

C6225267

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington



MODEL 700™ H24

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



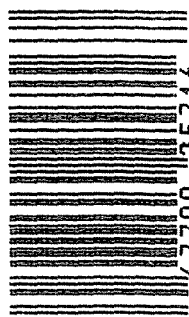
REG. U.S. PAT. & T.M. OFF.

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

SERIAL NO. C6225267	ORDER NO. 5716
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5716 C6225267



UPC

0 47700 25716 7

3

#

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225267

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8 9	8/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	10	8/88	RW
612	Magnaflux Barrel Action		9-14-88	PJC.
	Magnaflux Bolt		9-14-88	PJC.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/11/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/11/89	RW
	C) Inspect Ejector Hole for Chamfer		1/11/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		1/11/89	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		10 Jan 89	JSJ
	F) Safety on Force	5 5 5	11 Jan 89	JSJ
	G) Safety off Force	3 3 3	11 Jan 89	JSJ
	H) Trigger Pull Test & Retainability		10 Jan 89	JSJ
	I) Firing Pin Indent	.0205 .0205 .0205	11 Jan 89	JSJ
	J) Assemble Stock		1/11/89	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		1/11/89	RW
	M) Iron Sight Alignment		1/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container		1/11/89	RW
	O) Attach Scope to Rifle		16 Jan 89	JSJ
	P) Detach & Attach Scope 20 times		16 Jan 89	JSJ
640	Gallery Target & Test	75 R 76 L	1/27/89	PH
	A) Optical Clarity of Scope		1/27/89	PH
645	Inspect for Live Ammo		1/27/89	PH
655	Final Inspection			
	A) Headspace		27 Jan 89	JSJ
	B) Trigger Pull	2.53 2.51 2.58 2.61 2.45	27 Jan 89	JSJ
	C) Function		27 Jan 89	JSJ
660	Pack		22 Mar 89	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225267DATE 4-6-90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.41	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.35	2.39	
PULL #3	2.41	2.41	2.40	
PULL #4	2.52	2.42	2.40	
PULL #5	2.56	2.42	2.38	
TOTAL	12.38	12.01	12.03	
AVG.	2.47	2.41	2.21	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.27	3.20	
PULL #2	3.10	3.03	
PULL #3	3.27	3.15	
PULL #4	3.24	3.15	
PULL #5	3.00	3.03	
TOTAL	15.88	15.56	
AVG.	3.17	3.11	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.35		
PULL #2	4.36	4.46		
PULL #3	4.39	4.33		
PULL #4	4.45	4.26		
PULL #5	4.45	4.19		
TOTAL	22.05	21.59		
AVG.	4.41	4.31		

Jan 20, 1989

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225267

CENTROIDAL DISTANCES

0 TO	1	.0558032
1 TO	2	.176777
1 TO	3	.154402
1 TO	4	.388032
1 TO	5	.321076

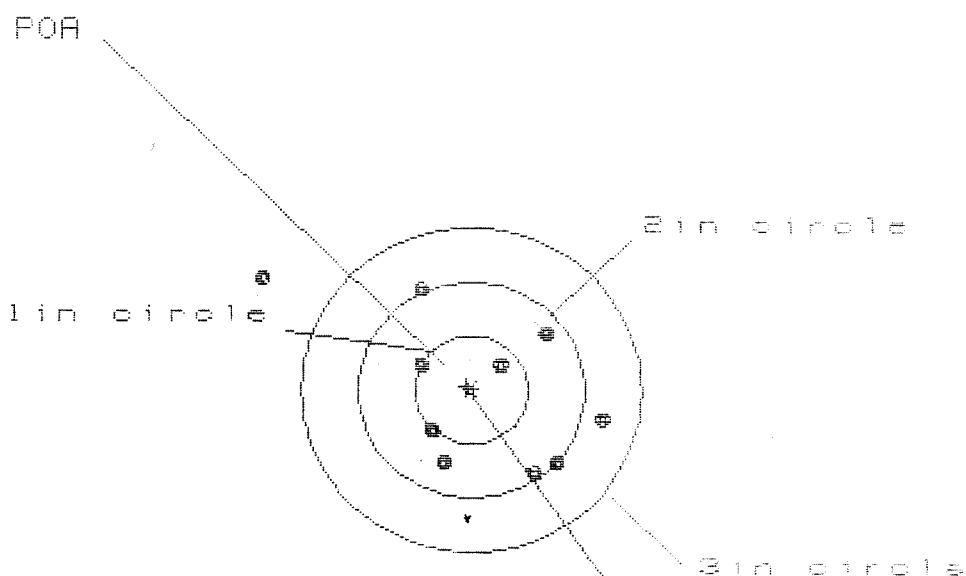
278 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1814
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0296
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .183795
THE AMR FOR THIS RIFLE IS: .9476

