

G6534978

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534978.__0
FILE DATE AND TIME: 02/05/2008 07:22

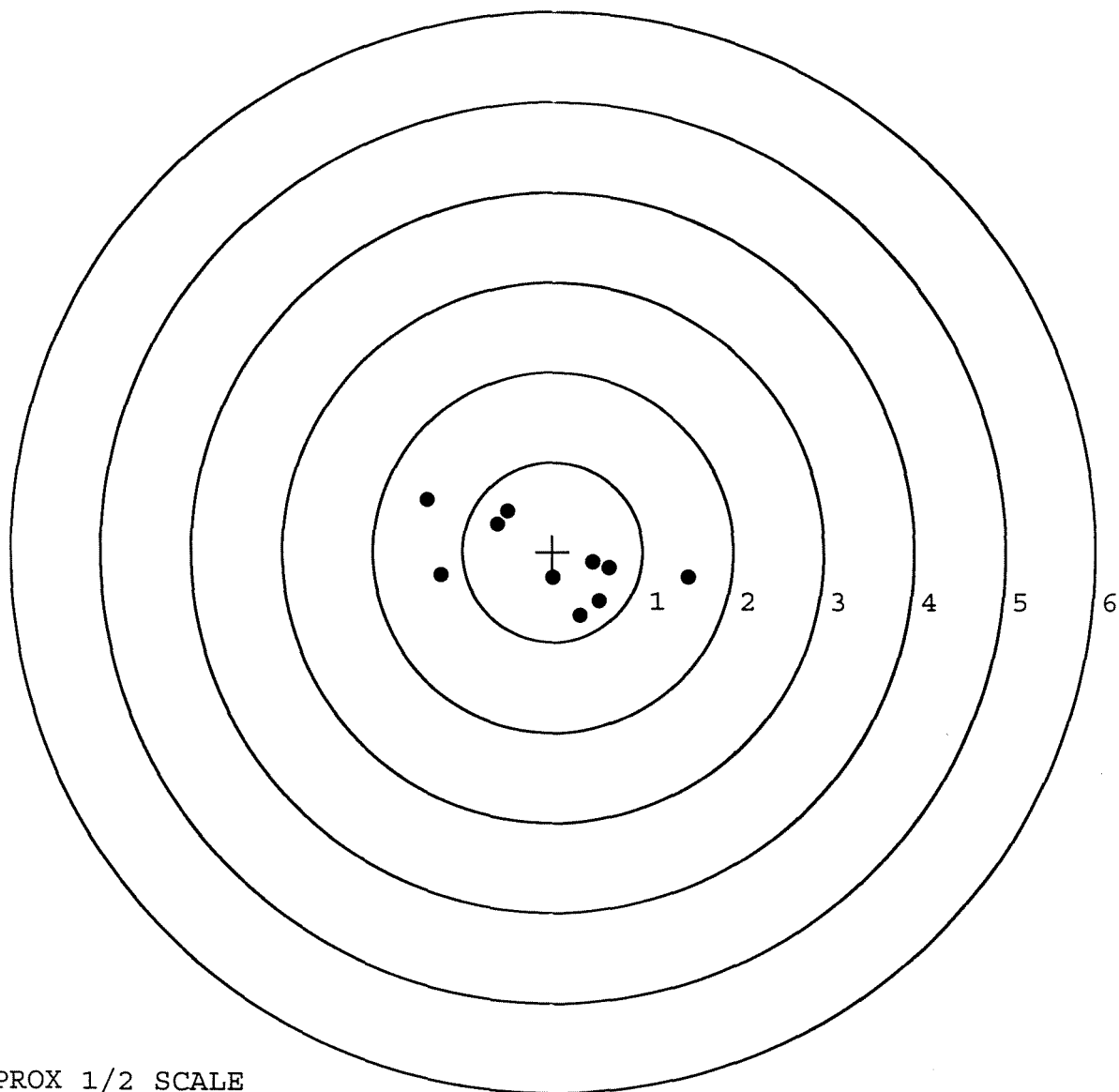
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.821
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.659
The Distance from Centroid Target #3 to Centroid Target #1:	0.156
The Distance from Centroid Target #4 to Centroid Target #1:	0.116
The Distance from Centroid Target #5 to Centroid Target #1:	0.093

SERIAL NUMBER: G6534978. 0
TARGET NUMBER: 1
FILE DATE: 02/05/2008
FILE TIME: 07:22

X CENTROID: -0.035
Y CENTROID: -0.109
POA TO CENTROID: 0.114
HORZ SPREAD: 2.901
VERT SPREAD: 1.297
GROUP SPREAD: 3.028
MIN RADIUS: 0.184
MAX RADIUS: 1.547
MEAN RADIUS: 0.850
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.502	-0.286
2:	0.631	-0.189
3:	0.450	-0.126
4:	0.522	-0.558
5:	0.307	-0.715
6:	0.004	-0.289
7:	-0.617	0.305
8:	-0.505	0.453
9:	-1.399	0.582
10:	-1.246	-0.265

