

G-623 6214

G6236214

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

— INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



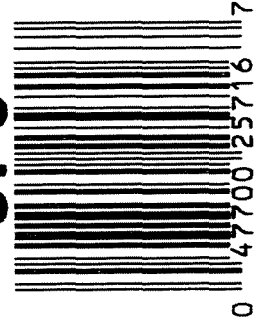
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236214

UPC



46 FORM

Repair Inquiry

Repair Number: RE00134918

Serial: G6236214 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/4/2007 9:43:00 AM

Address Information

Customer:	☒ Received From	Return To:	☐ Received From
Name:	10 SFS/S3		
Address 1:	8024 SECURITY DRIVE		
Address 2:	PO Box:		
City:	USAF ACADEMY		
State:	CO	Zip Code:	80840
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
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/4/2007

10:16 AM

CAPS

NUM

INS

SCRL

start

3 M..

6 I..

3 M..

Arm...

Part...

Part...

SAP...

10:16 AM

Serial Number: G6236214

Model: M24 SWS



RE00134918

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236214.__0

FILE DATE AND TIME: 10/10/2007 11:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

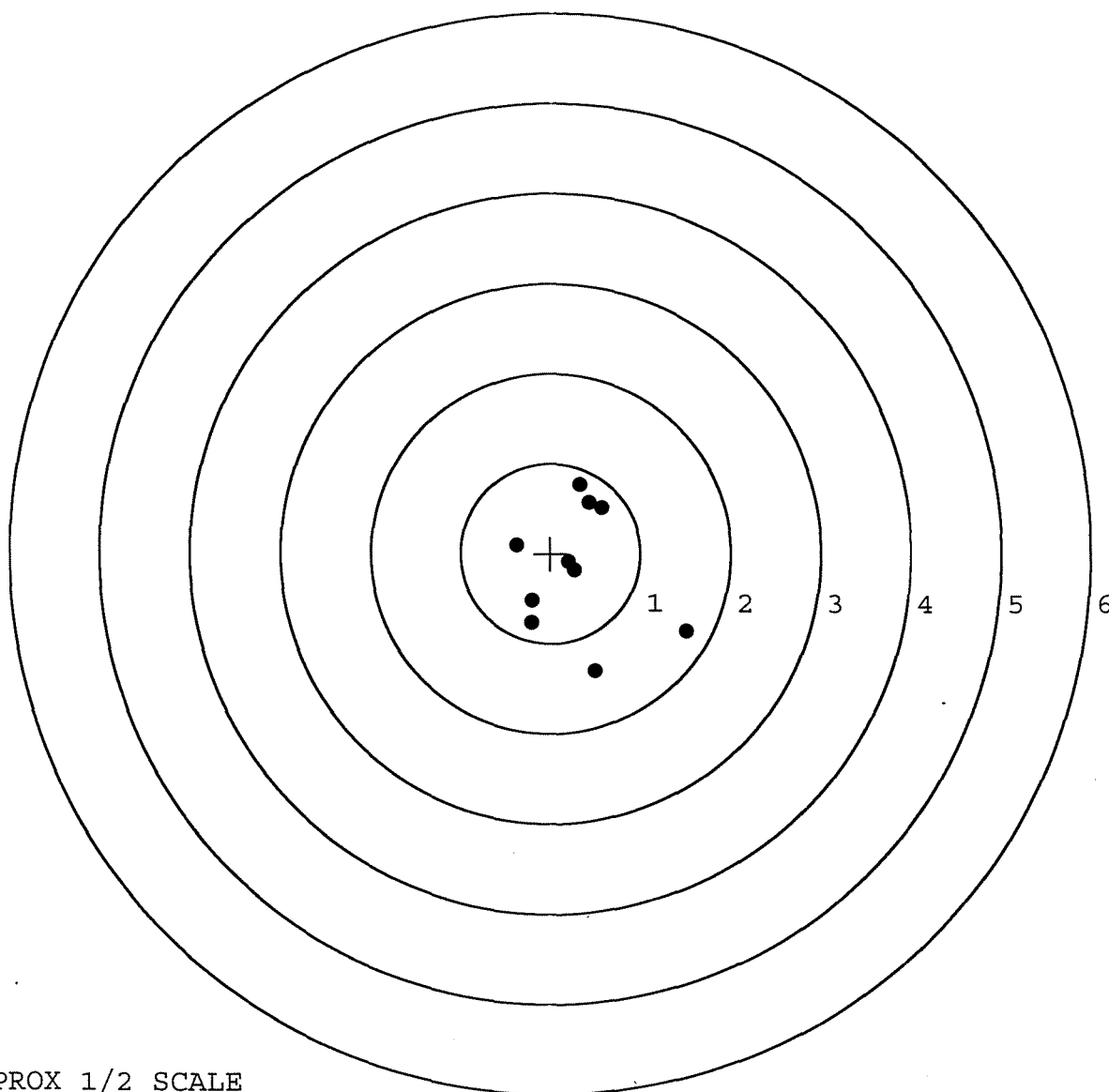
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean 1.017

