

06522308

MODEL 700™ M24

Model SWS™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



MOD. _____ GA. _____ GUN # C6527308
CAL. _____

#	DATE	MALFUNCTION/DEFECT	ASSEM.
TEST			#
	1st	here we go again the mag. box	15
	2nd	will not hold 5 Rds	11
	3rd	adjust Box chgd Followed	84 OK
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522308

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/9/90	RS
600	Proof		7/9/90	RS
607	Check Headspace		7/9/90	RS
610	Dis-assemble Gun		7/9/90	RS
612	Magnaflux Barrel Action		7/17/90	KR
	Magnaflux Bolt		7/17/90	KR
615	Rollmark Caliber		7/17/90	LS
617	Drill and Tap Sight Holes		7/23/90	KB
618	Polish Barrel <i>KB</i>		7/24/90	WB
620	Apply Coatings (Barrel Action)		7/26/90	RS
	Apply Coating (Bolt)			RS
625	Final Assembly A) Clean inside of Bolt Assembly		8/15/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/15/90	KS
	C) Inspect Ejector Hole for Chamfer		8/15/90	KS
	D) Oil Firing Pin Ass'y		8/15/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-14-90	RS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/16/90	92
	G) Safety Off Force	3	3	3			8/16/90	92
	H) Trigger Pull Test & Retainability						9-14-90	84
	I) Firing Pin Indent	.023	.023	.023			8/16/90	94
	J) Assemble Stock						8/16/90	KS
	K) Assemble Swivel Studs						9/15/90	92
	L) Attach Front and Rear Sight Assemblies						8/16/90	KS
	M) Iron Sight Alignment						8/16/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/16/90	KS
	O) Attach Scope to Rifle						8/16/90	KS
	P) Detach & Attach Scope 20 Times						8/16/90	KS
640	Gallery Target & Test						8-17-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						8-17-90	A
655	Final Inspection							
	A) Headspace						9/15/90	92
	B) Trigger Pull	2-30	2-45	2-15	2-34	2-34	9-14-90	92
	C) Function						9/15/90	92
660	Pack						2/19/90	15

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C6522308DATE 9-14-90TESTER JE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.19	2.39	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.28	2.35	2.45	
PULL #3	2.36	2.37	2.35	2.15	
PULL #4	2.49	2.37	2.45	2.36	
PULL #5	2.39	2.29	2.38	2.34	
TOTAL	12.19	11.50	11.92	11.60	
AVG.	2.438	2.3	2.384	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.15		
PULL #2	3.14	3.38		
PULL #3	3.31	3.31		
PULL #4	3.26	3.32		
PULL #5	3.23	3.33		
TOTAL	16.06	16.49		
AVG.	3.212	3.298		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.30		4.22
PULL #2	4.50	4.26		4.29
PULL #3	4.31	4.38		4.27
PULL #4	4.19	4.36		4.28
PULL #5	4.26	4.31		4.28
TOTAL	21.38	21.61		21.34
AVG.	4.276	4.322		4.268

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522308
17 Aug 1990

CENTROIDAL DISTANCES

0 TO 1	.129283
1 TO 2	.231054
1 TO 3	.400371
1 TO 4	.19601
1 TO 5	.16261

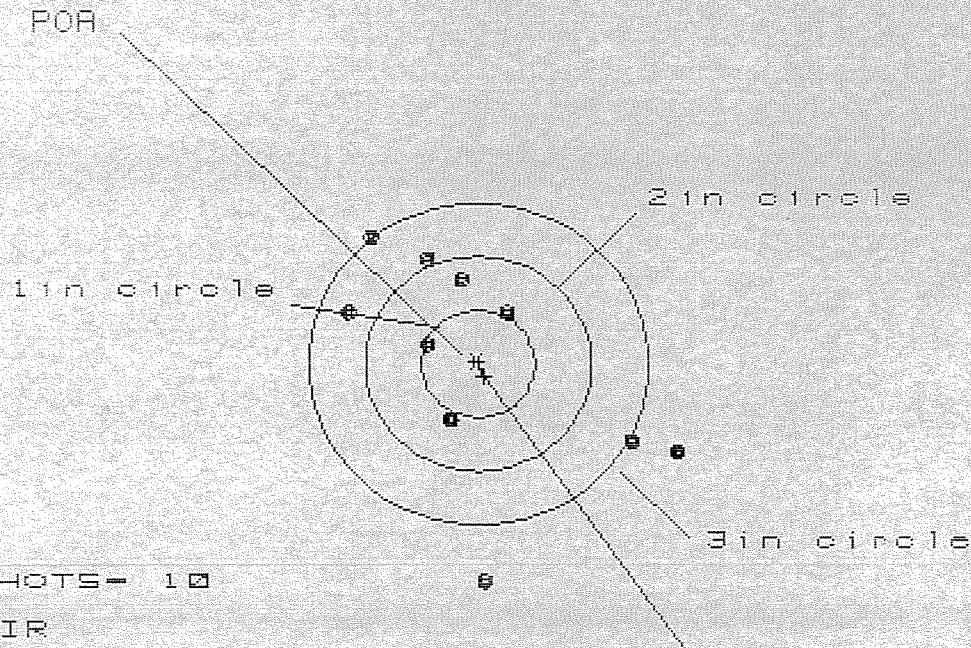
3.45 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0926
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .100246
THE AMR FOR THIS RIFLE IS: 1.023