20 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/062232B7

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 3.023

VS= 1.826

GS= 3.296

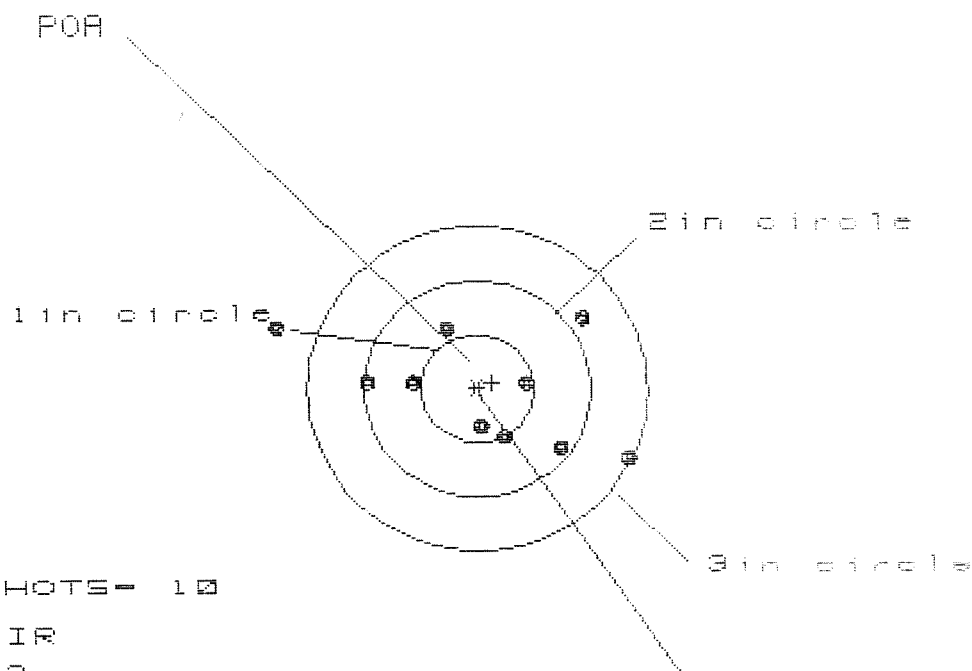
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.184	.980	.639
MINIMUM X	-1.839	-.658	-.536
MAXIMUM Y	1.020	.997	.974
MINIMUM Y	-.806	-.692	-.715
CENTROID X	.045	.249	.127
CENTROID Y	-.033	-.147	-.124
POA TO CENTROID in.	.056	.289	.178
MIN RADIUS	.306	.322	.331
MEAN RADIUS	.917	.766	.727
MAX RADIUS	2.103	1.193	1.111
HORIZONTAL SPREAD	3.023	1.638	1.175
VERTICAL SPREAD	1.826	1.689	1.689
EXTREME SPREAD	3.296	2.014	1.966
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225267

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 3.011

VS= 1.357

GS= 3.239

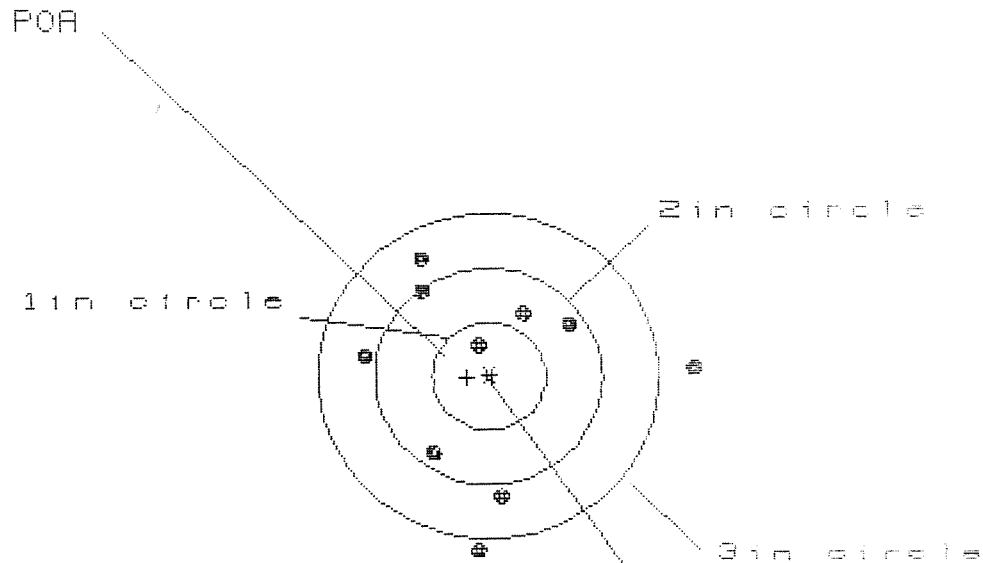
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.289	1.098	.939
MINIMUM X	:	-1.722	-1.194	-1.057
MAXIMUM Y	:	.689	.747	.671
MINIMUM Y	:	-.668	-.610	-.518
CENTROID X	:	-.130	.061	-.076
CENTROID Y	:	-.058	-.116	-.040
POA TO CENTROID in.	:	.142	.131	.086
MIN RADIUS	:	.326	.257	.347
MEAN RADIUS	:	.873	.743	.683
MAX RADIUS	:	1.801	1.256	1.074
HORIZONTAL SPREAD	:	3.011	2.292	1.896
VERTICAL SPREAD	:	1.357	1.357	1.189
EXTREME SPREAD	:	3.239	2.402	2.000
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225267