SERIAL NUMBER: G6236214. __0
TARGET NUMBER: 1
FILE DATE: 10/10/2007
FILE TIME: 11:02

POINT#	X	Y
1:	0.500	-1.308
2:	-0.209	-0.779
3:	-0.201	-0.527
4:	0.273	-0.189
5:	0.202	-0.098
6:	-0.374	0.089
7:	0.570	0.501
8:	0.427	0.564
9:	0.328	0.762
10:	1.510	-0.861

X CENTROID: 0.303
Y CENTROID: -0.185
POA TO CENTROID: 0.354
HORZ SPREAD: 1.884
VERT SPREAD: 2.070
GROUP SPREAD: 2.110
MIN RADIUS: 0.030
MAX RADIUS: 1.384
MEAN RADIUS: 0.725
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

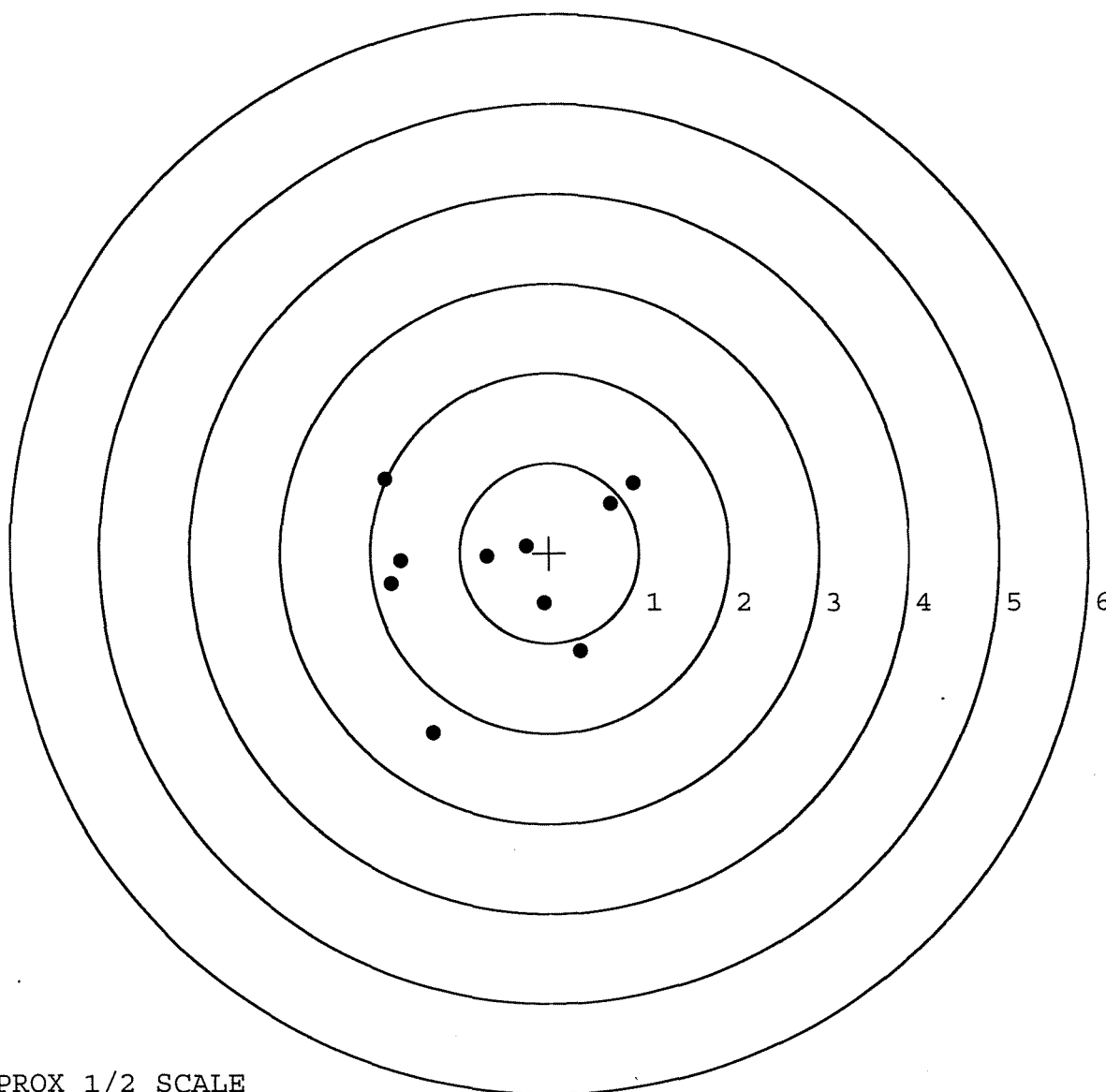


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0
TARGET NUMBER: 2
FILE DATE: 10/10/2007
FILE TIME: 11:02

X CENTROID: -0.562
Y CENTROID: -0.187
POA TO CENTROID: 0.593
HORZ SPREAD: 2.772
VERT SPREAD: 2.824
GROUP SPREAD: 3.565
MIN RADIUS: 0.206
MAX RADIUS: 1.956
MEAN RADIUS: 1.165
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.936	0.777
2:	0.684	0.551
3:	0.352	-1.091
4:	-0.064	-0.562
5:	-0.259	0.076
6:	-0.700	-0.034
7:	-1.663	-0.083
8:	-1.769	-0.337
9:	-1.304	-1.997
10:	-1.836	0.827