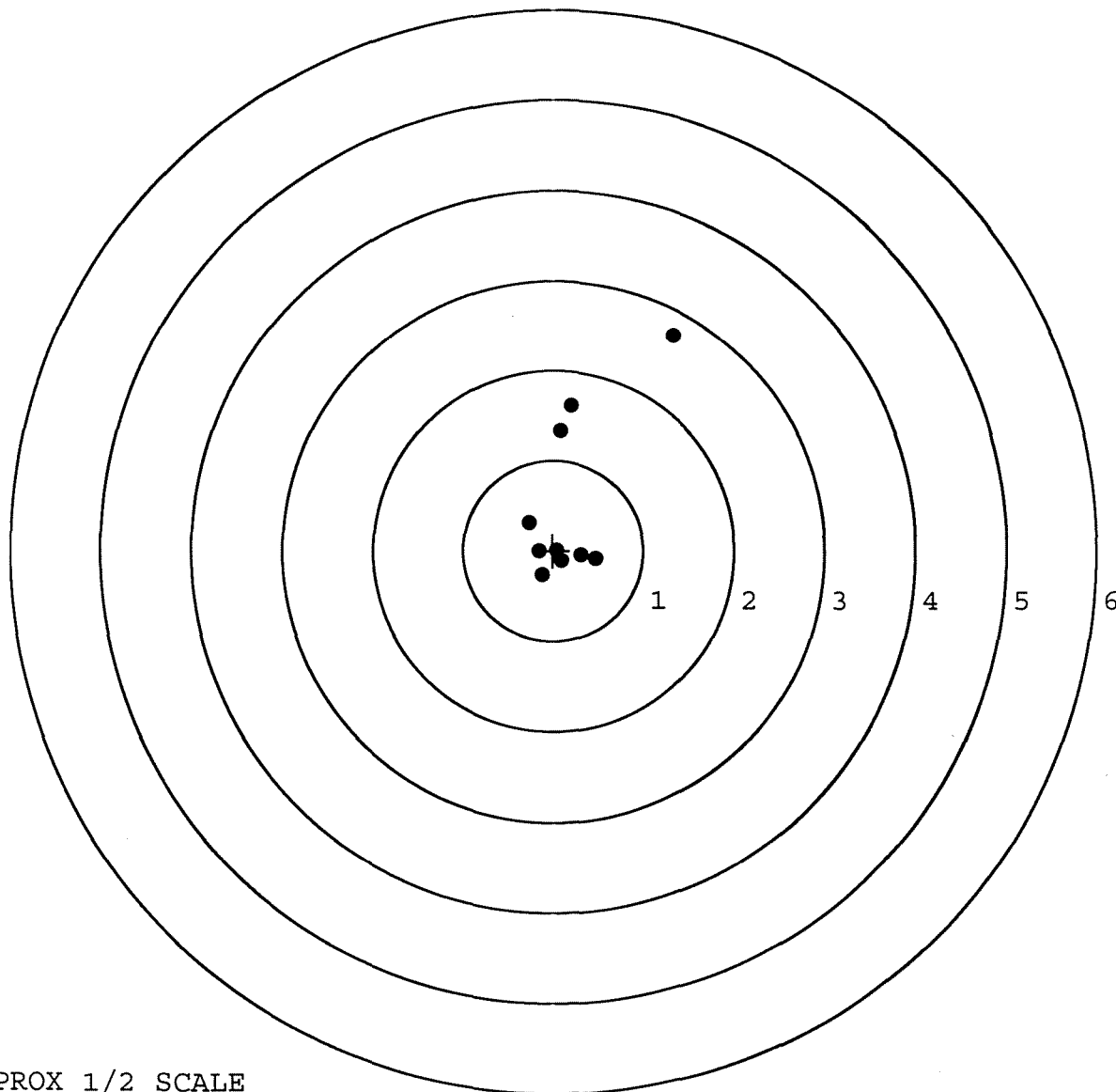


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 2
FILE DATE: 02/05/2008
FILE TIME: 07:22

POINT#	X	Y
1:	1.334	2.384
2:	0.205	1.603
3:	0.080	1.321
4:	0.478	-0.087
5:	0.318	-0.049
6:	-0.267	0.308
7:	-0.126	-0.276
8:	-0.154	-0.011
9:	0.042	-0.004
10:	0.097	-0.119

X CENTROID: 0.201
Y CENTROID: 0.507
POA TO CENTROID: 0.545
HORZ SPREAD: 1.601
VERT SPREAD: 2.660
GROUP SPREAD: 3.034
MIN RADIUS: 0.508
MAX RADIUS: 2.193
MEAN RADIUS: 0.849
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0

TARGET NUMBER: 3

FILE DATE: 02/05/2008

FILE TIME: 07:22

X CENTROID: 0.039

Y CENTROID: -0.246

POA TO CENTROID: 0.249

HORZ SPREAD: 1.602

VERT SPREAD: 2.825

GROUP SPREAD: 3.121

MIN RADIUS: 0.410

MAX RADIUS: 1.614

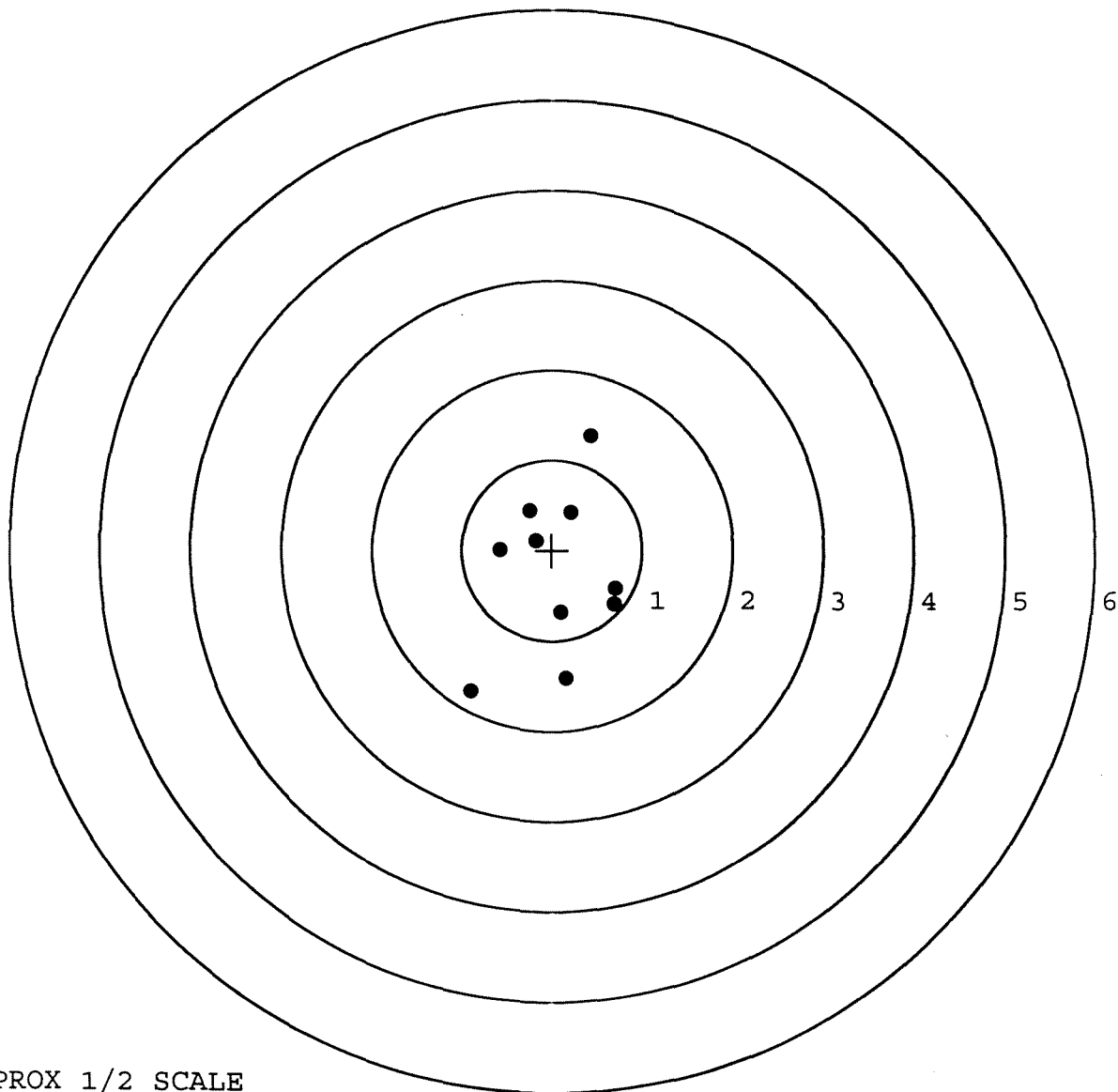
MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.690	-0.594
2:	0.703	-0.421
3:	0.157	-1.416
4:	0.106	-0.687
5:	-0.899	-1.560
6:	-0.574	0.002
7:	-0.177	0.103
8:	-0.252	0.434
9:	0.209	0.414
10:	0.427	1.265