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.942

VS= 2.680

GS= 2.943

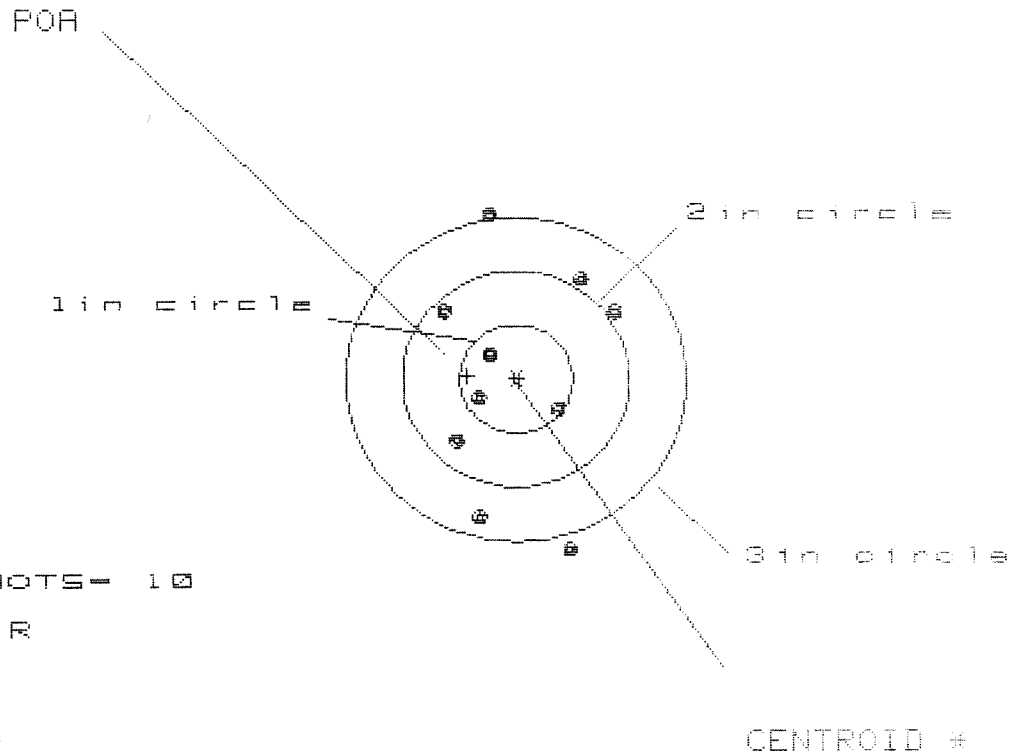
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.856	.923	.938
MINIMUM X	:	-1.086	-.879	-.864
MAXIMUM Y	:	1.103	1.110	.914
MINIMUM Y	:	-1.578	-1.570	-1.256
CENTROID X	:	.193	-.014	-.029
CENTROID Y	:	.011	.004	.201
POA TO CENTROID in.	:	.193	.014	.203
MIN RADIUS	:	.346	.362	.199
MEAN RADIUS	:	1.049	.944	.821
MAX RADIUS	:	1.857	1.575	1.291
HORIZONTAL SPREAD	:	2.942	1.802	1.802
VERTICAL SPREAD	:	2.680	2.680	2.170
EXTREME SPREAD	:	2.943	2.727	2.268
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225267

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 1.464

VS= 3.088

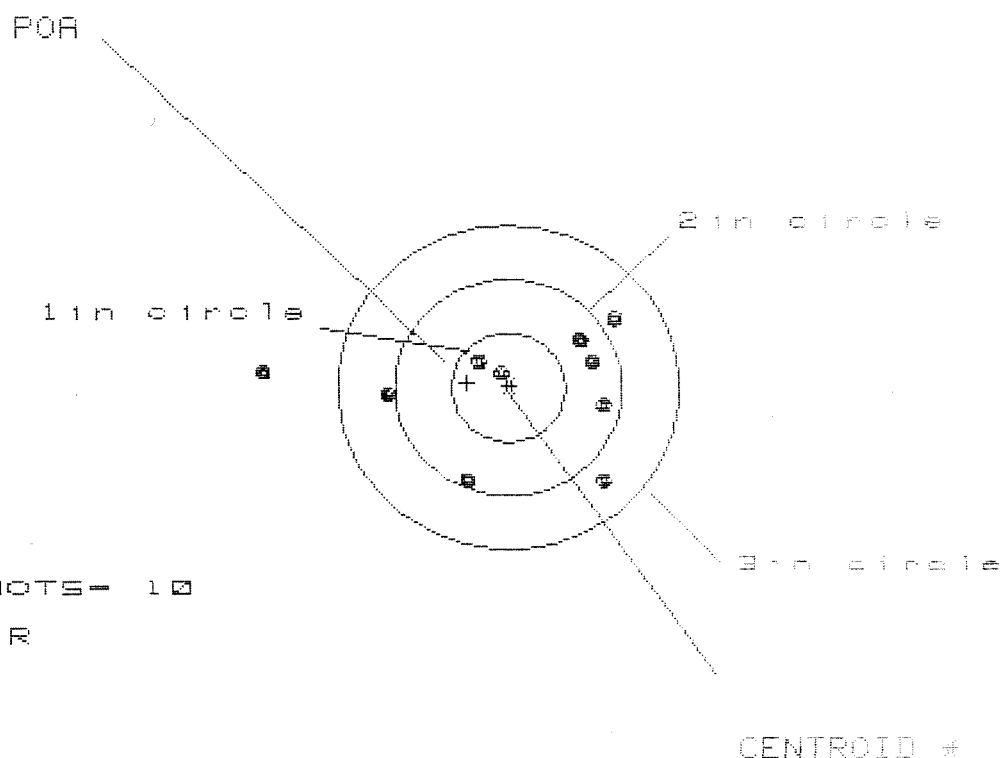
GS= 3.169

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.871	.924	.902
MINIMUM X	:	-.593	-.540	-.562
MAXIMUM Y	:	1.499	1.323	.929
MINIMUM Y	:	-1.589	-1.416	-1.251
CENTROID X	:	.433	.380	.402
CENTROID Y	:	-.028	.148	-.017
POA TO CENTROID in.	:	.434	.408	.402
MIN RADIUS	:	.304	.191	.272
MEAN RADIUS	:	.949	.857	.785
MAX RADIUS	:	1.660	1.444	1.288
HORIZONTAL SPREAD	:	1.464	1.464	1.464
VERTICAL SPREAD	:	3.088	2.739	2.180
EXTREME SPREAD	:	3.169	2.741	2.349
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/082252B7