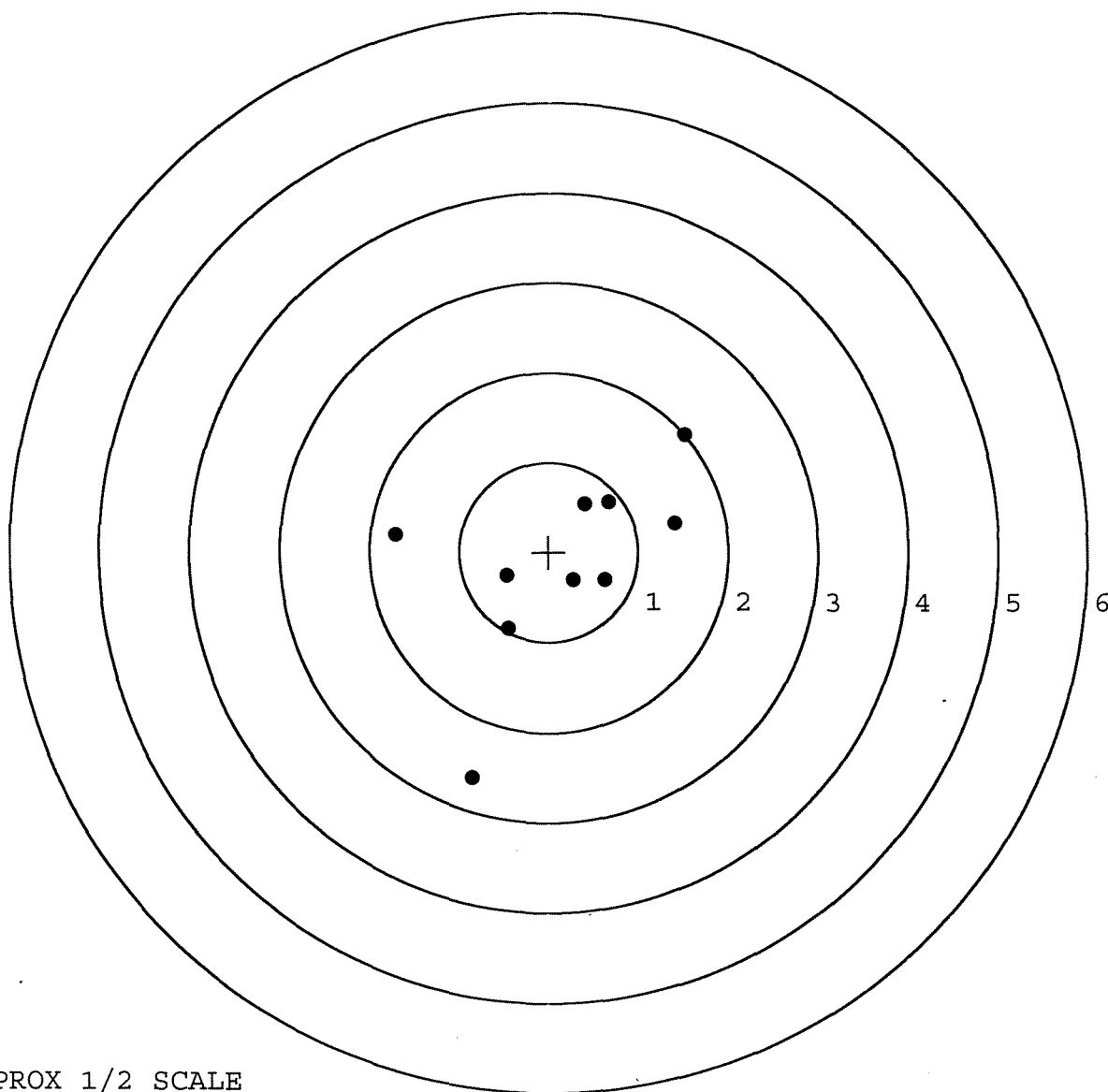


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0
TARGET NUMBER: 3
FILE DATE: 10/10/2007
FILE TIME: 11:02

POINT#	X	Y
1:	1.406	0.326
2:	1.513	1.319
3:	0.669	0.565
4:	0.402	0.536
5:	0.627	-0.310
6:	0.276	-0.314
7:	-0.469	-0.272
8:	-0.450	-0.858
9:	-1.712	0.196
10:	-0.851	-2.501

X CENTROID: 0.141
Y CENTROID: -0.131
POA TO CENTROID: 0.193
HORZ SPREAD: 3.225
VERT SPREAD: 3.820
GROUP SPREAD: 4.492
MIN RADIUS: 0.227
MAX RADIUS: 2.569
MEAN RADIUS: 1.169
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	134918			
SERIAL NUMBER	G6230214			
LOG-IN DATE	10-4-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-10-07	TRW
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	<u>PASS</u> FAIL	10-10-07	TRW
650	TARGET	<u>PASS</u> FAIL	10-10-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	10-10-07	Fm
670	FINAL INSPECTION		11-18-07	DA
	A) HEADSPACE	<u>PASS</u> FAIL	11-18-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.90 2.85 2.88 2.90 2.80 11-6-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 5.75 6.0 11-6-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 2.75 3.0 11-6-07	DA
	I) FIRING PIN INDENT	.020	.023 .0225 .0225 11-6-07	DA
690	PACK		12-03-07	DA