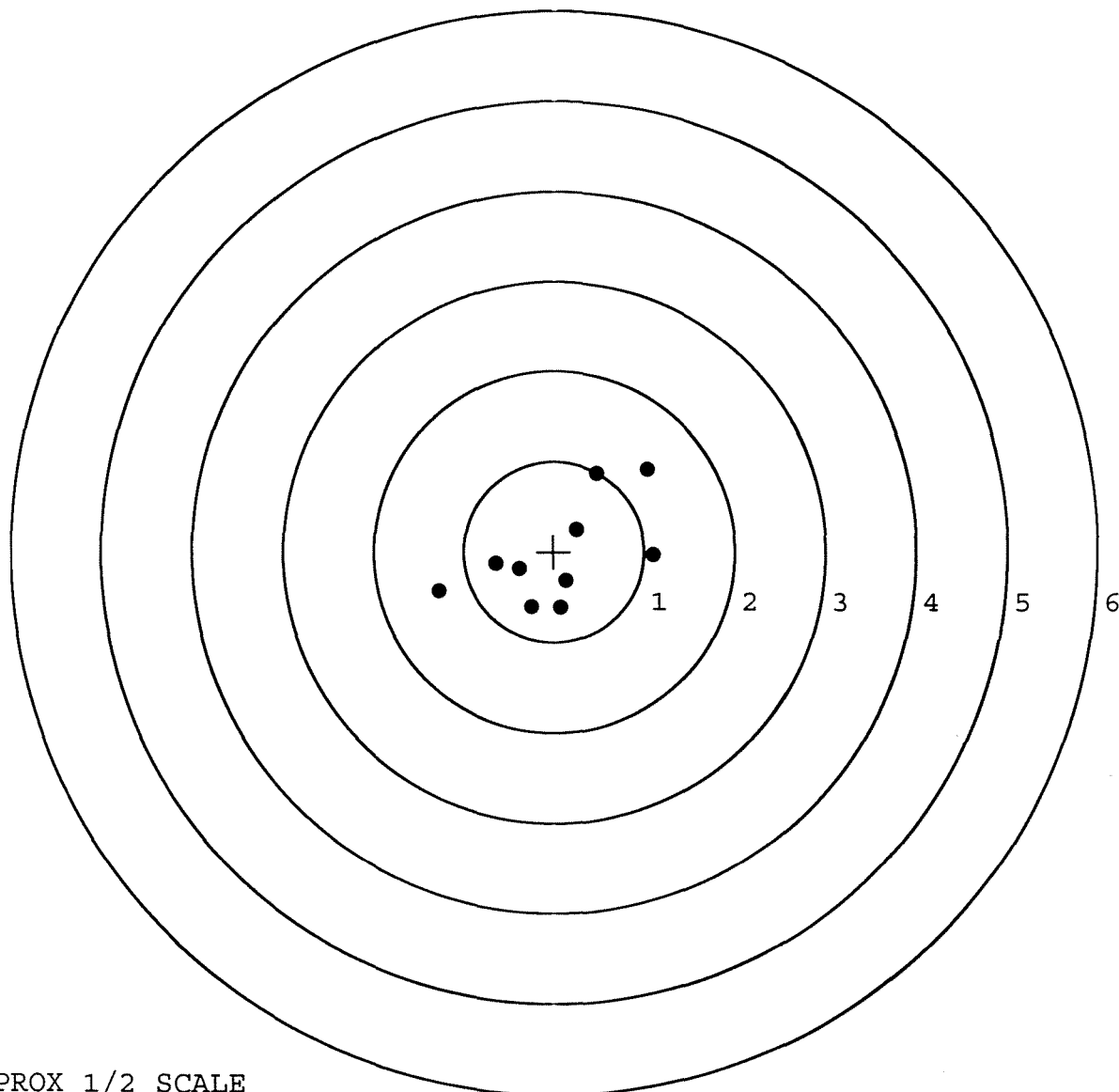


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 4
FILE DATE: 02/05/2008
FILE TIME: 07:22

X CENTROID: 0.051
Y CENTROID: -0.032
POA TO CENTROID: 0.061
HORZ SPREAD: 2.377
VERT SPREAD: 1.532
GROUP SPREAD: 2.676
MIN RADIUS: 0.302
MAX RADIUS: 1.387
MEAN RADIUS: 0.785
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.101	-0.035
2:	0.250	0.246
3:	0.474	0.868
4:	1.037	0.910
5:	0.134	-0.323
6:	0.077	-0.622
7:	-0.253	-0.615
8:	-0.383	-0.188
9:	-0.646	-0.129
10:	-1.276	-0.435