17 Aug 1990

FILE:~/PATTERNING/CENTERFIRE_PATT/C6522308

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.853

VS= 3.142

GS= 3.273

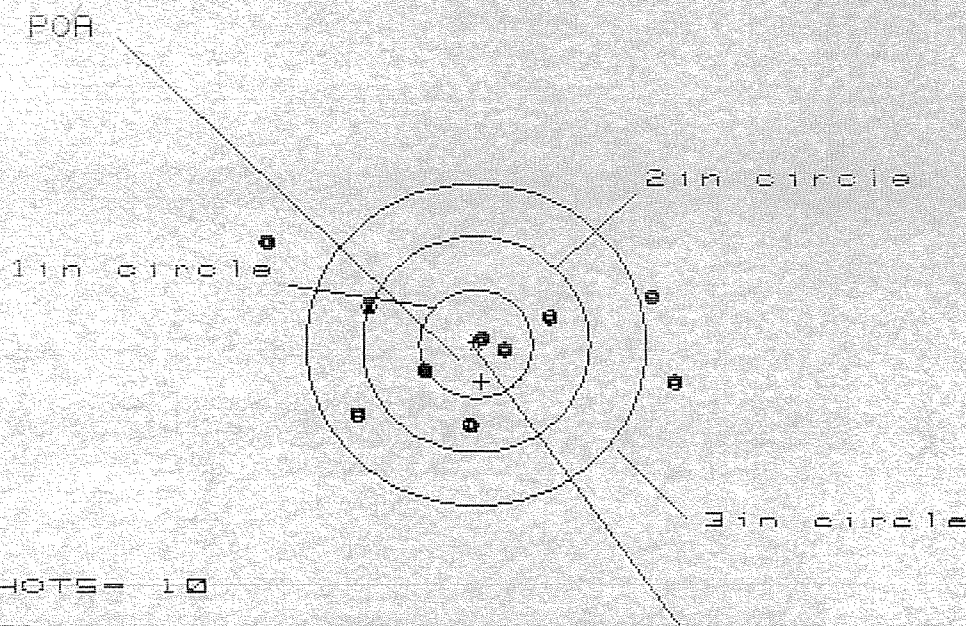
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.716	1.718	1.551
MINIMUM X	:	-1.137	-1.135	-.920
MAXIMUM Y	:	1.155	.934	.806
MINIMUM Y	:	-1.987	-1.029	-1.059
CENTROID X	:	-.055	-.057	-.271
CENTROID Y	:	.117	.338	.466
POA TO CENTROID in.	:	.129	.342	.540
MIN RADIUS	:	.424	.373	.266
MEAN RADIUS	:	1.149	1.009	.821
MAX RADIUS	:	1.987	2.002	1.879
HORIZONTAL SPREAD	:	2.853	2.853	2.472
VERTICAL SPREAD	:	3.142	1.963	1.865
EXTREME SPREAD	:	3.273	3.267	2.907
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

17 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522308

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 7

HS = 3.687

VS = 1.632

GS = 3.898

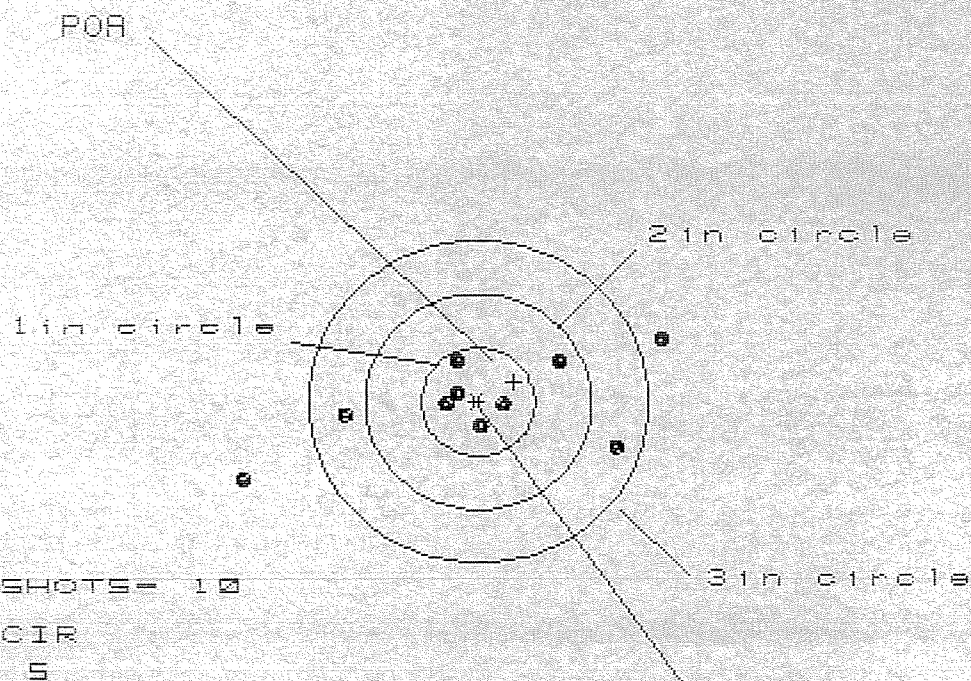
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.792	1.581	1.544
MINIMUM X	:	-1.895	-1.234	-1.036
MAXIMUM Y	:	.912	.503	.471
MINIMUM Y	:	-.720	-.619	-.651
CENTROID X	:	-.050	.161	-.037
CENTROID Y	:	.348	.247	.279
POA TO CENTROID in.	:	.352	.295	.281
MIN RADIUS	:	.046	.116	.102
MEAN RADIUS	:	1.007	.880	.767
MAX RADIUS	:	2.103	1.601	1.614
HORIZONTAL SPREAD	:	3.687	2.815	2.580
VERTICAL SPREAD	:	1.632	1.122	1.122
EXTREME SPREAD	:	3.898	2.842	2.787
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522308