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66236214

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/2/02	RL
600	PROOF		9-4-02	AC
607	CHECK HEADSPACE		9-4-02	AC
610	DIS-ASSEMBLE GUN		9/3/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	MAGNA FLUX INSPECTED SEP 04 2002 OPERATOR <u>RK</u>		
615	ROLLMARK CALIBER		9/5	JB
617	DRILL AND TAP SIGHT HOLES		9-5-02	AC
620	APPLY COATINGS (BARREL ACTION)		10-1	TA
	(BOLT)		10-1	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-18-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-18-02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-18-02	DA
	D) OIL FIRING PIN ASSEMBLY		10-18-02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		11-20-02	RL
	2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.2</u> <u>6.5</u> <u>6.5</u>	10-31-02	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>3.0</u>	10-31-02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		11-20-02	RL
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	10-31-02	DA
	J) ASSEMBLE STOCK		10/21/02	RL
	K) ASSEMBLE SWIVEL STUDS		11-20-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-20-02	RL
	M) IRON SIGHT ALIGNMENT		11-20-02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-20-02	RL
640	GALLERY TEST AND TARGET	PASS FAIL	10-31-02	A
	MALFUNCTION	CORRECTION	10-31-02	A
	MALFUNCTION	CORRECTION	10-31-02	A
	MALFUNCTION	CORRECTION	10-31-02	A
	MALFUNCTION	CORRECTION	10-31-02	A
645	INSPECT FOR LIVE AMMO		10-31-02	A
655	FINAL INSPECTION A) HEADSPACE		11-20-02	RL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.48</u> <u>2.46</u> <u>2.55</u> <u>2.49</u> <u>2.32</u>	10-31-02	DA
	C) FUNCTION		11-20-02	RL
660	PACK		11/05/02	DA

INITIAL & CYCLE TESTS
 2.50# ± .50#
 3.00# ± .75#
 4.00# ± 1.00#

DATE 10-7-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.62		2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.42	2.64		2.69	
PULL #3	2.44	2.65		2.66	
PULL #4	2.65	2.63		2.63	
PULL #5	2.68	2.59		2.68	
TOTAL	12.53	13.13		13.29	
AVG.	2.50	2.62		2.65	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.13		
PULL #2	3.23	3.07		
PULL #3	3.30	3.18		
PULL #4	3.30	3.15		
PULL #5	3.20	3.18		
TOTAL	16.33	15.71		
AVG.	3.26	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.22	4.19		4.06
PULL #2	4.08	4.18		4.11
PULL #3	4.05	4.11		4.05
PULL #4	3.99	4.13		4.07
PULL #5	4.10	4.12		4.11
TOTAL	20.44	20.73		20.40
AVG.	4.08	4.14		4.08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236214.___0
FILE DATE AND TIME: 11/01/2002 10:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.150
The Average Point of Impact of the Five Target Set:	0.169
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.201
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.034
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

SERIAL NUMBER: G6236214. __0

TARGET NUMBER: 1

FILE DATE: 11/01/2002

FILE TIME: 10:19

POINT#	X	Y
1:	-0.535	-1.039
2:	-0.543	-0.627
3:	0.147	-0.765
4:	0.907	-0.780
5:	0.655	-0.522
6:	-0.104	0.211
7:	0.100	0.425
8:	-0.710	0.361
9:	-0.006	1.046
10:	0.278	-0.308