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 3.135

VS= 1.556

GS= 3.182

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	.728	.780
MINIMUM X	:	-2.166	-1.348	-1.257
MAXIMUM Y	:	.684	.699	.565
MINIMUM Y	:	-.872	-.857	-.769
CENTROID X	:	.366	.607	.516
CENTROID Y	:	-.040	-.055	-.140
POA TO CENTROID in.	:	.368	.609	.535
MIN RADIUS	:	.172	.326	.325
MEAN RADIUS	:	.950	.787	.766
MAX RADIUS	:	2.171	1.348	1.259
HORIZONTAL SPREAD	:	3.135	2.076	1.957
VERTICAL SPREAD	:	1.556	1.556	1.334
EXTREME SPREAD	:	3.182	2.197	2.068
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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: RE00153048

Serial: C6225267 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989

Repairman:

Verify Repair

Status:

Closed 10/9/2008 10:13:35 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: GSC 7TH SFG

GSC 7TH SFG

Address 1: BLDG E-3928 77TH SFWAY

BLDG E-3928 77TH SFWAY

Address 2: PO Box:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC Zip Code: 28310

Country: US

State: NC Zip Code: 28310

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
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/14/2008

9:46 AM

CAPS

NUM

INS

SCRL



Serial Number: **C6225267**
 Model: **M24 SWS**

RE00153048

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

R & E NUMBER 153048
SERIAL NUMBER C6225267
LOG-IN DATE 10-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-17-08	RTZ
505	RE-BARREL	10-21-08	RTZ
560	ASSEMBLE	10-21-08	RTZ
600	PROOF	10-21-08	SP
605	CHECK HEADSPACE	10-21-08	SP
610	DIS-ASSEMBLE GUN	10-21-08	SP
612	MAGNAFLUX	10-21-08	SP
510	DRILL AND TAP	10-22-08	SP
615	ROLLMARK CALIBER	10-24-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-29	
625	FINAL ASSEMBLY	11-3-08	RTZ
640	FUNCTION TEST AND	11-4-08	TC
650	TARGET	11-4-08	TC
	MALFUNCTION BAC	CORRECTION	11-4-08
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	11-4-08
670	FINAL INSPECTION	11-5-08	SP
	A) HEADSPACE	11-5-08	SP
	B) TRIGGER PULL	2.75 2.87 2.58 2.58 2.59	11-4-08
680	F) SAFETY ON FORCE	4.0 4.0 5.0	11-5-08
	G) SAFETY OFF FORCE	4.0 4.5 4.5	11-5-08
	I) FIRING PIN INDENT	.024 .024 .024	11-5-08
690	PACK		11/7/08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225267.___0

FILE DATE AND TIME: 11/04/2008 16:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.047
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.499
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.217
The Distance from Centroid Target #3 to Centroid Target #1:	0.096
The Distance from Centroid Target #4 to Centroid Target #1:	0.056
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

