIZONTAL SPREAD	:	3.668	3.668	2.486
VERTICAL SPREAD	:	3.769	2.851	2.851
EXTREME SPREAD	:	3.992	3.747	3.020
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 6

HS = 3.281

VS = 2.544

GS = 3.285

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.784	1.550	.969
MINIMUM X	-1.497	-1.299	-1.105
MAXIMUM Y	1.306	1.287	1.430
MINIMUM Y	-1.238	-1.257	-1.114
CENTROID X	.075	-.123	-.317
CENTROID Y	.103	.122	-.021
POA TO CENTROID in.	.127	.173	.317
MIN RADIUS	.254	.415	.548
MEAN RADIUS	1.151	1.075	.948
MAX RADIUS	1.792	1.930	1.493
HORIZONTAL SPREAD	3.281	2.849	2.074
VERTICAL SPREAD	2.544	2.544	2.544
EXTREME SPREAD	3.285	3.226	2.902
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

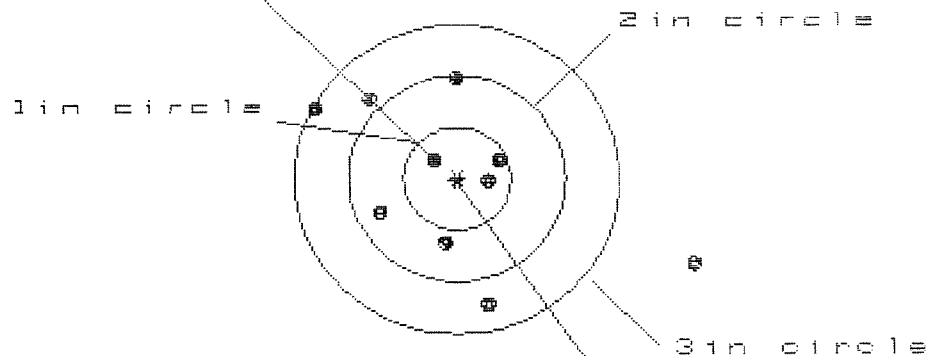
16 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522267

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 3.504

VS= 2.232

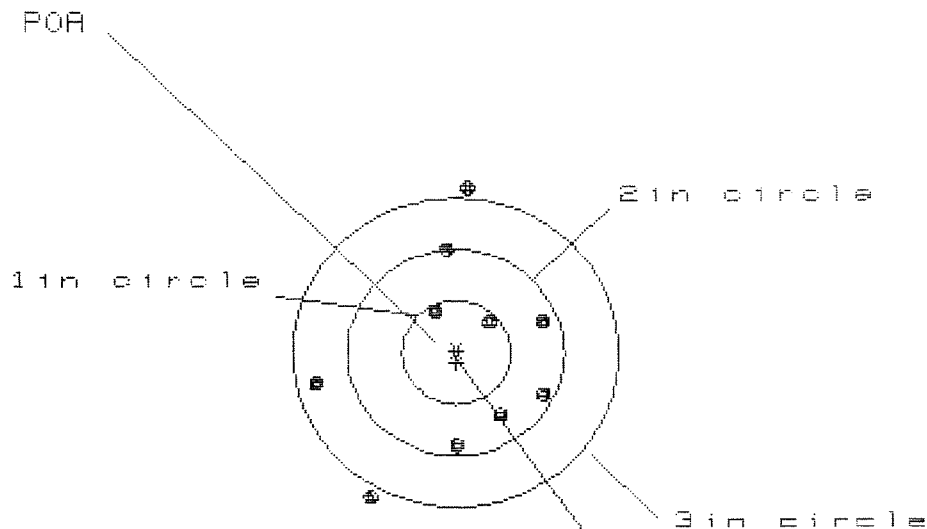
GS= 3.793

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	2.224
MINIMUM X	-1.280
MAXIMUM Y	1.005
MINIMUM Y	-1.227
CENTROID X	.016
CENTROID Y	.016
POA TO CENTROID in.	.023
MIN RADIUS	.250
MEAN RADIUS	.959
MAX RADIUS	2.361
HORIZONTAL SPREAD	3.504
VERTICAL SPREAD	2.232
EXTREME SPREAD	3.793
NUMBER IN ONE INCH CIRCLE	3
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 = 2

2 in = 6

3 in = 8

HS= 2.126

VS= 3.020

GS= 3.135

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.850	.756
MINIMUM X	:	-1.285	-1.276	-1.370
MAXIMUM Y	:	1.636	1.197	1.046
MINIMUM Y	:	-1.384	-1.202	-.879
CENTROID X	:	-.005	-.014	.080
CENTROID Y	:	.100	-.082	.069
POA TO CENTROID in.	:	.100	.083	.105
MIN RADIUS	:	.407	.559	.382
MEAN RADIUS	:	.988	.915	.822
MAX RADIUS	:	1.638	1.417	1.397
HORIZONTAL SPREAD	:	2.126	2.126	2.126
VERTICAL SPREAD	:	3.020	2.399	1.925
EXTREME SPREAD	:	3.135	2.498	2.150
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	