X CENTROID: 0.019

Y CENTROID: -0.200

POA TO CENTROID: 0.201

HORZ SPREAD: 1.617

VERT SPREAD: 2.085

GROUP SPREAD: 2.151

MIN RADIUS: 0.281

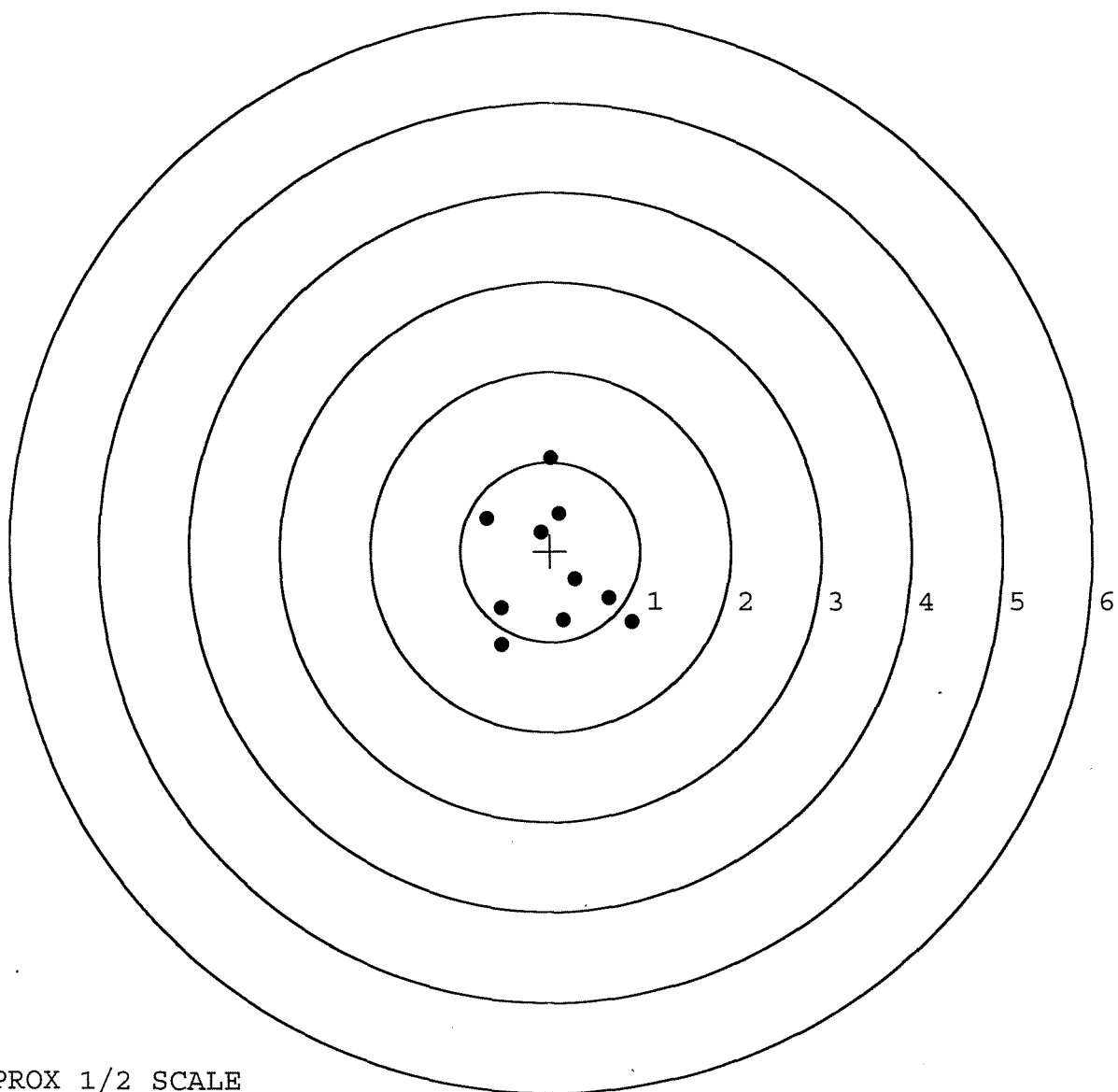
MAX RADIUS: 1.246

MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0

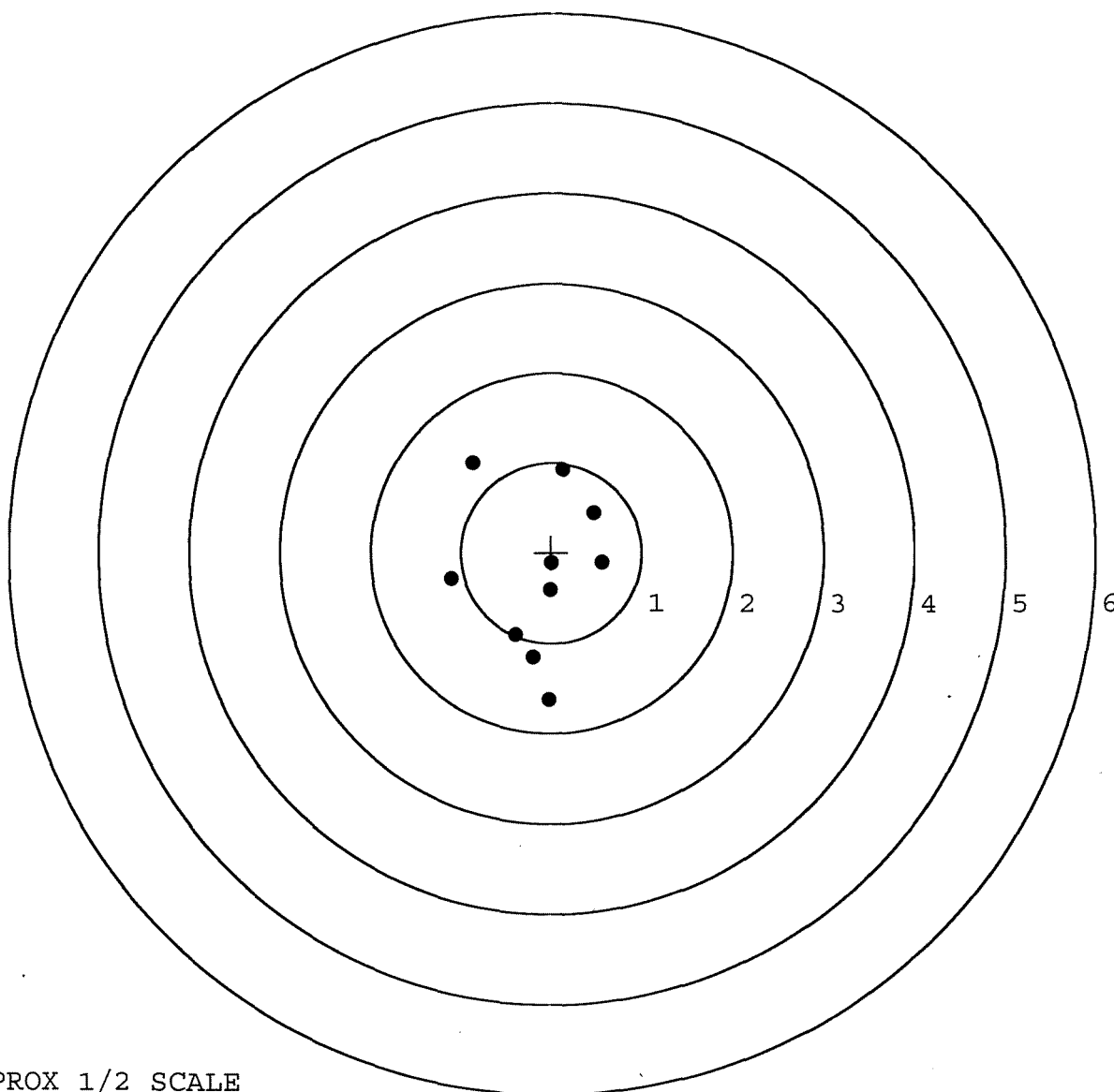
TARGET NUMBER: 2

FILE DATE: 11/01/2002

FILE TIME: 10:19

X CENTROID: -0.145
Y CENTROID: -0.229
POA TO CENTROID: 0.271
HORZ SPREAD: 1.673
VERT SPREAD: 2.634
GROUP SPREAD: 2.766
MIN RADIUS: 0.181
MAX RADIUS: 1.423
MEAN RADIUS: 0.869
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.023	-1.637
2:	-0.200	-1.163
3:	-0.396	-0.911
4:	-1.110	-0.293
5:	0.563	-0.113
6:	0.470	0.443
7:	0.131	0.921
8:	-0.867	0.997
9:	-0.004	-0.115
10:	-0.013	-0.418



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0

TARGET NUMBER: 3

FILE DATE: 11/01/2002

FILE TIME: 10:19

POINT#	X	Y
1:	0.327	-0.888
2:	-0.537	-0.771
3:	-0.116	-0.441
4:	0.313	-0.525
5:	0.570	-0.339
6:	0.182	-0.006
7:	-0.354	0.141
8:	-0.257	0.222
9:	-0.598	0.417
10:	0.409	0.416