SERIAL NUMBER: C6225267. 0

TARGET NUMBER: 1

FILE DATE: 11/04/2008

FILE TIME: 16:20

X CENTROID: -0.069

Y CENTROID: 0.062

POA TO CENTROID: 0.093

HORZ SPREAD: 0.909

VERT SPREAD: 1.375

GROUP SPREAD: 1.412

MIN RADIUS: 0.152

MAX RADIUS: 0.776

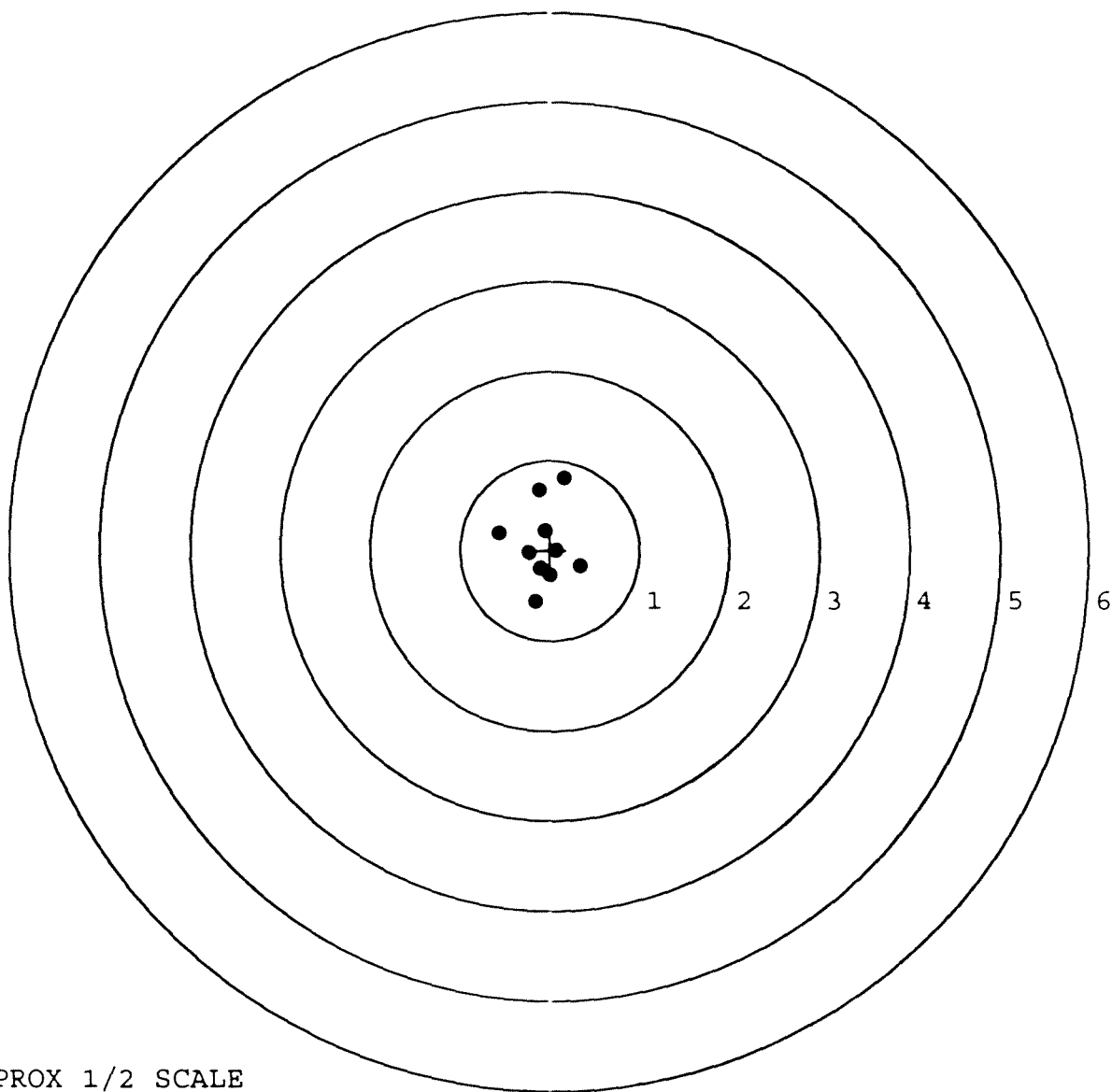
MEAN RADIUS: 0.413

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.161	0.803
2:	-0.124	0.672
3:	-0.571	0.193
4:	-0.161	-0.572
5:	0.338	-0.178
6:	-0.055	0.214
7:	-0.236	-0.031
8:	0.069	-0.004
9:	-0.109	-0.200
10:	-0.001	-0.274