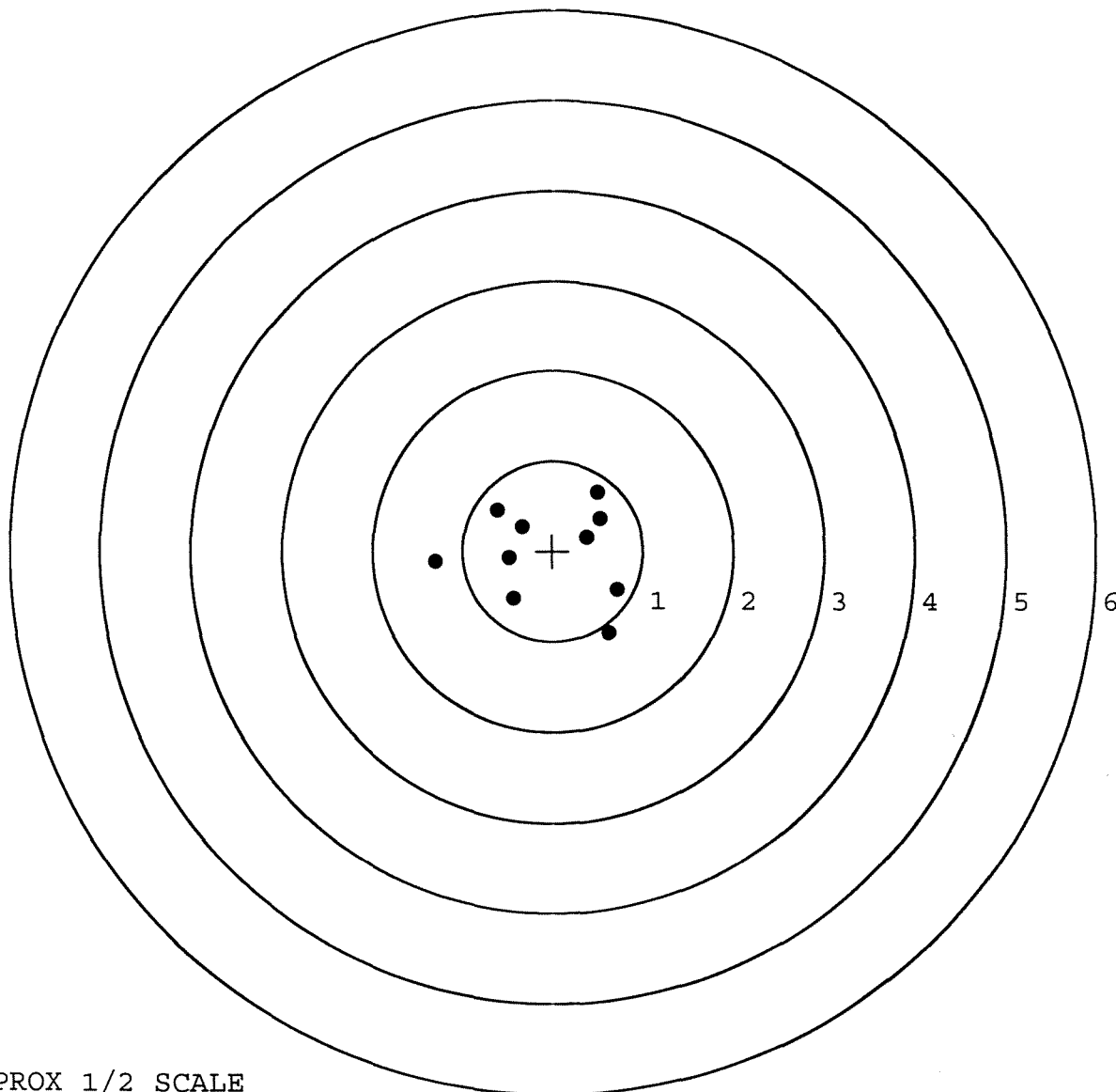


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 5
FILE DATE: 02/05/2008
FILE TIME: 07:22

X CENTROID: -0.044
Y CENTROID: -0.016
POA TO CENTROID: 0.047
HORZ SPREAD: 2.024
VERT SPREAD: 1.570
GROUP SPREAD: 2.084
MIN RADIUS: 0.412
MAX RADIUS: 1.266
MEAN RADIUS: 0.750
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.621	-0.913
2:	0.718	-0.427
3:	0.385	0.157
4:	0.520	0.360
5:	0.496	0.657
6:	-0.341	0.269
7:	-0.482	-0.075
8:	-0.436	-0.529
9:	-1.306	-0.120
10:	-0.619	0.456



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

13857

SERIAL NUMBER

G6534978

LOG-IN DATE

12-6-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-15-08	RTZ
505	RE-BARREL	1-22-08	RTZ
560	ASSEMBLE	1-22-08	RTZ
600	PROOF	1-23-08	TRW
605	CHECK HEADSPACE	1-23-08	TRW
610	DIS-ASSEMBLE GUN	1-23-08	RTZ
612	MAGNAFLUX	1-23-08	JB
510	DRILL AND TAP	1-23-08	TRW
615	ROLLMARK CALIBER	1-23-08	CW
618	ROTO-BLAST	1-23-08	TH
620	APPLY COATINGS	1-29-08	CW
625	FINAL ASSEMBLY	1-31-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	2-1-08 TRW
650	TARGET	PASS FAIL	2-1-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-1-08 RP
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	2.26 2.37 2.20 2.34 2.59 2.408	DA
680	F) SAFETY ON FORCE	5.2 5.5 5.2 2.4.8	DA
	G) SAFETY OFF FORCE	2.2 2.5 2.5 2.4.8	DA
	I) FIRING PIN INDENT	.025 .025 .024 2.4.8	DA
690	PACK	3-12-08	DA

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



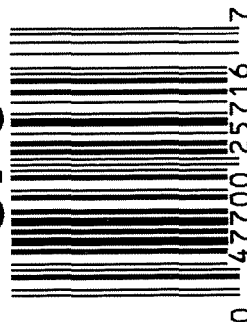
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6534978

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6534978

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/3/05	CD
440	PROOF		11/3/05	CD
460	CHECK HEADSPACE	MAGNA-FLUX	11/3/05	CD
470	DIS-ASSEMBLE ACTION	11/3/05	11/3/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	11/9/06	11/9/06	CPD
500	ROLLMARK CALIBER		11/9/06	CW
510	DRILL AND TAP SIGHT HOLES		1-6-06	TRW
520	GOFF BLAST BBL / REC		1-9-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/10	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-16-06	Ac
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-16-06	Ac
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-16-06	Ac
	D) OIL FIRING PIN ASSEMBLY		2/16/06	MGD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/16/06	MGD