X CENTROID: -0.006

Y CENTROID: -0.177

POA TO CENTROID: 0.178

HORZ SPREAD: 1.168

VERT SPREAD: 1.305

GROUP SPREAD: 1.600

MIN RADIUS: 0.254

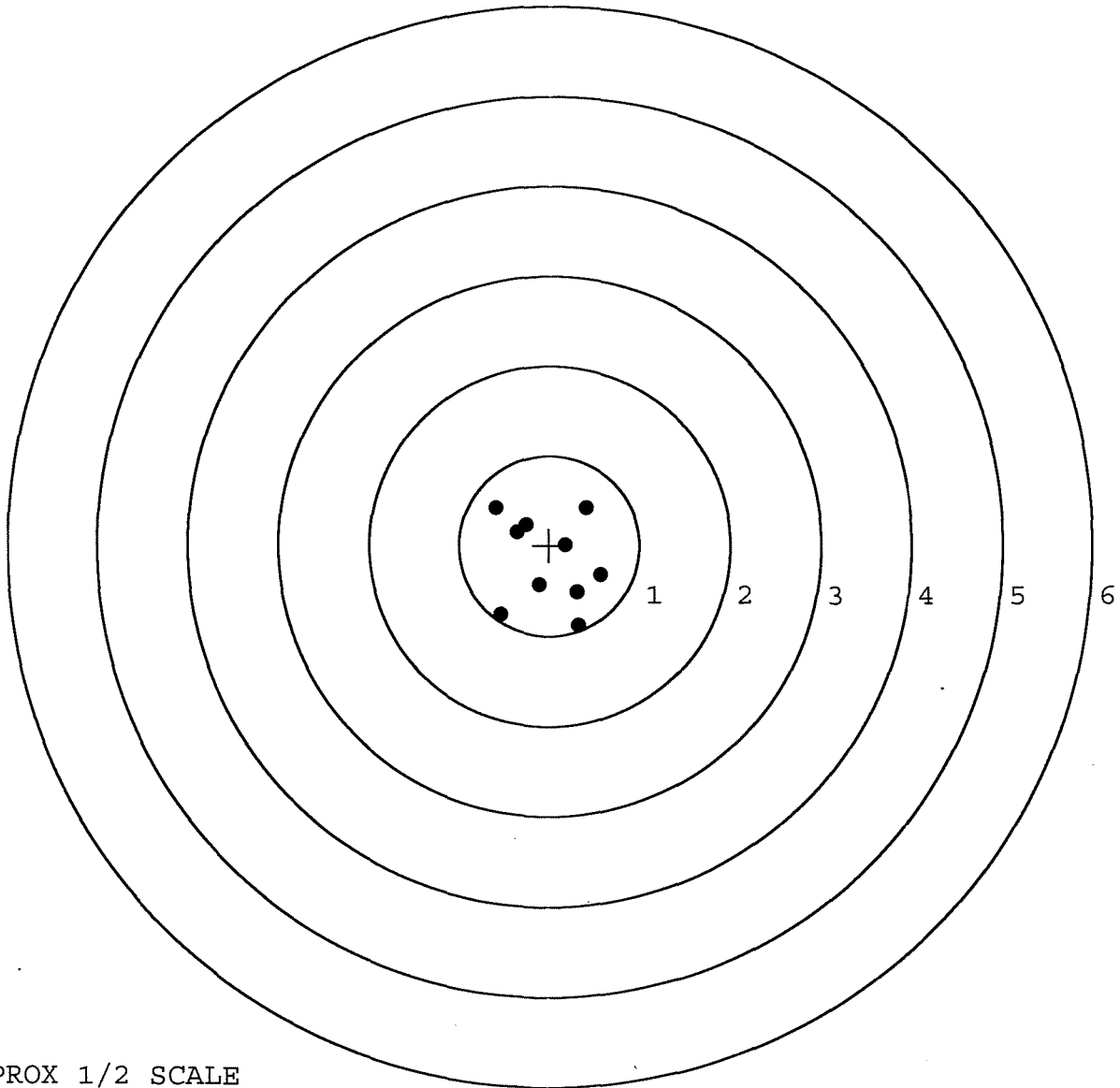
MAX RADIUS: 0.839

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0

TARGET NUMBER: 4

FILE DATE: 11/01/2002

FILE TIME: 10:19

X CENTROID: -0.282

Y CENTROID: -0.083

POA TO CENTROID: 0.294

HORZ SPREAD: 2.011

VERT SPREAD: 2.059

GROUP SPREAD: 2.240

MIN RADIUS: 0.363

MAX RADIUS: 1.214

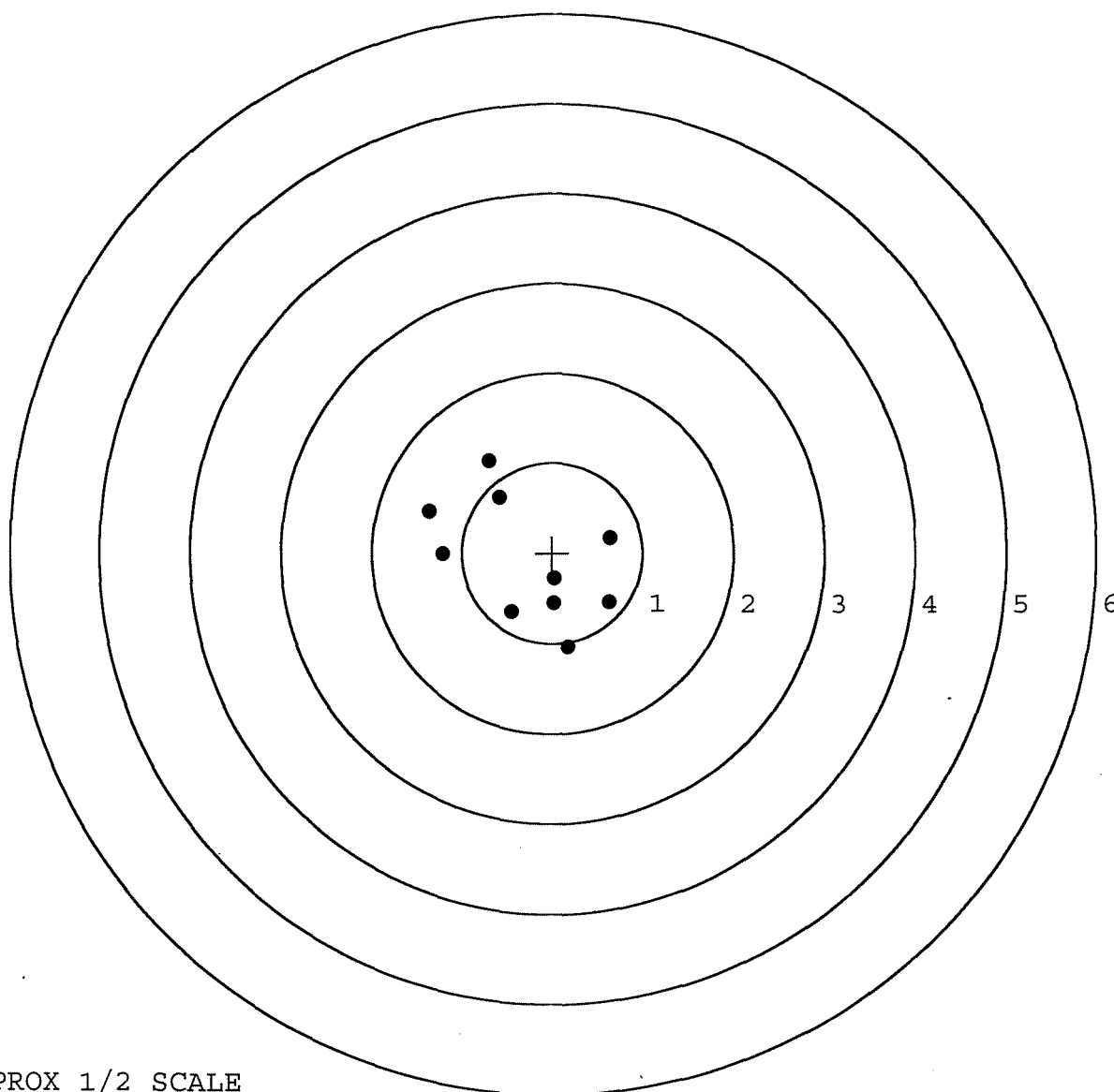
MEAN RADIUS: 0.867

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.185	-1.045
2:	0.635	-0.543
3:	0.642	0.167
4:	0.026	-0.554
5:	0.022	-0.281
6:	-0.453	-0.652
7:	-1.215	-0.009
8:	-1.369	0.458
9:	-0.590	0.618
10:	-0.708	1.014