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225267. 0

TARGET NUMBER: 2

FILE DATE: 11/04/2008

FILE TIME: 16:20

X CENTROID: -0.102

Y CENTROID: -0.153

POA TO CENTROID: 0.183

HORZ SPREAD: 1.435

VERT SPREAD: 1.762

GROUP SPREAD: 2.218

MIN RADIUS: 0.223

MAX RADIUS: 1.188

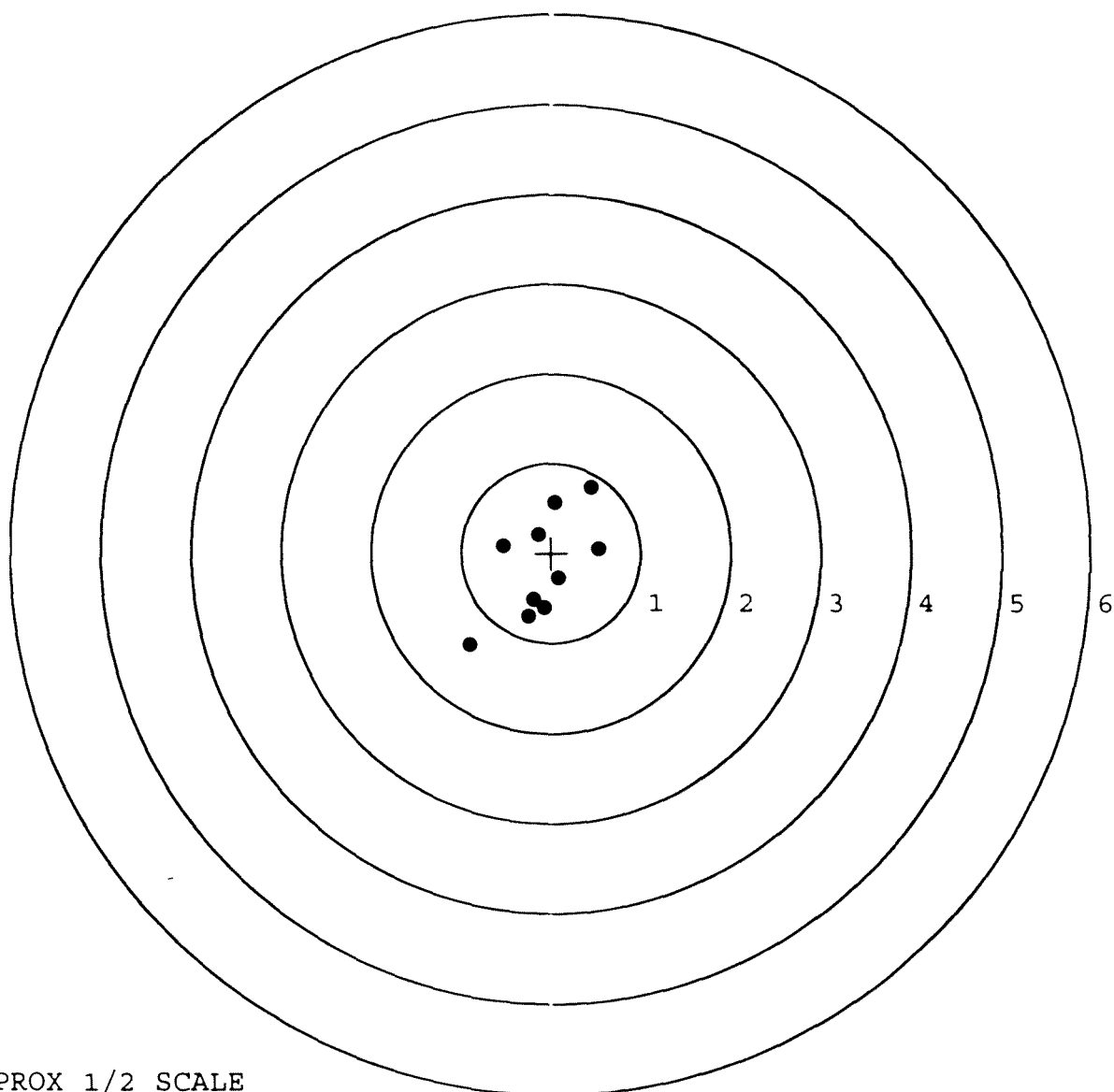
MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.906	-1.027
2:	0.441	0.735
3:	0.045	0.566
4:	-0.141	0.202
5:	0.529	0.049
6:	-0.536	0.075
7:	-0.254	-0.711
8:	-0.079	-0.615
9:	-0.197	-0.521
10:	0.081	-0.280



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225267. __0

TARGET NUMBER: 3

FILE DATE: 11/04/2008

FILE TIME: 16:20

POINT#	X	Y
1:	-0.125	-0.773
2:	0.161	0.594
3:	-0.630	0.226
4:	-0.485	0.103
5:	-0.401	-0.009
6:	0.288	-0.348
7:	0.482	0.168
8:	0.234	0.064
9:	0.212	-0.006
10:	0.183	-0.144