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.2</u> <u>5.2</u>	1-28-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.2</u> <u>2.2</u>	1-28-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		2/16/06	MMB
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	2/16/06	MMB
	J) ASSEMBLE STOCK		1-17-06	BG
	K) ASSEMBLE SWIVEL STUDS		2-16-06	MMB
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-17-06	BG
	M) IRON SIGHT ALIGNMENT		1-17-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-17-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/17/06	MMB
	MALFUNCTION ^{Bolt drags on} receiver	CORRECTION OK	1-24-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-17-06	MMB
670	FINAL INSPECTION A) HEADSPACE		2/16/06	MMB
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.61</u> <u>2.59</u> <u>2.60</u> <u>2.69</u> <u>2.72</u>	1-25-06	TRW
	C) FUNCTION		2/16/06	MMB
690	PACK		3-6-06	RA

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 1-16-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.58		2.36	
PULL #2	2.35	2.67		2.50	
PULL #3	2.52	2.63		2.51	
PULL #4	2.49	2.62		2.52	
PULL #5	2.45	2.55		2.50	
TOTAL	12.34	13.05		12.39	
AVERAGE	2.46	2.61		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.26		
PULL #2	3.20	3.12		
PULL #3	3.13	3.16		
PULL #4	3.09	3.12		
PULL #5	3.11	3.15		
TOTAL	15.90	15.81		
AVERAGE	3.18	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	4.18	4.12		3.98
PULL #2	4.16	4.07		4.03
PULL #3	4.11	3.90		4.04
PULL #4	4.10	4.13		4.04
PULL #5	4.05	4.05		4.01
TOTAL	20.60	20.27		20.10
AVERAGE	4.12	4.05		4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534978.___0
FILE DATE AND TIME: 01/17/2006 22:43

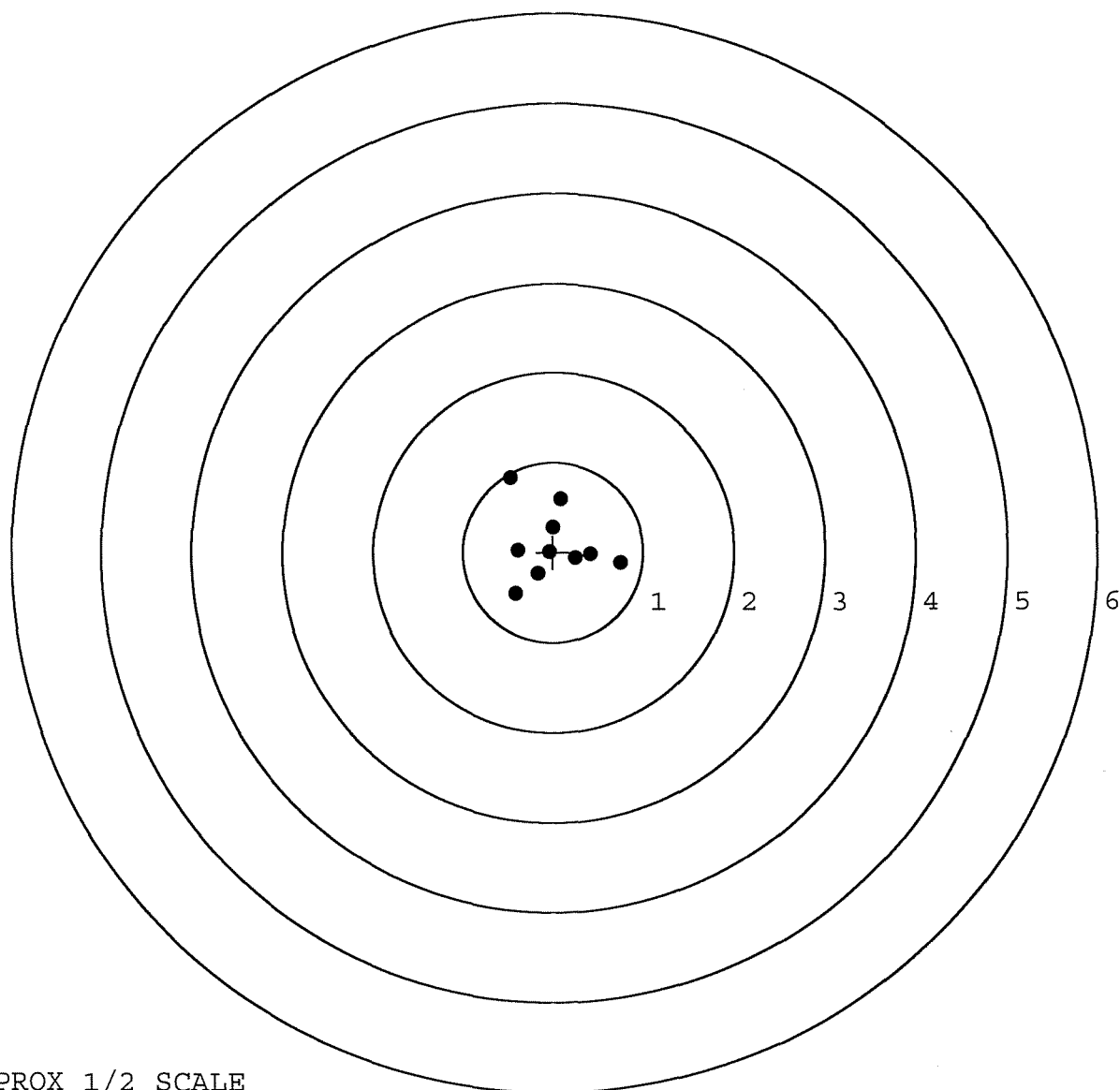
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.160
The Average Y Centroid of the Five Target Set:	0.100
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.647
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.346

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 1
FILE DATE: 01/17/2006
FILE TIME: 22:43