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 5

2in = 6

3in = 8

HS = 3.722

VS = 1.331

GS = 3.953

CENTROID #

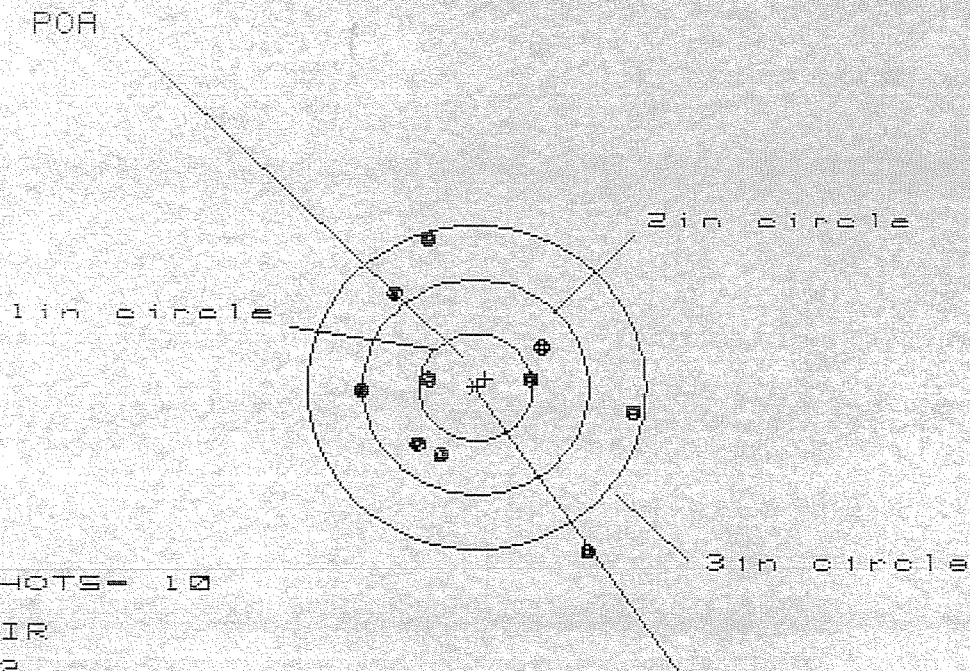
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.611	1.377	1.180
MINIMUM X	:	-2.111	-1.447	-1.275
MAXIMUM Y	:	.611	.531	.402
MINIMUM Y	:	-.720	-.493	-.426
CENTROID X	:	-.319	-.085	-.257
CENTROID Y	:	-.184	-.104	-.171
POA TO CENTROID in.	:	.369	.134	.308
MIN RADIUS	:	.180	.142	.190
MEAN RADIUS	:	.865	.728	.591
MAX RADIUS	:	2.230	1.476	1.279
HORIZONTAL SPREAD	:	3.722	2.824	2.455
VERTICAL SPREAD	:	1.331	1.024	.828
EXTREME SPREAD	:	3.953	2.908	2.477
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522308

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.437

VS= 2.900

GS= 3.224

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.535	1.495
MINIMUM X	:	-1.012	-.902	-.942
MAXIMUM Y	:	1.392	1.225	.871
MINIMUM Y	:	-1.508	-.766	-.613
CENTROID X	:	-.083	-.193	-.153
CENTROID Y	:	-.077	.090	-.063
POA TO CENTROID in.	:	.114	.213	.165
MIN RADIUS	:	.454	.349	.401
MEAN RADIUS	:	.988	.882	.821
MAX RADIUS	:	1.799	1.587	1.516
HORIZONTAL SPREAD	:	2.437	2.437	2.437
VERTICAL SPREAD	:	2.900	1.991	1.484
EXTREME SPREAD	:	3.224	2.467	2.446
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

17 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522308

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.552

VS = 3.197

GS = 3.290

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.207	1.220
MINIMUM X	:	-1.278	-1.345	-1.332
MAXIMUM Y	:	1.572	1.315	1.133
MINIMUM Y	:	-1.625	-1.450	-0.762
CENTROID X	:	.044	.111	.098
CENTROID Y	:	-.012	-.187	-.006
POA TO CENTROID in.	:	.046	.217	.098
MIN RADIUS	:	.563	.591	.512
MEAN RADIUS	:	1.105	1.033	.966
MAX RADIUS	:	1.685	1.454	1.338
HORIZONTAL SPREAD	:	2.552	2.552	2.552
VERTICAL SPREAD	:	3.197	2.765	1.896
EXTREME SPREAD	:	3.290	2.766	2.552
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington®



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

MODEL 700™ H24

SERIAL NO.

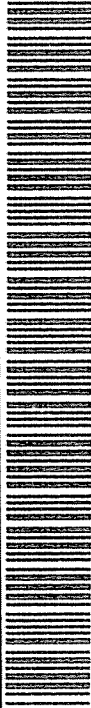
C6522308

ORDER NO.

5716

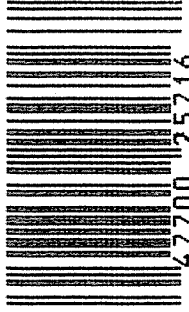
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6522308

UPC



0 47700 25716 7

Repair Inquiry

Repair Number: **RE00102767**

Serial: C6522308 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1990

Repairman:

Status: Closed 10/26/2005 7:46:29 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **PR W7LZ CAMP SHELBY DET 57**

PR W7LZ CAMP SHELBY DET 57

Address 1: **OEF TRAINING BDE ROTATION**

OEF TRAINING BDE ROTATION

Address 2: **BLDG 6520 WAREHOUSE AVE**

BLDG 6520 WAREHOUSE AVE

PO Box:

PO Box:

City: **CAMP SHELBY**

CAMP SHELBY

State: **MS**

Zip Code: **39407**

Country: **US**

State: **MS**

Zip Code: **39407**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **601 558 4593**

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	TORQUE WTENCH	1
C001	SPOTTING SCOPE	1

Repair Search

Refresh

Close

neglaj

10/26/2005

9:34 AM

CAPS

NUM

INS

CCPL

start

2

2

3

Arms S

Serial Number:

C6522308

Model: **M24 SWS**



RE00102767

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522308.___0
FILE DATE AND TIME: 11/23/2005 21:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	0.024
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.503
The Distance from POA to Centroid Target #1:	0.127
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.216
The Distance from Centroid Target #4 to Centroid Target #1:	0.264
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: C6522308. __0

TARGET NUMBER: 1

FILE DATE: 11/23/2005

FILE TIME: 21:23

X CENTROID: -0.063

Y CENTROID: 0.110

POA TO CENTROID: 0.127

HORZ SPREAD: 2.012

VERT SPREAD: 1.134

GROUP SPREAD: 2.158

MIN RADIUS: 0.153

MAX RADIUS: 1.149

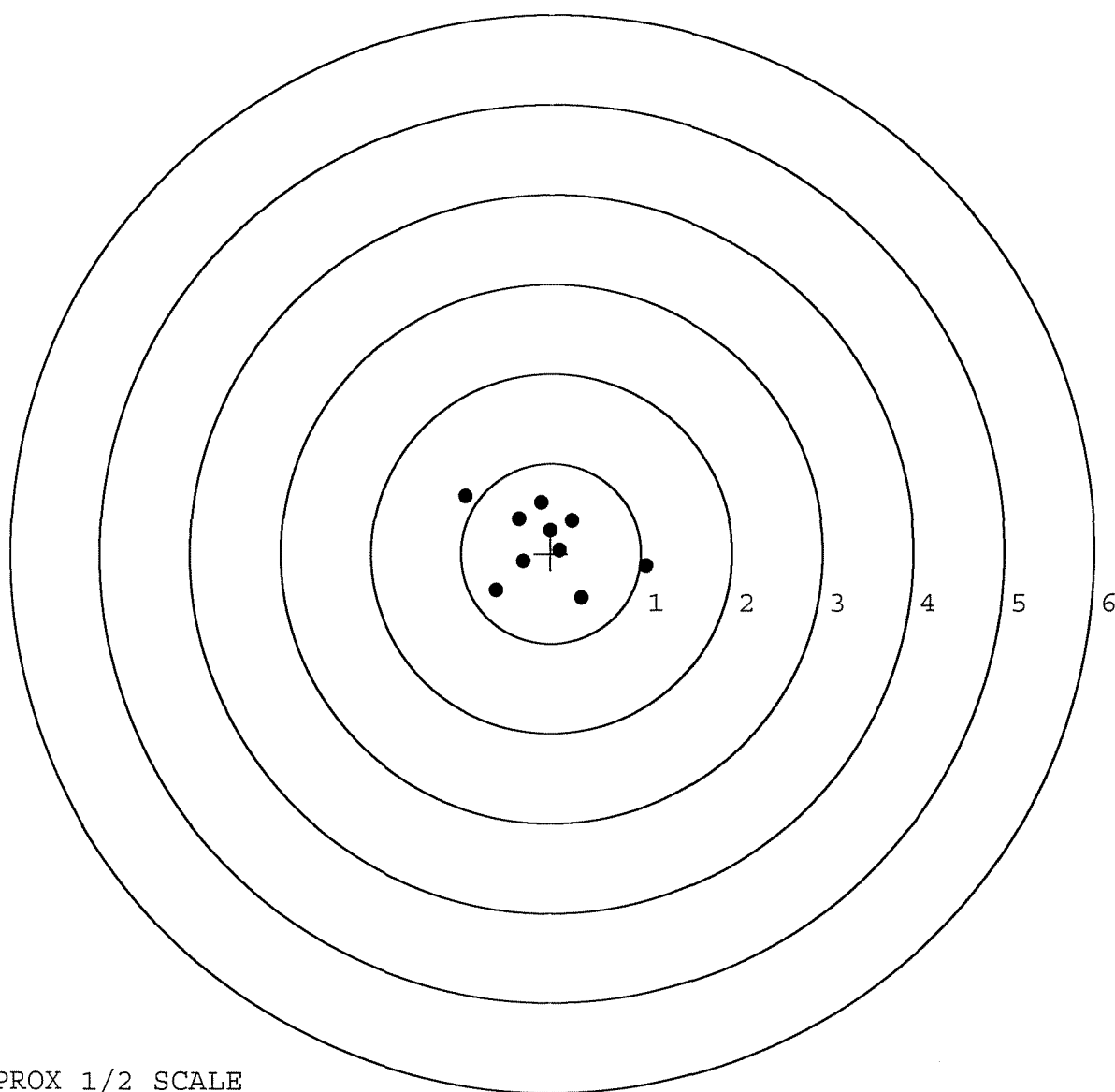
MEAN RADIUS: 0.557

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

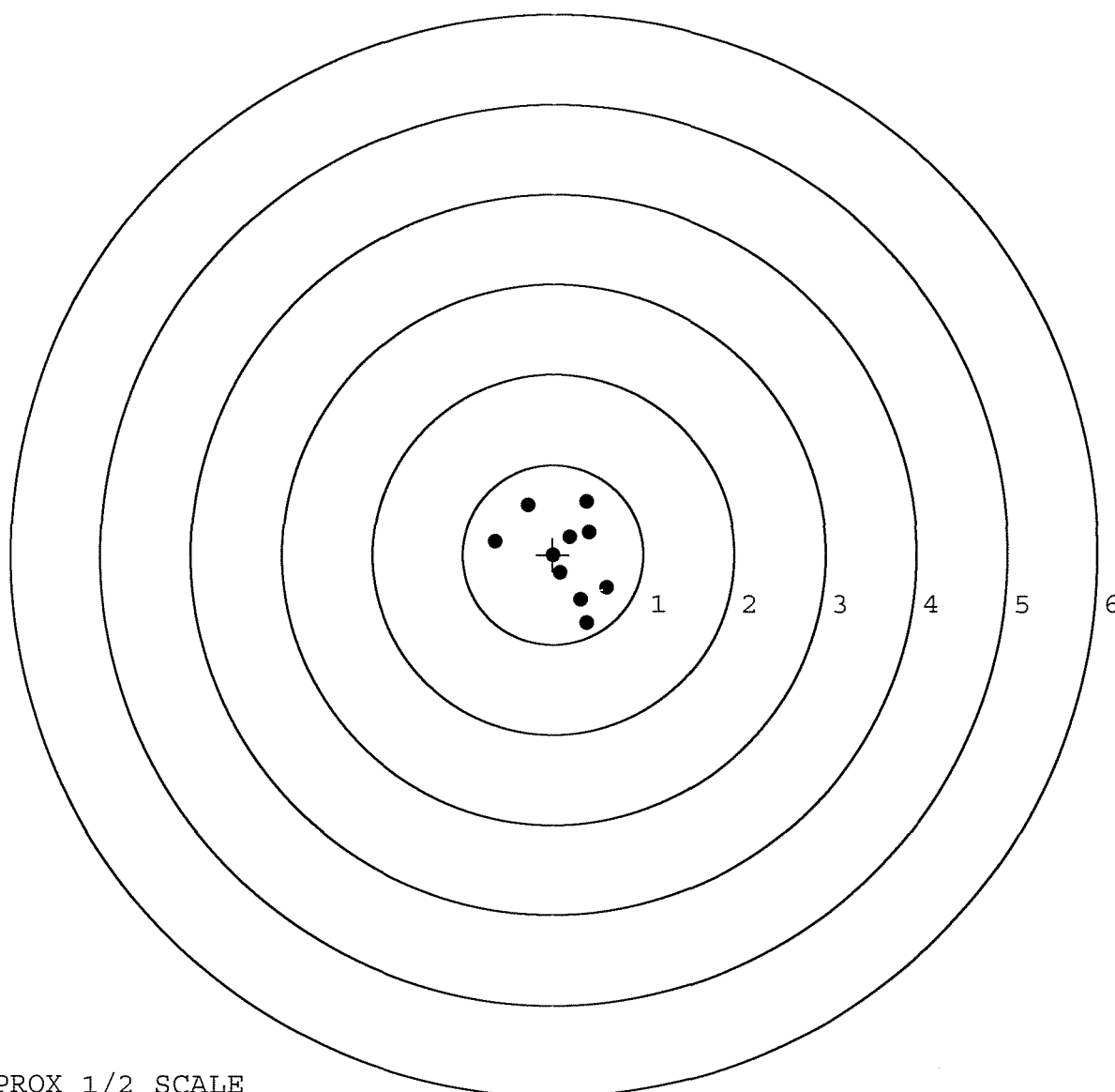
POINT#	X	Y
1:	-0.312	-0.092
2:	-0.610	-0.408
3:	-0.360	0.384
4:	-0.012	0.255
5:	-0.116	0.564
6:	0.235	0.365
7:	0.346	-0.497
8:	-0.954	0.637
9:	1.058	-0.143
10:	0.097	0.038



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522308. __0
TARGET NUMBER: 2
FILE DATE: 11/23/2005
FILE TIME: 21:23

	POINT#	X	Y
	1:	0.081	-0.203
	2:	0.307	-0.502
	3:	0.379	-0.765
	4:	0.596	-0.370
X CENTROID:	5:	0.188	0.194
Y CENTROID:	6:	0.400	0.247
POA TO CENTROID:	7:	0.369	0.589
HORZ SPREAD:	8:	-0.286	0.549
VERT SPREAD:	9:	-0.645	0.152
GROUP SPREAD:	10:	0.003	-0.009
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			4
# IN 2 IN DIAMETER:			10
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522308. 0

TARGET NUMBER: 3

FILE DATE: 11/23/2005

FILE TIME: 21:23

X CENTROID: -0.251

Y CENTROID: 0.004

POA TO CENTROID: 0.251

HORZ SPREAD: 1.413

VERT SPREAD: 1.471

GROUP SPREAD: 1.639

MIN RADIUS: 0.113

MAX RADIUS: 0.954

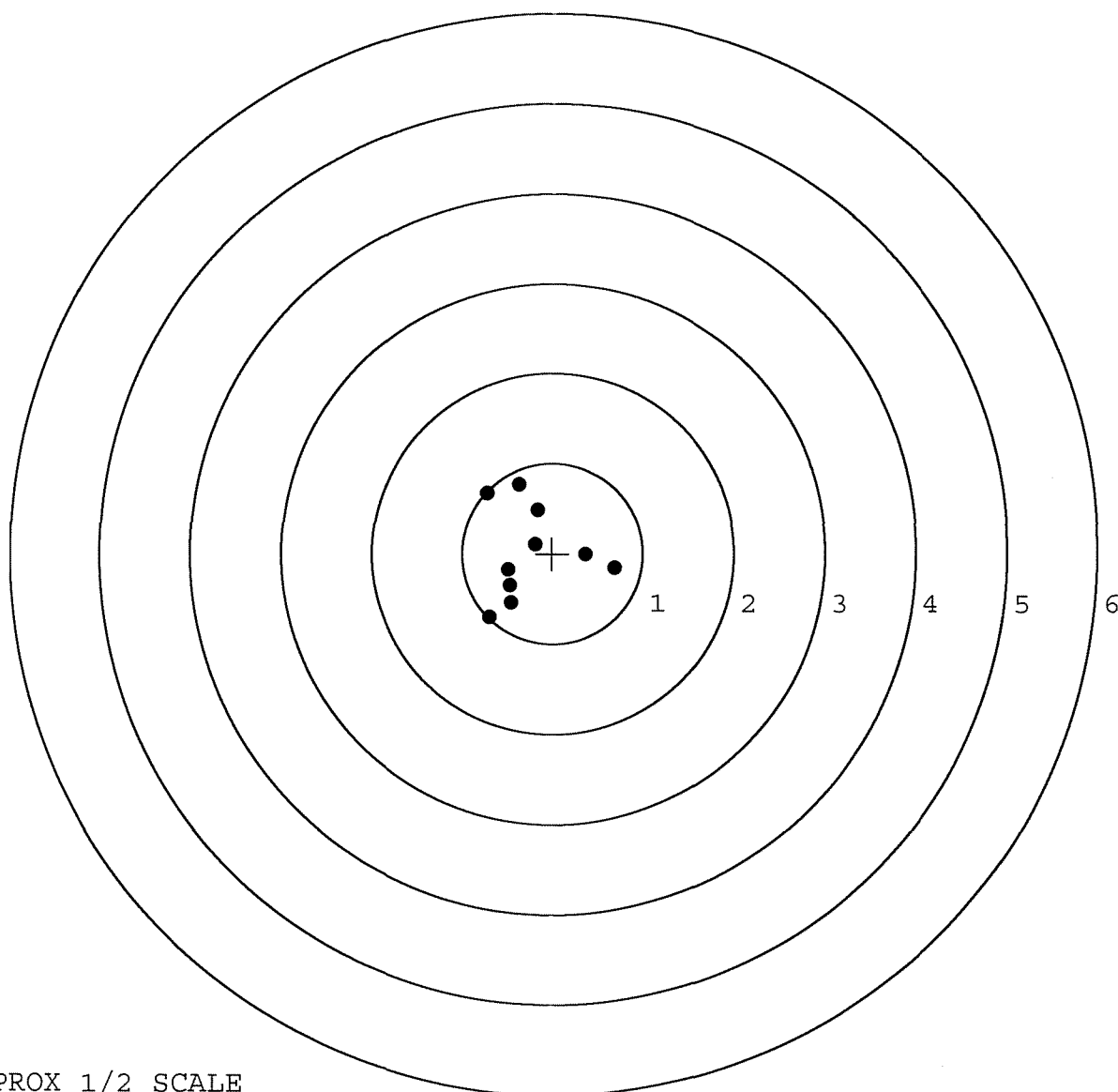
MEAN RADIUS: 0.591

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.725	0.669
2:	-0.377	0.760
3:	-0.167	0.481
4:	-0.191	0.100
5:	-0.489	-0.183
6:	-0.470	-0.359
7:	-0.456	-0.547
8:	-0.696	-0.711
9:	0.369	-0.008
10:	0.688	-0.162