X CENTROID: -0.008

Y CENTROID: -0.013

POA TO CENTROID: 0.015

HORZ SPREAD: 1.112

VERT SPREAD: 1.367

GROUP SPREAD: 1.397

MIN RADIUS: 0.220

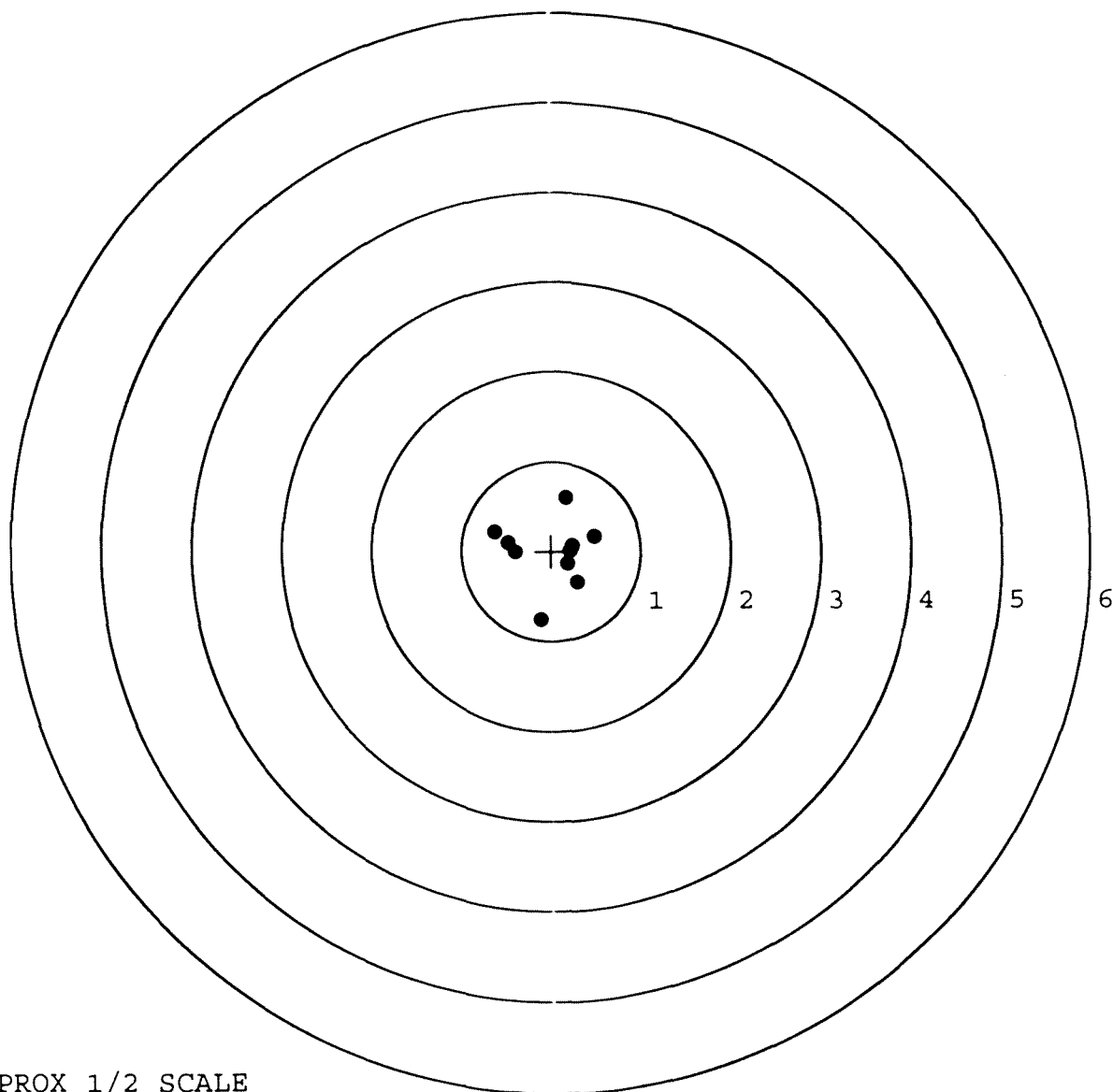
MAX RADIUS: 0.769

MEAN RADIUS: 0.462

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225267. __0

TARGET NUMBER: 4

FILE DATE: 11/04/2008

FILE TIME: 16:20

X CENTROID: -0.037

Y CENTROID: 0.016

POA TO CENTROID: 0.040

HORZ SPREAD: 1.139

VERT SPREAD: 1.175

GROUP SPREAD: 1.455

MIN RADIUS: 0.055

MAX RADIUS: 0.827

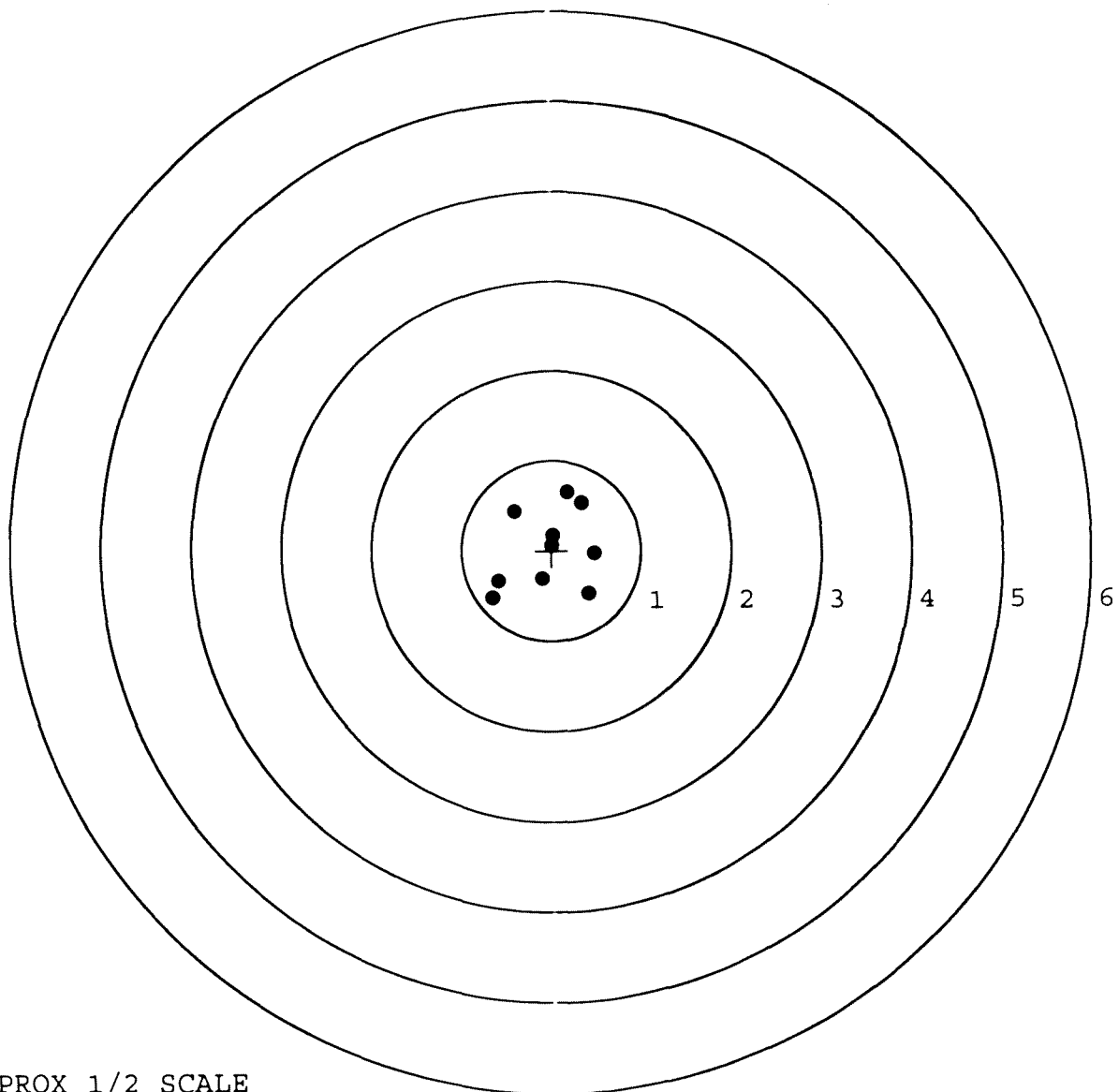
MEAN RADIUS: 0.510

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.175	0.649
2:	0.337	0.533
3:	-0.418	0.434
4:	-0.597	-0.337
5:	-0.661	-0.526
6:	0.412	-0.476
7:	0.478	-0.028
8:	-0.107	-0.318
9:	0.001	0.056
10:	0.014	0.173