X CENTROID: 0.000
Y CENTROID: 0.079
POA TO CENTROID: 0.079
HORZ SPREAD: 1.226
VERT SPREAD: 1.297
GROUP SPREAD: 1.554
MIN RADIUS: 0.086
MAX RADIUS: 0.889
MEAN RADIUS: 0.463
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.083	0.589
2:	-0.474	0.831
3:	-0.414	-0.466
4:	-0.389	0.025
5:	-0.170	-0.246
6:	0.248	-0.068
7:	-0.007	0.279
8:	-0.045	0.006
9:	0.752	-0.124
10:	0.415	-0.032

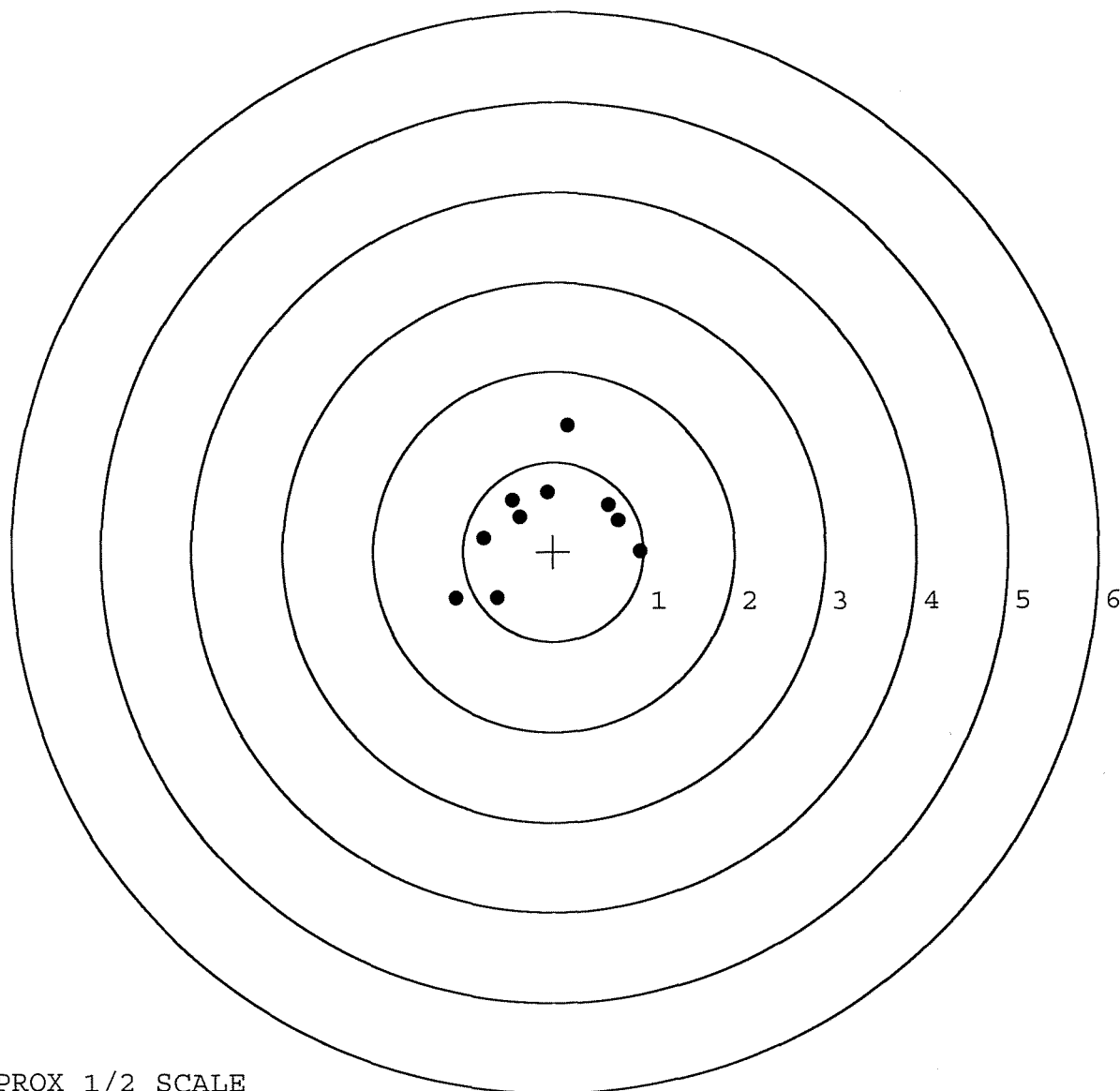


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 2
FILE DATE: 01/17/2006
FILE TIME: 22:43

X CENTROID: -0.093
Y CENTROID: 0.303
POA TO CENTROID: 0.317
HORZ SPREAD: 2.043
VERT SPREAD: 1.925
GROUP SPREAD: 2.289
MIN RADIUS: 0.296
MAX RADIUS: 1.286
MEAN RADIUS: 0.785
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.071	0.664
2:	-0.458	0.575
3:	-0.376	0.391
4:	-0.771	0.159
5:	0.158	1.404
6:	0.612	0.521
7:	0.720	0.349
8:	0.962	0.005
9:	-0.626	-0.519
10:	-1.081	-0.521