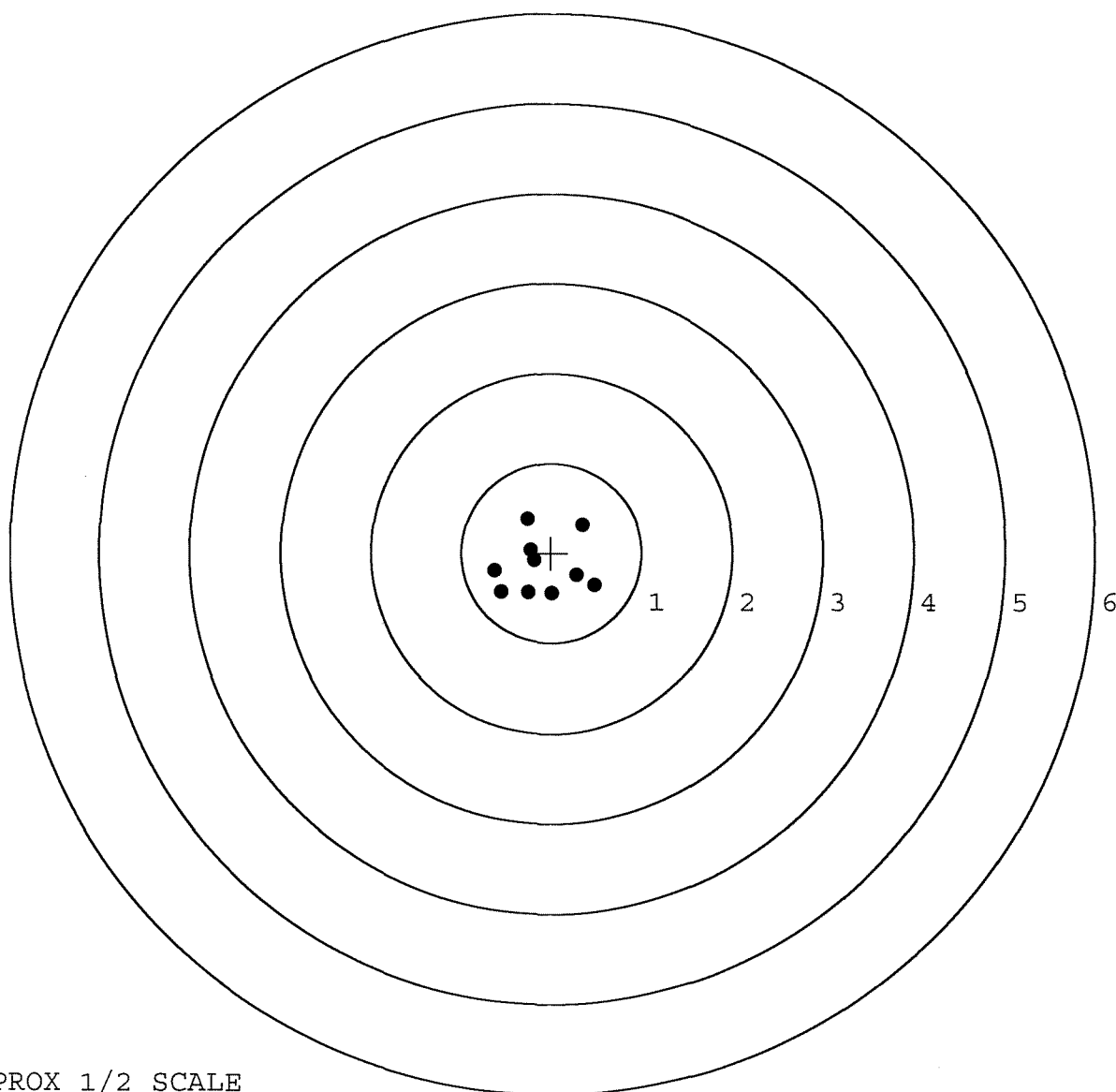


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522308. __0
TARGET NUMBER: 4
FILE DATE: 11/23/2005
FILE TIME: 21:23

X CENTROID: -0.100
Y CENTROID: -0.152
POA TO CENTROID: 0.182
HORZ SPREAD: 1.112
VERT SPREAD: 0.836
GROUP SPREAD: 1.187
MIN RADIUS: 0.111
MAX RADIUS: 0.653
MEAN RADIUS: 0.430
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.228	0.037
2:	-0.269	0.380
3:	-0.630	-0.204
4:	-0.557	-0.445
5:	-0.255	-0.451
6:	0.012	-0.456
7:	0.283	-0.247
8:	0.482	-0.363
9:	0.351	0.320
10:	-0.190	-0.086



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522308. __0

TARGET NUMBER: 5

FILE DATE: 11/23/2005

FILE TIME: 21:23

X CENTROID: 0.066

Y CENTROID: 0.169

POA TO CENTROID: 0.181

HORZ SPREAD: 0.944

VERT SPREAD: 1.397

GROUP SPREAD: 1.448

MIN RADIUS: 0.071

MAX RADIUS: 0.947

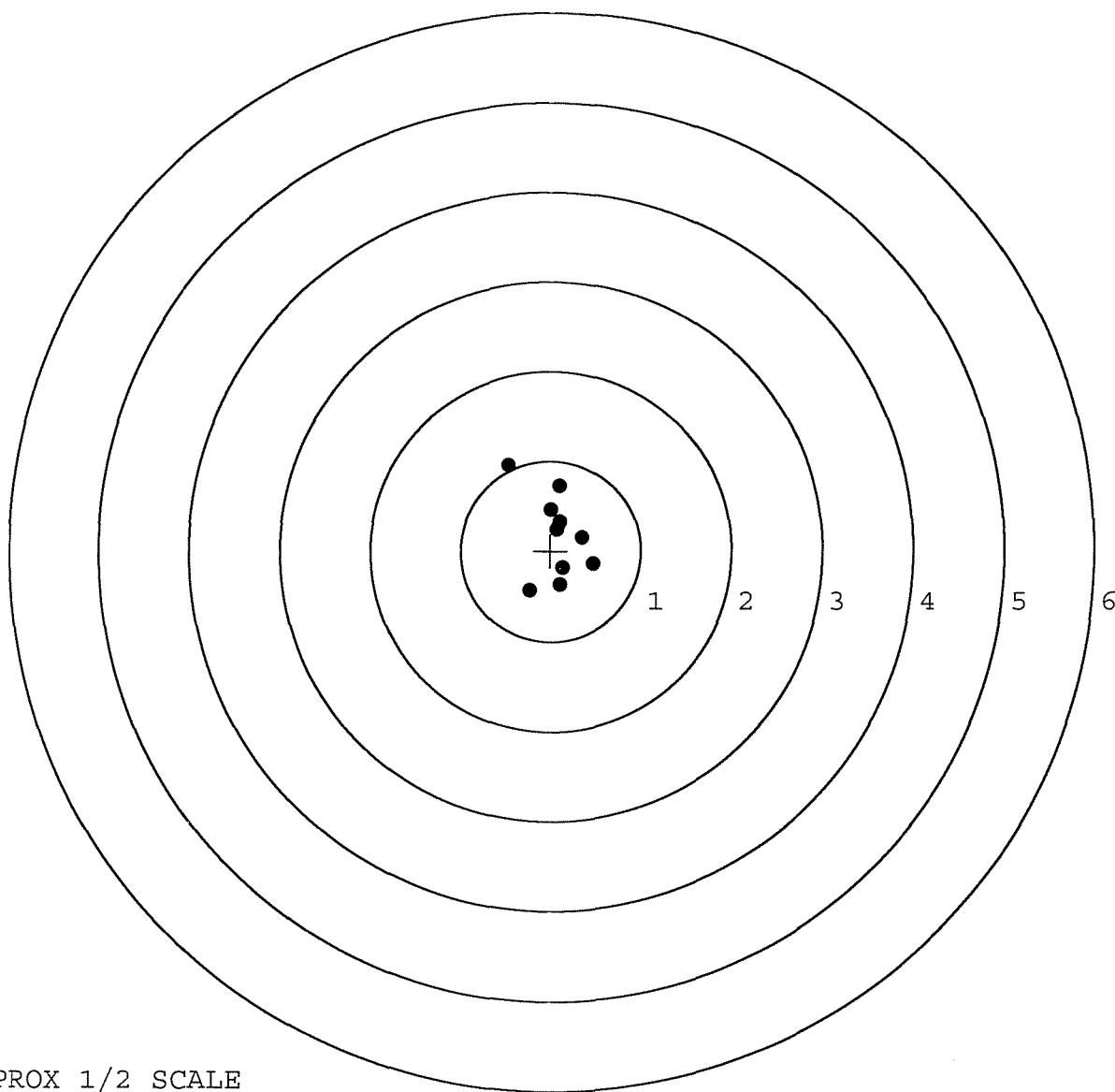
MEAN RADIUS: 0.443

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.104	0.723
2:	0.006	0.460
3:	0.071	0.240
4:	0.350	0.149
5:	0.476	-0.142
6:	0.134	-0.191
7:	0.110	-0.377
8:	-0.232	-0.446
9:	-0.468	0.951
10:	0.105	0.323



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102767		Camp Shelby	
SERIAL NUMBER	C6522308			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-3-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE	NOV 12 2005	11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR <u>WUR</u>	11-18-05	WUR
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11-22-05	RB
625	FINAL ASSEMBLY		11-23-05	RB
640	FUNCTION TEST AND	PASS FAIL	11-23-05	WJH
650	TARGET	PASS FAIL	11-23-05	WJH
	MALFUNCTION Bolt closes hard	CORRECTION OK	11-28-05	AC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-28-05	AC
	A) HEADSPACE	PASS FAIL	11-28-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		X
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs	AC
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	AC
	I) FIRING PIN INDENT	.020	.024 .024 .024	AC
690	PACK		12-2-05	WJH