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225267. __0

TARGET NUMBER: 5

FILE DATE: 11/04/2008

FILE TIME: 16:20

X CENTROID: -0.020

Y CENTROID: -0.022

POA TO CENTROID: 0.030

HORZ SPREAD: 1.338

VERT SPREAD: 1.254

GROUP SPREAD: 1.827

MIN RADIUS: 0.023

MAX RADIUS: 0.976

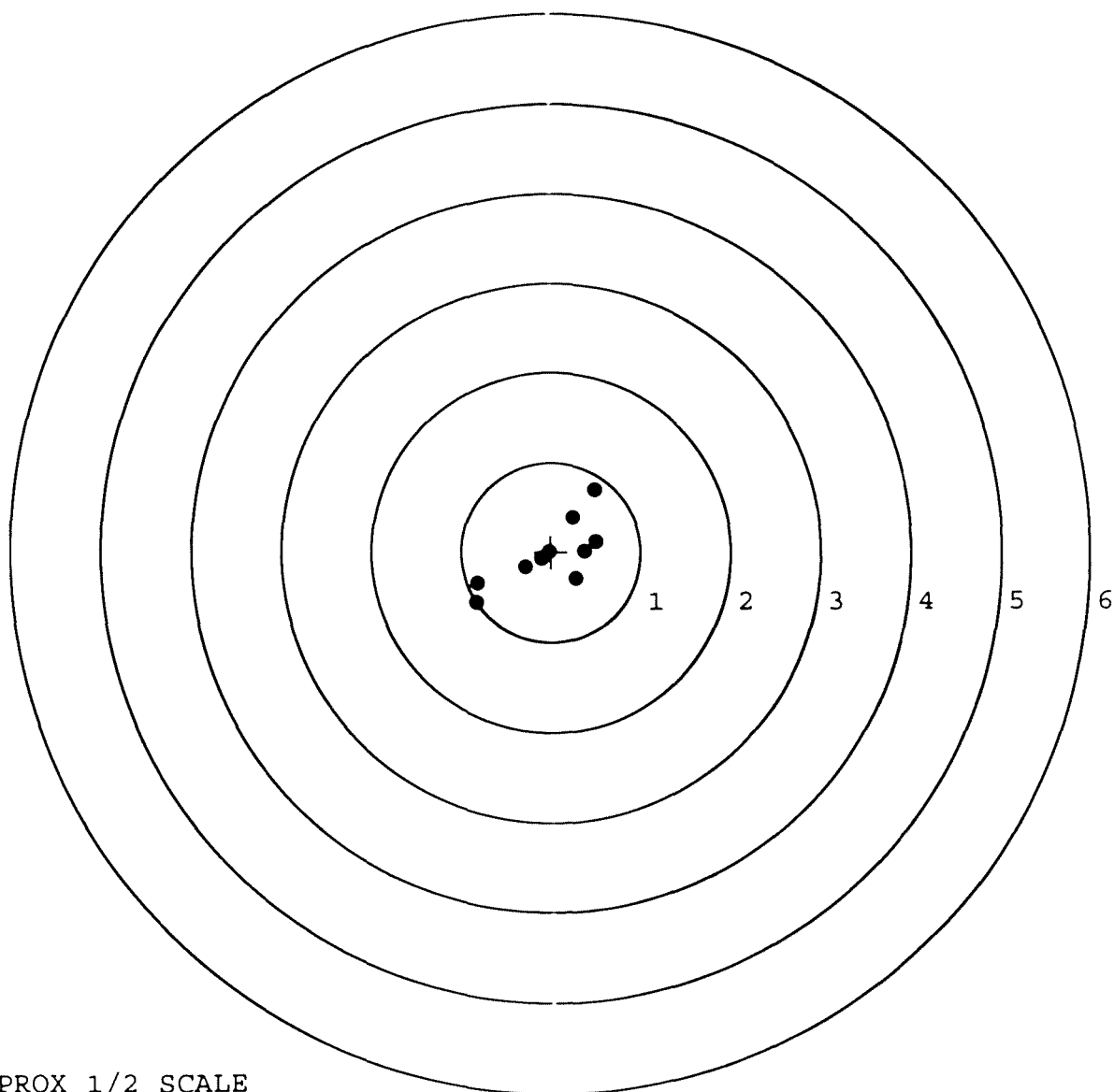
MEAN RADIUS: 0.499

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.492	0.698
2:	0.242	0.389
3:	-0.825	-0.344
4:	-0.837	-0.556
5:	0.501	0.118
6:	0.380	0.010
7:	0.275	-0.294
8:	-0.292	-0.167
9:	-0.111	-0.075
10:	-0.024	0.001



TARGET APPROX 1/2 SCALE