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236214. __0

TARGET NUMBER: 5

FILE DATE: 11/01/2002

FILE TIME: 10:19

POINT#	X	Y
1:	0.486	-0.986
2:	0.391	-0.614
3:	-0.512	-0.517
4:	-0.539	-0.225
5:	-0.450	-0.019
6:	-0.071	0.041
7:	0.092	0.108
8:	0.357	0.249
9:	0.276	0.488
10:	0.136	0.883

X CENTROID: 0.017

Y CENTROID: -0.059

POA TO CENTROID: 0.061

HORZ SPREAD: 1.025

VERT SPREAD: 1.869

GROUP SPREAD: 1.901

MIN RADIUS: 0.133

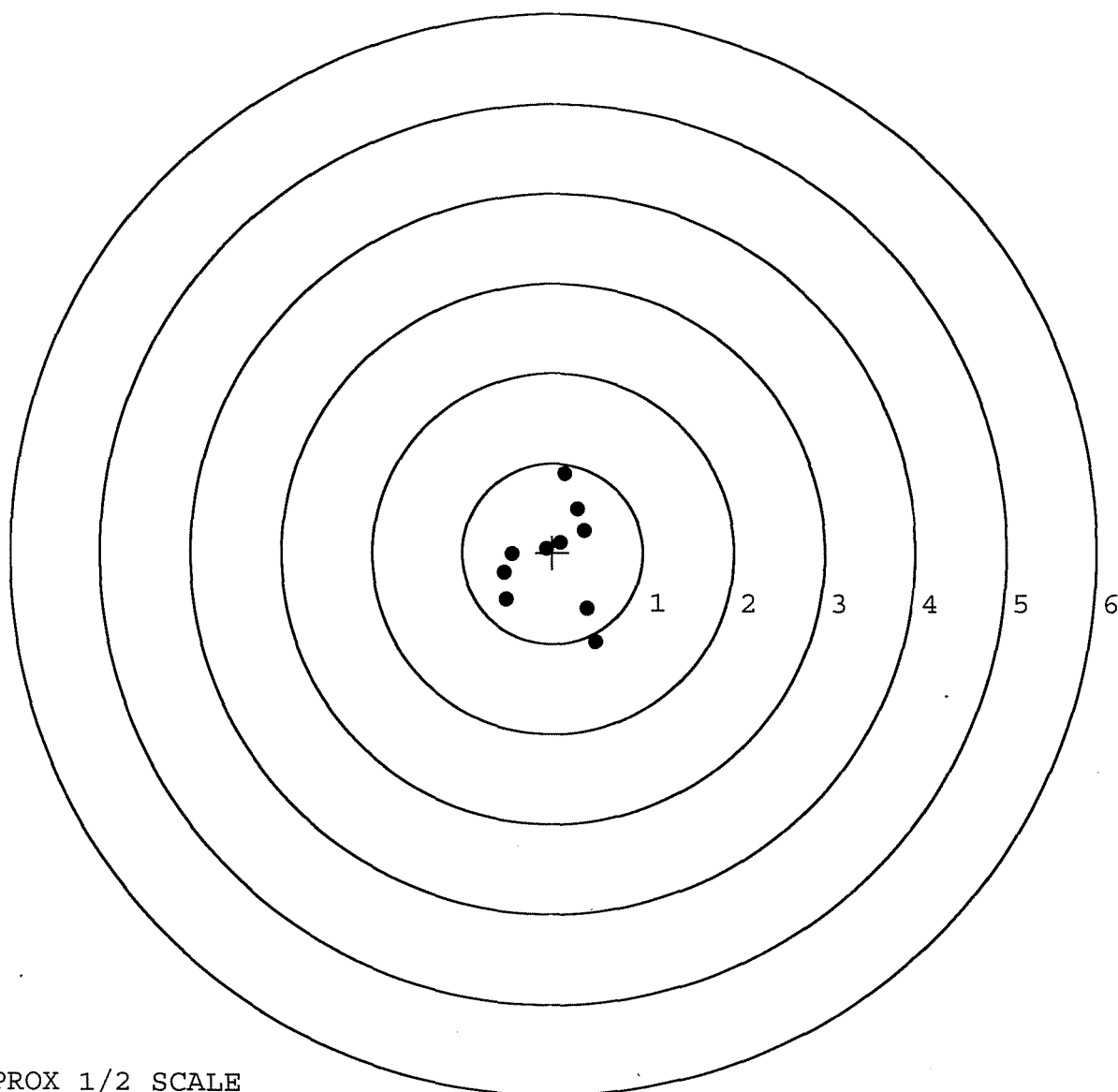
MAX RADIUS: 1.039

MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE