

BARBER - M24 0100999

G 652 1457

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0100999~~ 0101038

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

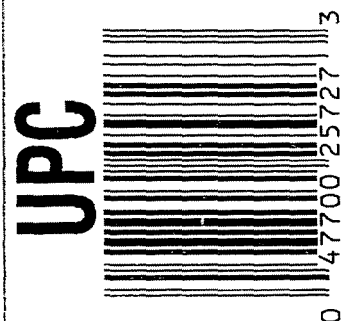
- INSTRUCTION BOOK 3518

DD FORM 1651



ORDER NO.	25727
BARREL LENGTH	24"
CAPACITY	5

G6521457



ORDER 25727

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

UPC



0 47700 25727 3

ORDER 25727

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

UPC



0 47700 25727 3

SERIAL NO.



66521457

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521457

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-12-06	RTZ
440	PROOF		1-12-06	Ac
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-12-06	Ac
470	DIS-ASSEMBLE ACTION		1-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	JAN 13 2006 490 OPERATOR <i>unns</i>	1/18/06	<i>unns</i>
500	ROLLMARK CALIBER		1-18-06	CW
510	DRILL AND TAP SIGHT HOLES		1-16-06	TRL
520	GOFF BLAST BBL / REC		1-18-06	DC
530 & 540	APPLY COATINGS (BARREL ACTION)		1/19	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-23-06	Ac
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-23-06	Ac
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-23-06	Ac
	D) OIL FIRING PIN ASSEMBLY		1-23-06	Ac
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/16/06	<i>mgg</i>

REV-8405

BARBER - M24 0101003			READINGS			DATE	INITIAL		
OP #	OPERATION NAME								
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.5</u>	<u>5.5</u>	<u>5.2</u>	1-27-06	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	1-27-06	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY					2/16/06	MJD		
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.023</u>	<u>.023</u>	2/16/06	MJD		
	J) ASSEMBLE STOCK					1-24-06	BG		
	K) ASSEMBLE SWIVEL STUDS					2-16-06	MJD		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					1-24-06	BG		
	M) IRON SIGHT ALIGNMENT					1-24-06	BG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					1-24-06	BG		
640 & 650	FUNCTION TEST AND TARGET		PASS FAIL PASS FAIL			1/24/06	MJD		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					1-24-06	MJD		
670	FINAL INSPECTION A) HEADSPACE					2/16/06	MJD		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.50</u>	<u>2.26</u>	<u>2.15</u>	<u>2.16</u>	<u>2.28</u>	1-25-06	TRL
	C) FUNCTION					2/16/06	MJD		
690	PACK					4-5-06	DA		

BARBER - M24 0101004
**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)

DATE 1-23-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.55		2.55	
PULL #2	2.51	2.47		2.66	
PULL #3	2.52	2.74		2.41	
PULL #4	2.51	2.66		2.53	
PULL #5	2.40	2.46		2.64	
TOTAL	12.54	12.88		12.79	
AVERAGE	2.50	2.57		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.26		
PULL #2	3.13	3.15		
PULL #3	3.33	3.26		
PULL #4	3.20	3.07		
PULL #5	3.15	3.06		
TOTAL	16.01	15.80		
AVERAGE	3.20	3.16		

	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	4.23	4.16		4.13
PULL #2	4.07	3.99		4.14
PULL #3	4.25	4.08		4.23
PULL #4	4.03	3.92		4.08
PULL #5	4.32	3.96		4.22
TOTAL	20.90	20.06		20.80
AVERAGE	4.18	4.01		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521457.__0

FILE DATE AND TIME: 01/24/2006 22:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

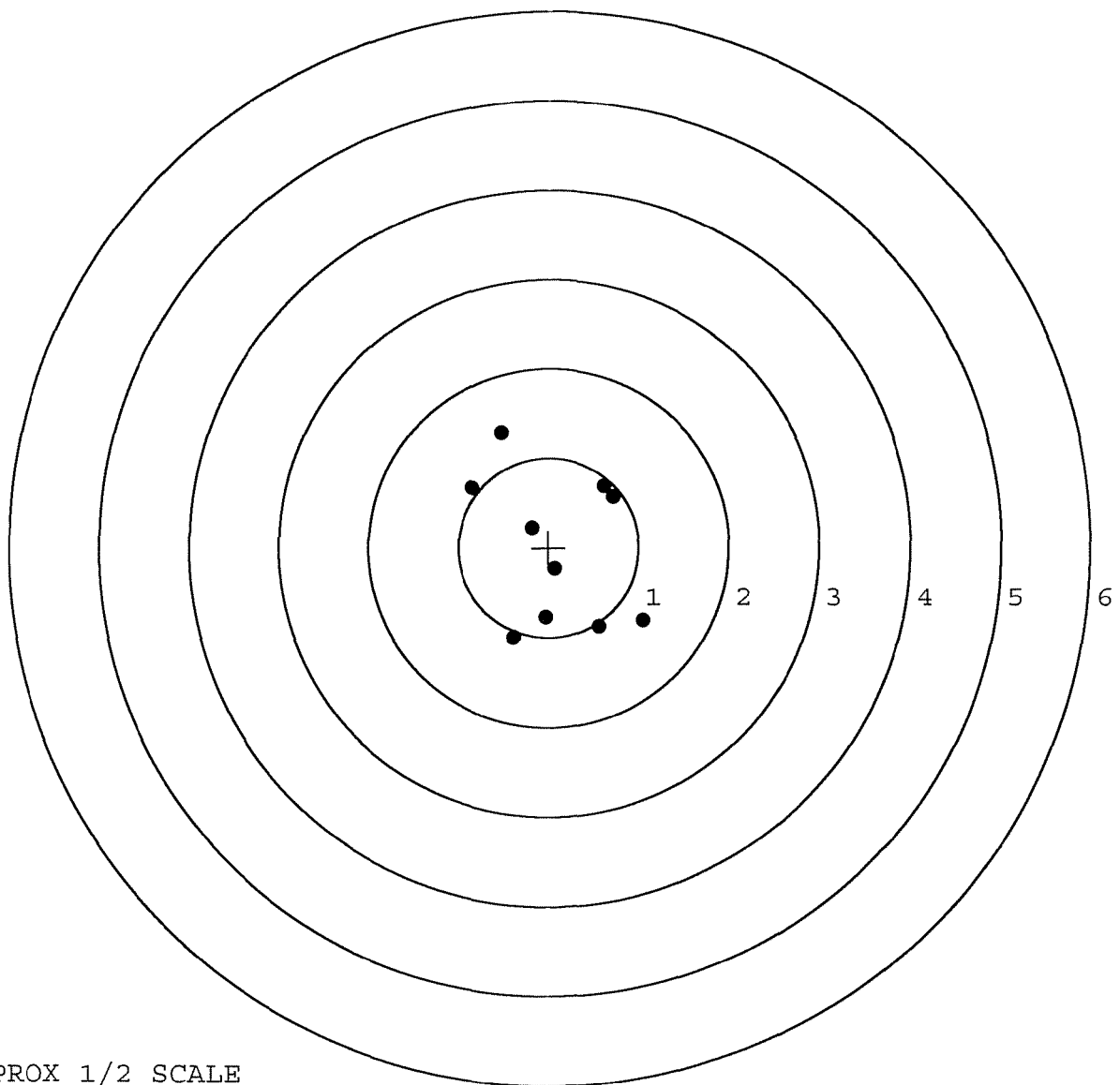
The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.011
The Average Mean Radius of the Five Target Set:	0.628
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.189
The Distance from Centroid Target #3 to Centroid Target #1:	0.142
The Distance from Centroid Target #4 to Centroid Target #1:	0.160
The Distance from Centroid Target #5 to Centroid Target #1:	0.054

BARBER - M24 0101006

SERIAL NUMBER: G6521457. __0
 TARGET NUMBER: 1
 FILE DATE: 01/24/2006
 FILE TIME: 22:56

POINT#	X	Y
1:	0.073	-0.236
2:	-0.191	0.216
3:	0.718	0.565
4:	-0.851	0.666
5:	-0.529	1.283
6:	-0.036	-0.781
7:	-0.389	-1.003
8:	0.562	-0.884
9:	1.053	-0.817
10:	0.619	0.681

X CENTROID: 0.103
 Y CENTROID: -0.031
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.904
 VERT SPREAD: 2.286
 GROUP SPREAD: 2.629
 MIN RADIUS: 0.207
 MAX RADIUS: 1.458
 MEAN RADIUS: 0.902
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

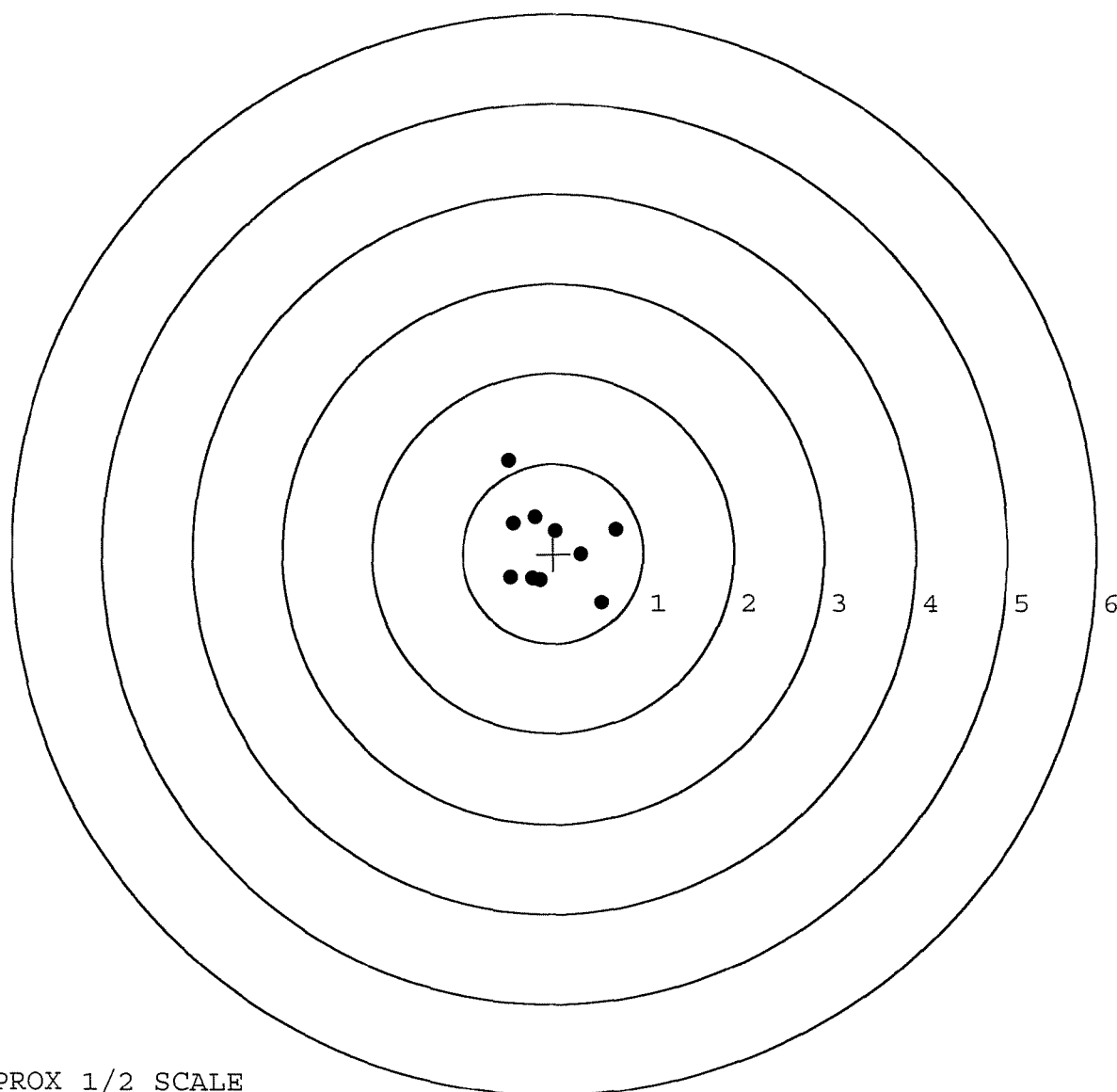
BARBER - M24 0101007

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 2
FILE DATE: 01/24/2006
FILE TIME: 22:56

X CENTROID: -0.041
Y CENTROID: 0.091
POA TO CENTROID: 0.100
HORZ SPREAD: 1.194
VERT SPREAD: 1.592
GROUP SPREAD: 1.900
MIN RADIUS: 0.178
MAX RADIUS: 1.051
MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.024	0.257
2:	-0.203	0.405
3:	-0.442	0.339
4:	-0.496	1.039
5:	-0.468	-0.264
6:	-0.143	-0.294
7:	0.308	-0.011
8:	0.698	0.269
9:	0.541	-0.553
10:	-0.229	-0.274



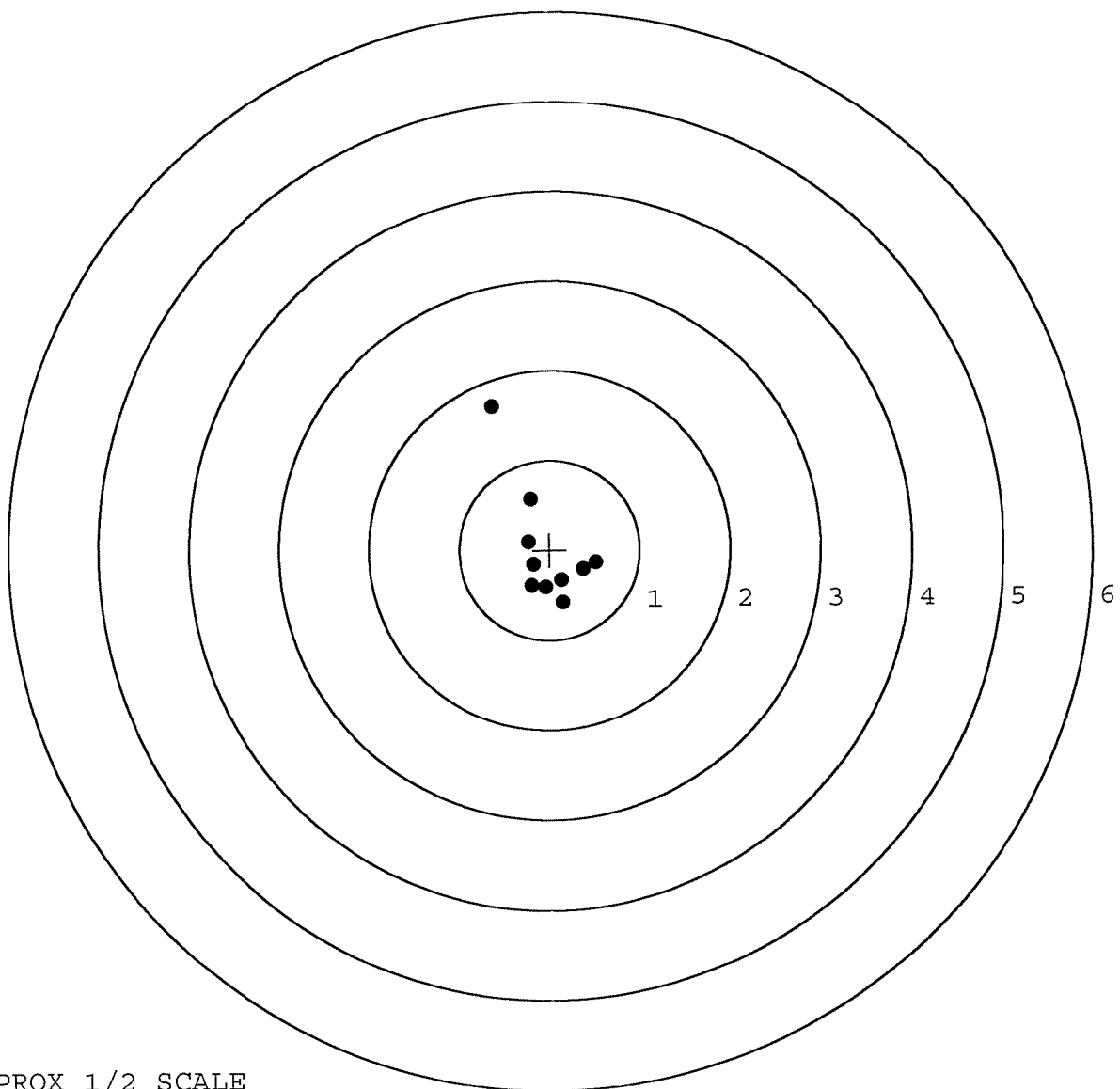
TARGET APPROX 1/2 SCALE

BARBER - M24 0101008

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 3
FILE DATE: 01/24/2006
FILE TIME: 22:56

X CENTROID: -0.036
Y CENTROID: 0.000
POA TO CENTROID: 0.036
HORZ SPREAD: 1.150
VERT SPREAD: 2.189
GROUP SPREAD: 2.321
MIN RADIUS: 0.222
MAX RADIUS: 1.709
MEAN RADIUS: 0.561
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.518	-0.143
2:	0.374	-0.214
3:	0.141	-0.588
4:	0.128	-0.338
5:	-0.050	-0.417
6:	-0.204	-0.395
7:	-0.185	-0.164
8:	-0.238	0.093
9:	-0.207	0.564
10:	-0.632	1.601



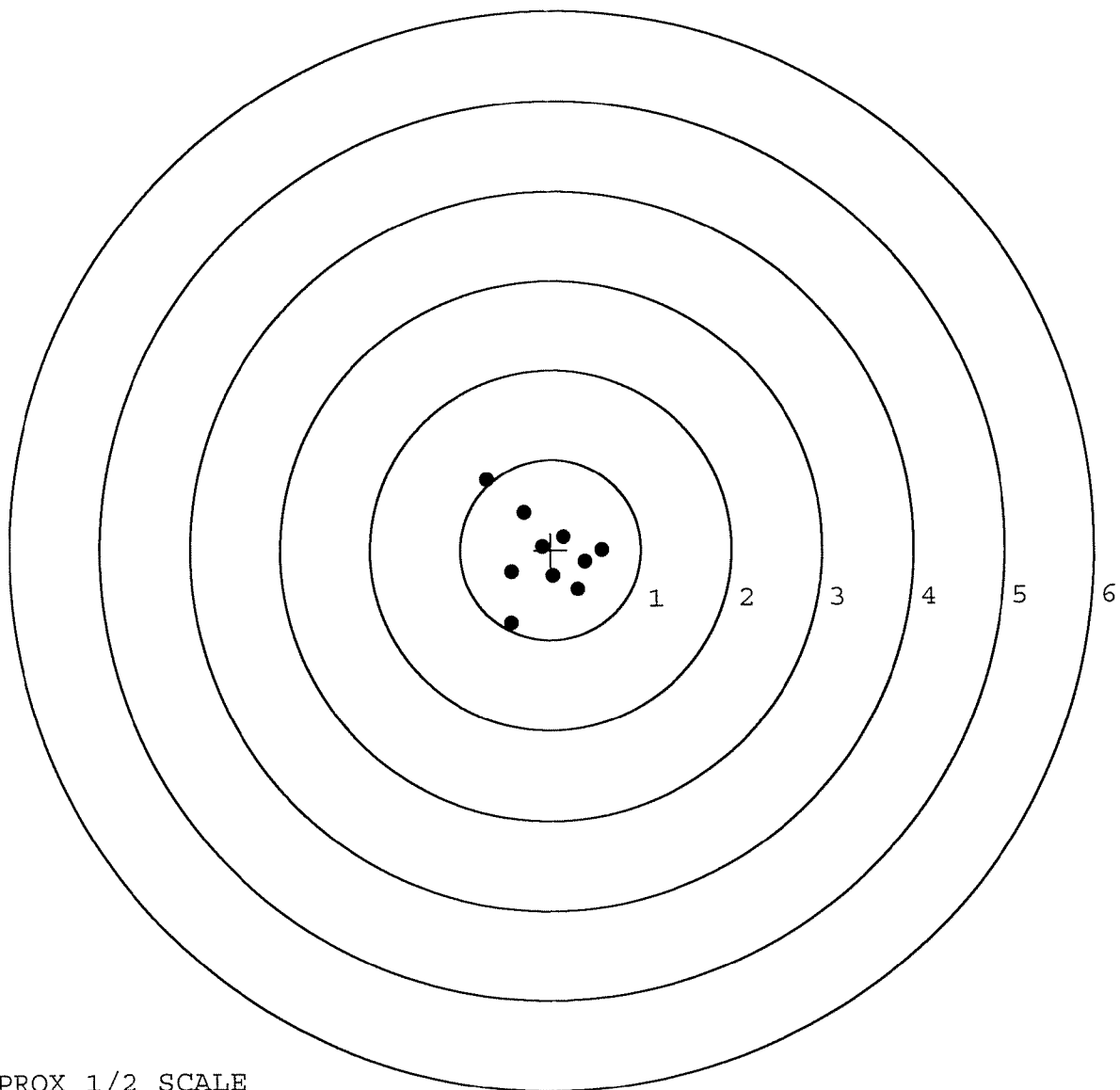
TARGET APPROX 1/2 SCALE

BARBER - M24 0101009

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 4
FILE DATE: 01/24/2006
FILE TIME: 22:56

POINT#	X	Y
1:	0.146	0.140
2:	-0.097	0.038
3:	-0.440	-0.245
4:	0.026	-0.289
5:	0.303	-0.443
6:	0.384	-0.139
7:	0.571	-0.013
8:	-0.297	0.416
9:	-0.702	0.780
10:	-0.444	-0.816

X CENTROID: -0.055
Y CENTROID: -0.057
POA TO CENTROID: 0.079
HORZ SPREAD: 1.273
VERT SPREAD: 1.596
GROUP SPREAD: 1.617
MIN RADIUS: 0.104
MAX RADIUS: 1.058
MEAN RADIUS: 0.510
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



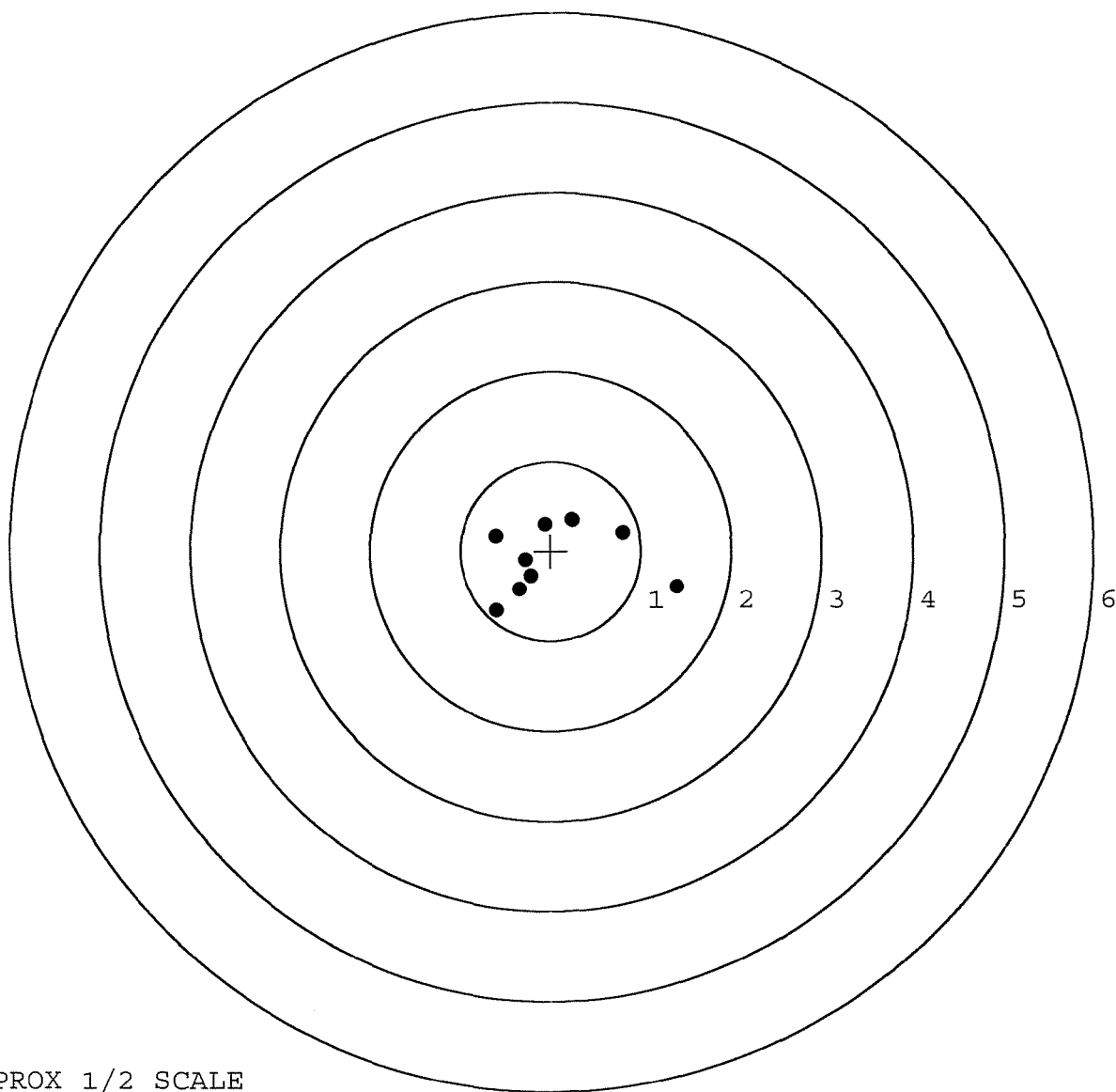
TARGET APPROX 1/2 SCALE

BARBER - M24 0101010

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 5
FILE DATE: 01/24/2006
FILE TIME: 22:56

POINT#	X	Y
1:	-0.070	0.300
2:	0.229	0.353
3:	0.794	0.204
4:	-0.602	0.167
5:	-0.283	-0.104
6:	-0.220	-0.285
7:	-0.350	-0.427
8:	-0.601	-0.666
9:	0.241	0.346
10:	1.394	-0.411

X CENTROID: 0.053
Y CENTROID: -0.052
POA TO CENTROID: 0.075
HORZ SPREAD: 1.996
VERT SPREAD: 1.019
GROUP SPREAD: 2.078
MIN RADIUS: 0.340
MAX RADIUS: 1.388
MEAN RADIUS: 0.626
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521457.___0
FILE DATE AND TIME: 11/13/2006 23:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.156
The Average Y Centroid of the Five Target Set:	-0.162
The Average Point of Impact of the Five Target Set:	0.225
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.601
The Distance from Centroid Target #2 to Centroid Target #1:	0.538
The Distance from Centroid Target #3 to Centroid Target #1:	0.571
The Distance from Centroid Target #4 to Centroid Target #1:	0.397
The Distance from Centroid Target #5 to Centroid Target #1:	0.464

BARBER - M24 0101012

SERIAL NUMBER: G6521457.____0

TARGET NUMBER: 1

FILE DATE: 11/13/2006

FILE TIME: 23:31

X CENTROID: -0.287

Y CENTROID: -0.529

POA TO CENTROID: 0.601

HORZ SPREAD: 2.935

VERT SPREAD: 5.175

GROUP SPREAD: 5.469

MIN RADIUS: 0.340

MAX RADIUS: 3.985

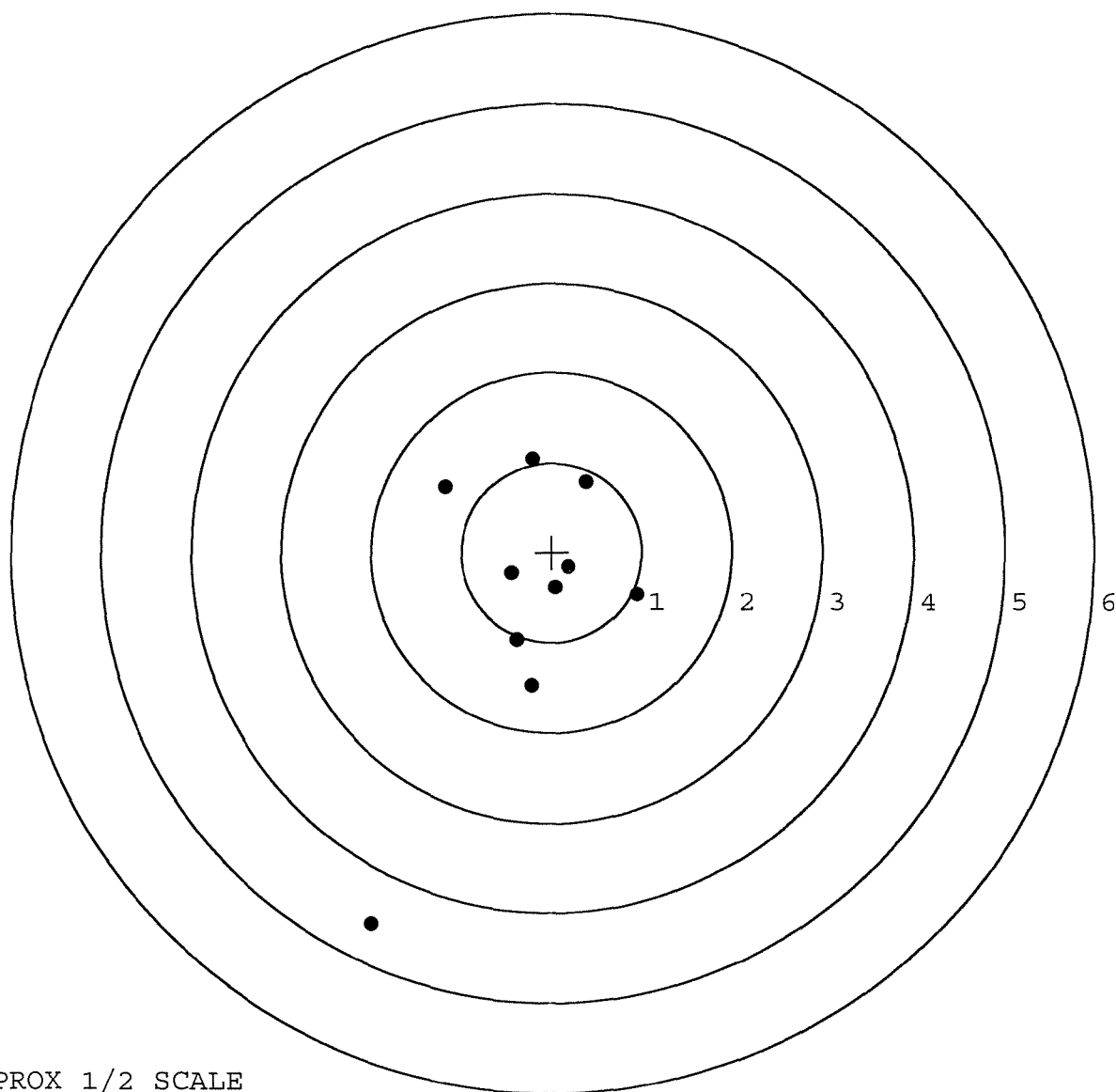
MEAN RADIUS: 1.252

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.043	-0.393
2:	0.189	-0.164
3:	-0.381	-0.978
4:	-0.217	-1.482
5:	0.947	-0.468
6:	-0.445	-0.228
7:	-1.181	0.733
8:	-0.220	1.043
9:	0.383	0.783
10:	-1.988	-4.132



TARGET APPROX 1/2 SCALE

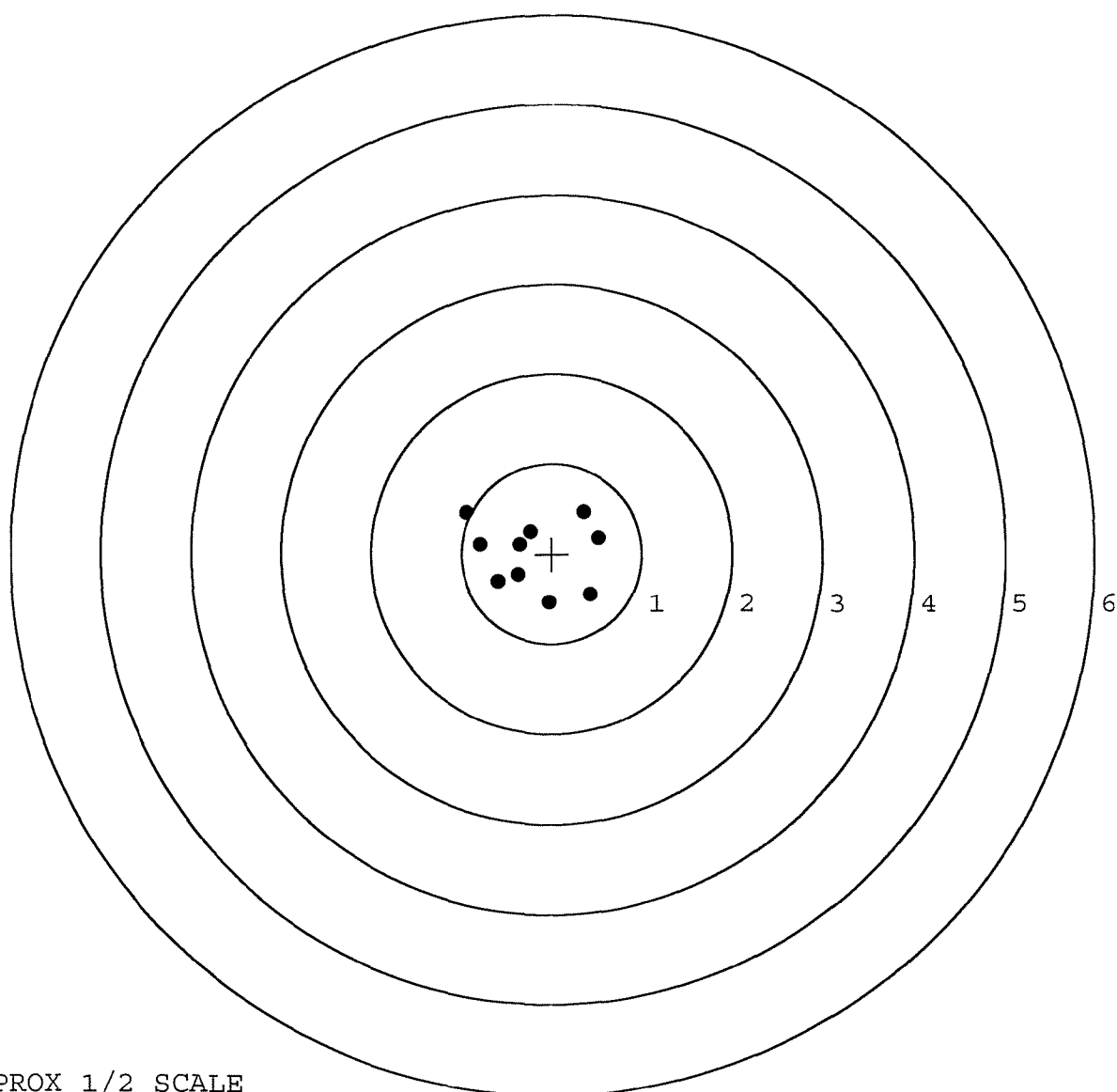
BARBER - M24 0101013

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 2
FILE DATE: 11/13/2006
FILE TIME: 23:31

X CENTROID: -0.201
Y CENTROID: 0.002
POA TO CENTROID: 0.201
HORZ SPREAD: 1.474
VERT SPREAD: 1.006
GROUP SPREAD: 1.664
MIN RADIUS: 0.184
MAX RADIUS: 0.879
MEAN RADIUS: 0.554

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.948	0.466
2:	-0.787	0.107
3:	-0.236	0.251
4:	-0.356	0.102
5:	-0.374	-0.239
6:	-0.600	-0.308
7:	-0.027	-0.540
8:	0.438	-0.454
9:	0.526	0.175
10:	0.354	0.463



TARGET APPROX 1/2 SCALE

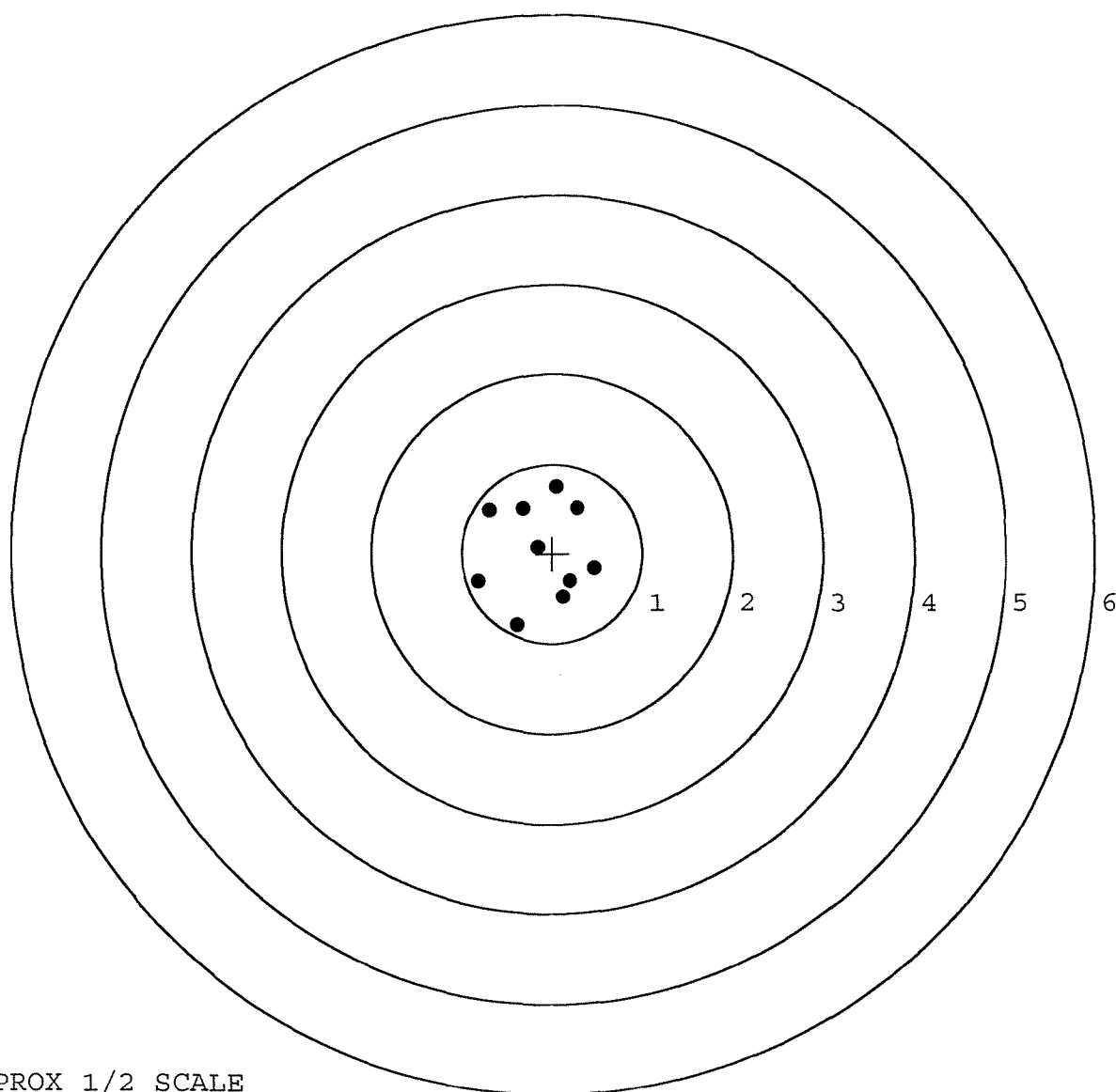
BARBER - M24 0101014

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 3
FILE DATE: 11/13/2006
FILE TIME: 23:31

X CENTROID: -0.128
Y CENTROID: 0.020
POA TO CENTROID: 0.130
HORZ SPREAD: 1.289
VERT SPREAD: 1.546
GROUP SPREAD: 1.604
MIN RADIUS: 0.058
MAX RADIUS: 0.866
MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.387	-0.806
2:	0.120	-0.493
3:	0.195	-0.313
4:	0.473	-0.171
5:	-0.161	0.068
6:	-0.816	-0.307
7:	-0.327	0.496
8:	-0.695	0.485
9:	0.040	0.740
10:	0.278	0.503



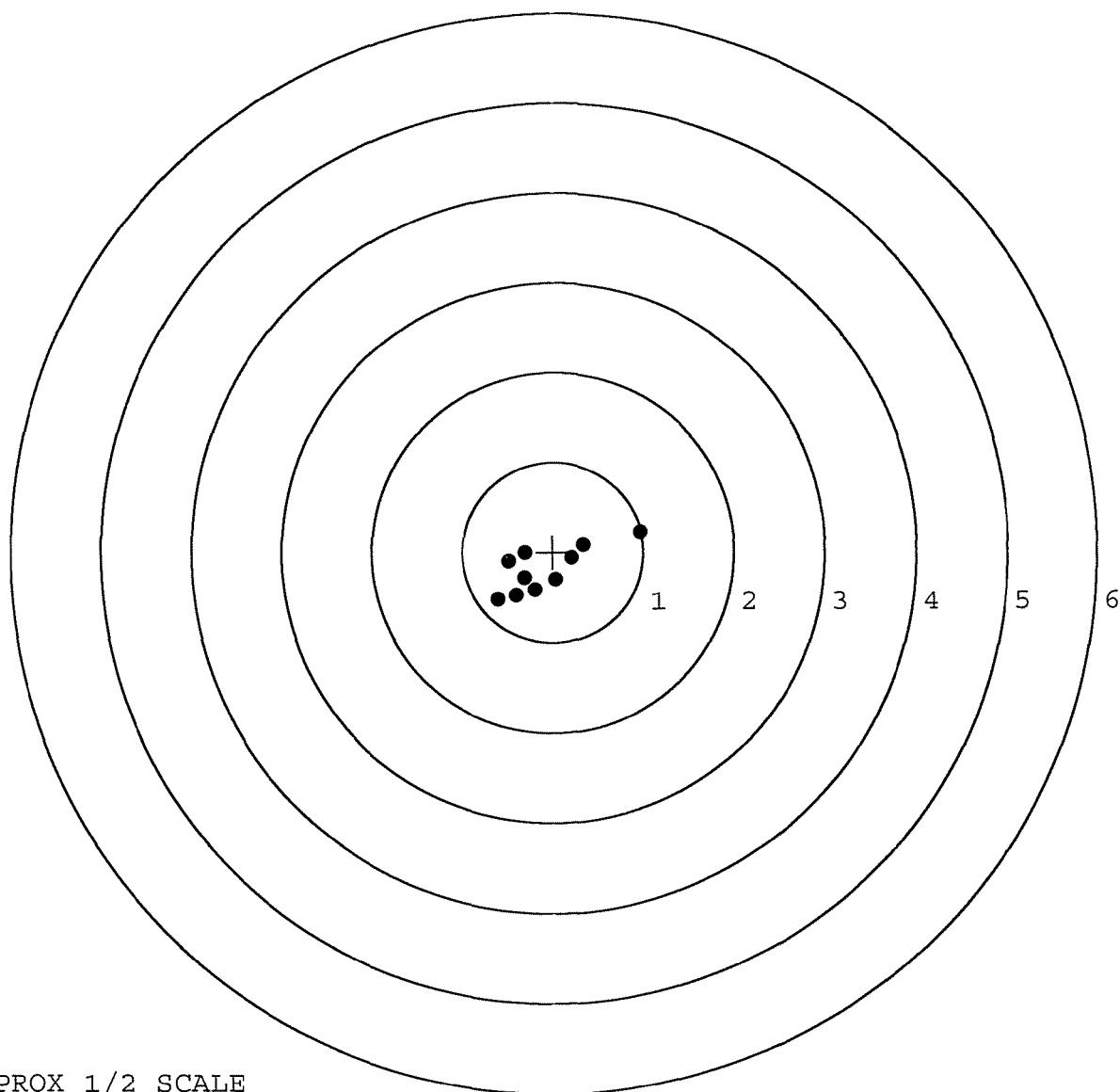
TARGET APPROX 1/2 SCALE

BARBER - M24 0101015

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 4
FILE DATE: 11/13/2006
FILE TIME: 23:31

POINT#	X	Y
1:	0.964	0.217
2:	0.344	0.081
3:	0.211	-0.067
4:	0.032	-0.309
5:	-0.206	-0.425
6:	-0.409	-0.482
7:	-0.609	-0.522
8:	-0.314	-0.287
9:	-0.493	-0.104
10:	-0.309	-0.008

X CENTROID: -0.079
Y CENTROID: -0.191
POA TO CENTROID: 0.206
HORZ SPREAD: 1.573
VERT SPREAD: 0.739
GROUP SPREAD: 1.738
MIN RADIUS: 0.162
MAX RADIUS: 1.120
MEAN RADIUS: 0.440
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

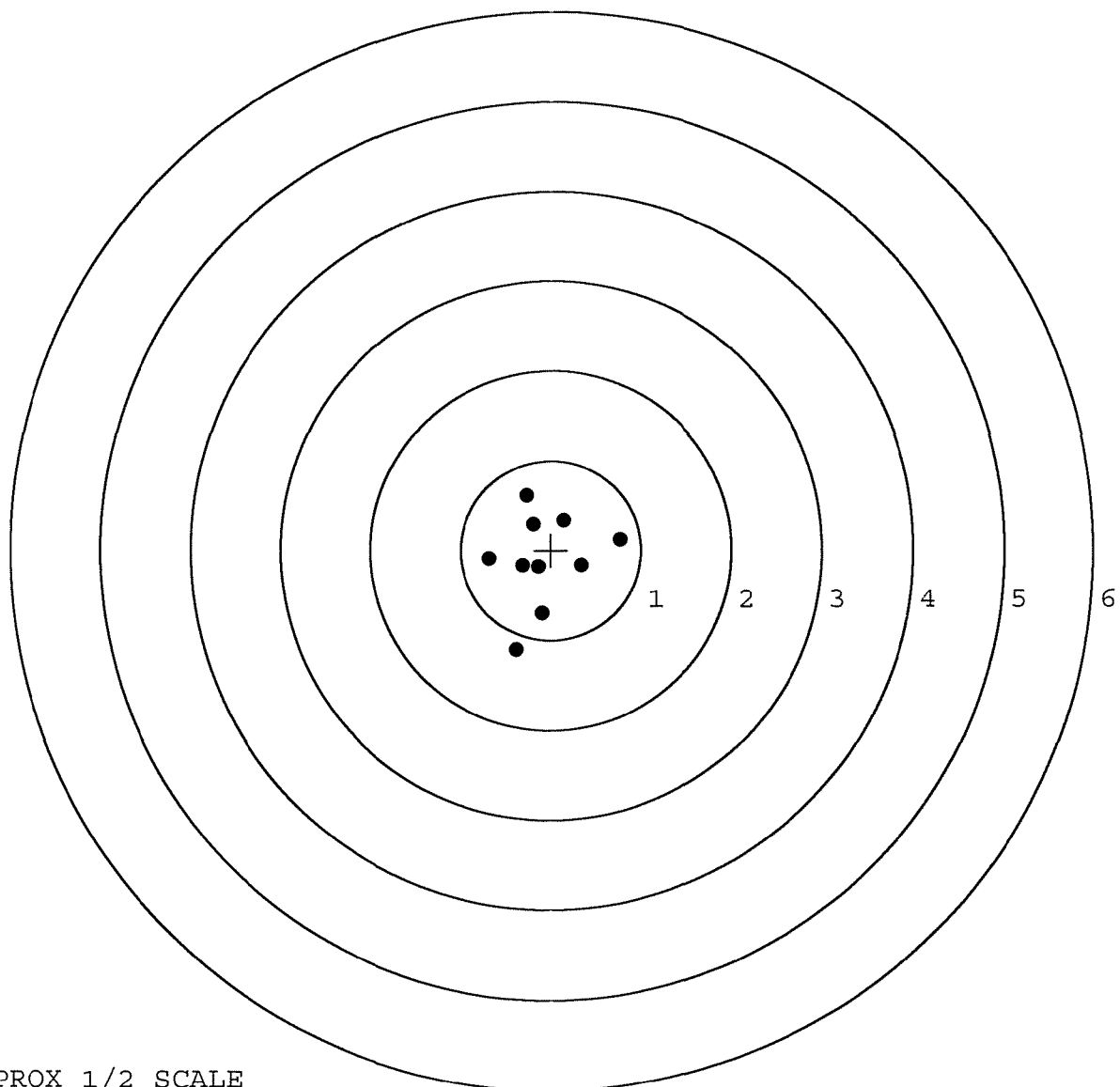
BARBER - M24 0101016

SERIAL NUMBER: G6521457. __0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 23:31

X CENTROID: -0.085
Y CENTROID: -0.111
POA TO CENTROID: 0.140
HORZ SPREAD: 1.450
VERT SPREAD: 1.716
GROUP SPREAD: 1.720
MIN RADIUS: 0.101
MAX RADIUS: 1.042
MEAN RADIUS: 0.555

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.267	0.608
2:	-0.196	0.290
3:	0.143	0.327
4:	0.767	0.119
5:	0.343	-0.175
6:	-0.145	-0.192
7:	-0.314	-0.179
8:	-0.683	-0.094
9:	-0.106	-0.709
10:	-0.390	-1.108



TARGET APPROX 1/2 SCALE