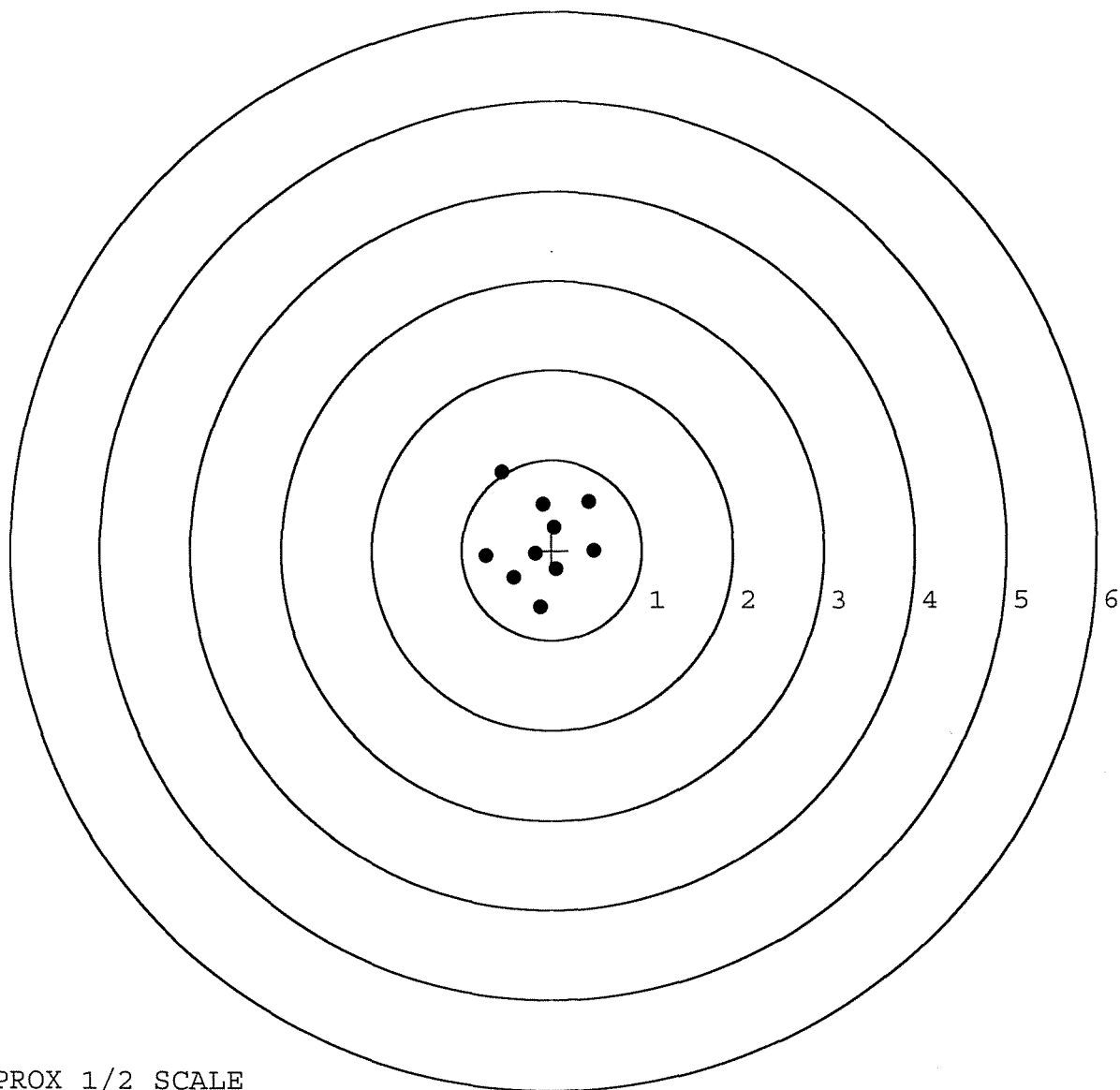


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
TARGET NUMBER: 3
FILE DATE: 01/17/2006
FILE TIME: 22:43

X CENTROID: -0.117
Y CENTROID: 0.093
POA TO CENTROID: 0.150
HORZ SPREAD: 1.198
VERT SPREAD: 1.507
GROUP SPREAD: 1.565
MIN RADIUS: 0.144
MAX RADIUS: 0.893
MEAN RADIUS: 0.516
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.554	0.872
2:	0.407	0.541
3:	0.469	-0.004
4:	0.030	0.254
5:	-0.101	0.511
6:	-0.183	-0.035
7:	-0.425	-0.302
8:	-0.133	-0.635
9:	0.051	-0.210
10:	-0.729	-0.058

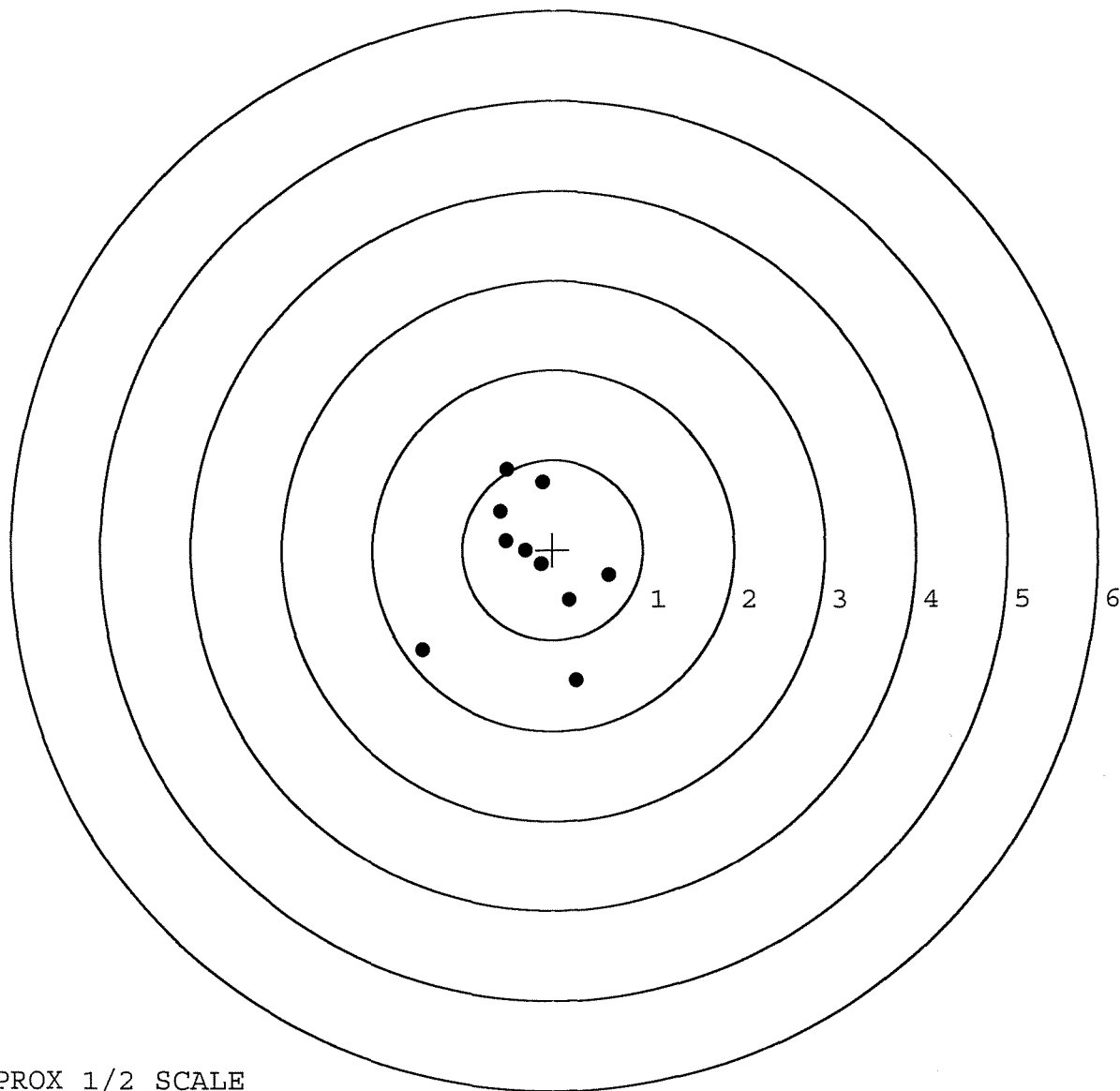


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978.____0
TARGET NUMBER: 4
FILE DATE: 01/17/2006
FILE TIME: 22:43

X CENTROID: -0.253
Y CENTROID: -0.138
POA TO CENTROID: 0.288
HORZ SPREAD: 2.067
VERT SPREAD: 2.348
GROUP SPREAD: 2.281
MIN RADIUS: 0.128
MAX RADIUS: 1.534
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.118	0.750
2:	-0.512	0.900
3:	-0.583	0.433
4:	-0.518	0.104
5:	-0.303	-0.010
6:	-0.127	-0.161
7:	0.186	-0.562
8:	0.261	-1.448
9:	-1.441	-1.108
10:	0.626	-0.280

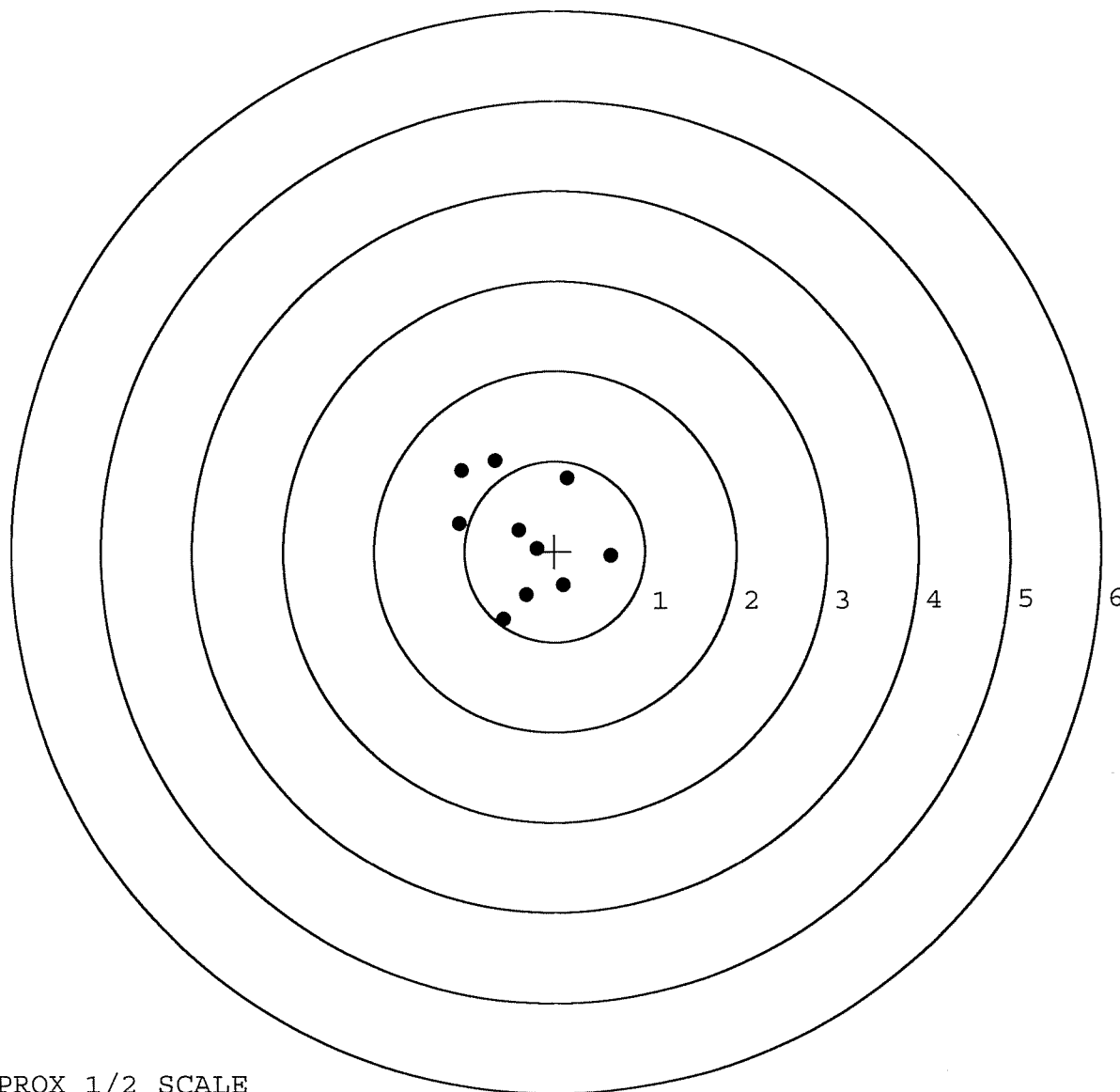


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. 0
TARGET NUMBER: 5
FILE DATE: 01/17/2006
FILE TIME: 22:43

X CENTROID: -0.336
Y CENTROID: 0.164
POA TO CENTROID: 0.374
HORZ SPREAD: 1.681
VERT SPREAD: 1.757
GROUP SPREAD: 1.910
MIN RADIUS: 0.094
MAX RADIUS: 1.011
MEAN RADIUS: 0.701
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.027	0.902
2:	-0.657	1.010
3:	0.144	0.810
4:	0.625	-0.056
5:	-1.056	0.317
6:	-0.398	0.235
7:	-0.199	0.030
8:	0.095	-0.379
9:	-0.316	-0.484
10:	-0.572	-0.747



TARGET APPROX 1/2 SCALE