

G-663 7728

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

G6637728

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66637728

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RTZ
420	ASSEMBLE ACTION		3-12-07	SPD
430	ASSEMBLE TO STOCK		3-12-07	SPD
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED MAR 15 2007	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	OPERATOR	3-14-07	RTZ
480	MAGNAFLUX BBL ACTION		3/15/07	new
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	W)
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/30/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/30/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/30/07	SPD
	D) OIL FIRING PIN ASSEMBLY		3/30/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/5/07	non

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560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	4/5/07	DA
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	4/5/07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			4/5/07	non
	I) FIRING PIN INDENT	.020 MIN	<u>.0245</u> <u>.024</u> <u>.024</u>	4-5-07	DA
	J) ASSEMBLE STOCK			3/30/07	J.P.N.
	K) ASSEMBLE SWIVEL STUDS			4/5/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			4/5/07	non
	M) IRON SIGHT ALIGNMENT			4/5/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			4/5/07	non
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u> FAIL <u>PASS</u> FAIL	^{mm} 4-2-07	TRW
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		4-2-07	Fm
660	INSPECT FOR LIVE AMMO			4/2/07	non
670	FINAL INSPECTION A) HEADSPACE			4/5/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.59</u> <u>2.60</u> <u>2.62</u> <u>2.58</u>	4-5-07	DA
	C) FUNCTION			4/5/07	non
690	PACK			4/10/07	DA

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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 3-30-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.33		2.42	
PULL #2	2.42	2.29		2.42	
PULL #3	2.48	2.68		2.39	
PULL #4	2.77	2.36		2.51	
PULL #5	2.41	2.34		2.36	
TOTAL	12.63	12.00		12.10	
AVERAGE	2.52	2.40		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.26		
PULL #2	3.30	3.27		
PULL #3	3.21	3.11		
PULL #4	3.22	3.26		
PULL #5	3.30	3.29		
TOTAL	16.32	16.19		
AVERAGE	3.26	3.23		

	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	4.46	4.27		4.35
PULL #2	4.52	4.36		4.59
PULL #3	4.43	4.37		4.40
PULL #4	4.42	4.46		4.45
PULL #5	4.50	4.38		4.33
TOTAL	22.33	21.84		22.12
AVERAGE	4.46	4.36		4.42

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637728.___0

FILE DATE AND TIME: 04/02/2007 12:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.106
The Average Y Centroid of the Five Target Set:	0.018
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.699
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.292
The Distance from Centroid Target #3 to Centroid Target #1:	0.383
The Distance from Centroid Target #4 to Centroid Target #1:	0.308
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: G6637728. __0

TARGET NUMBER: 1

FILE DATE: 04/02/2007

FILE TIME: 12:26

X CENTROID: 0.010

Y CENTROID: 0.210

POA TO CENTROID: 0.210

HORZ SPREAD: 1.813

VERT SPREAD: 2.302

GROUP SPREAD: 2.302

MIN RADIUS: 0.187

MAX RADIUS: 1.542

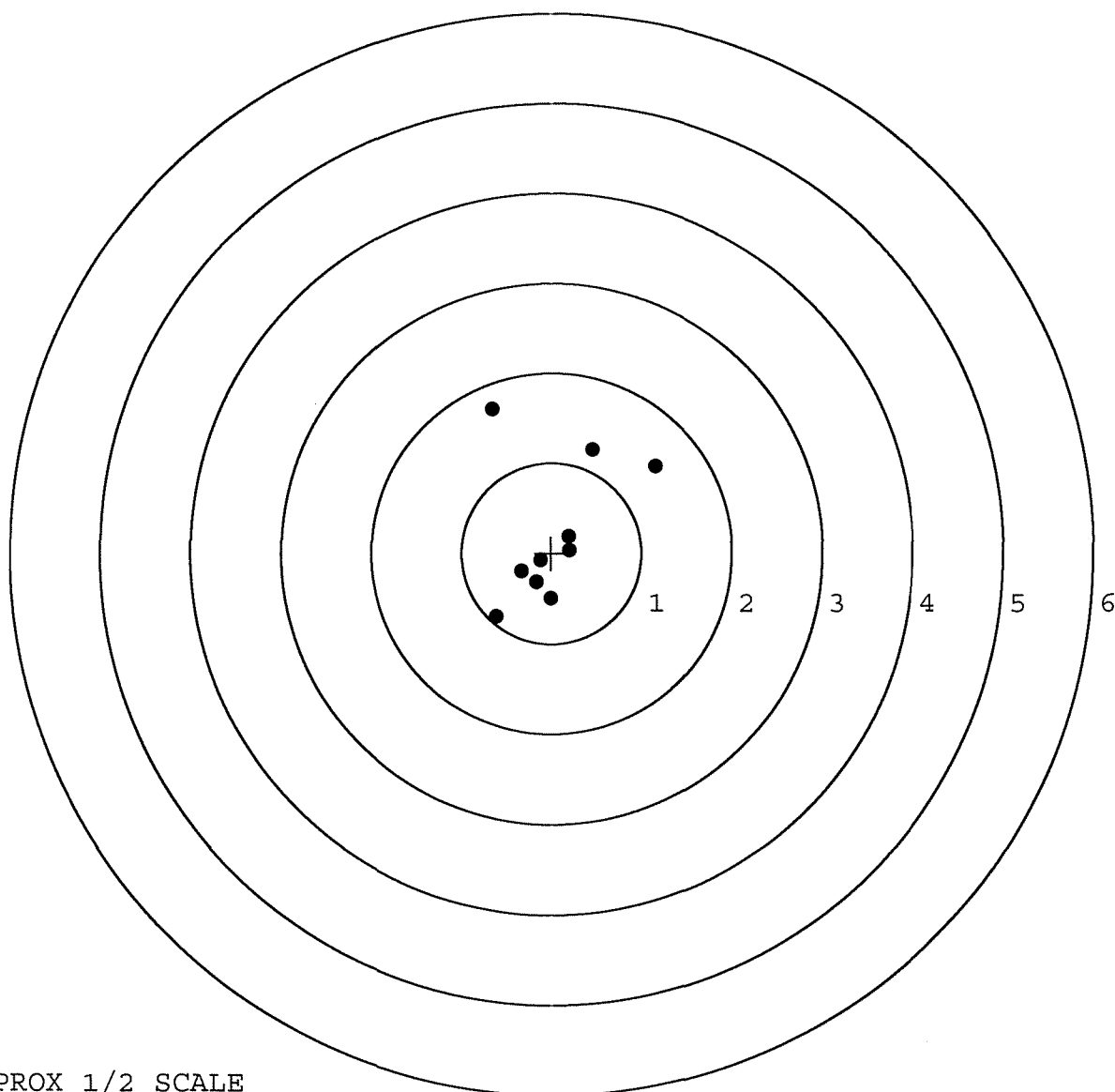
MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.153	0.958
2:	0.460	1.143
3:	-0.660	1.599
4:	0.195	0.185
5:	0.205	0.030
6:	-0.617	-0.703
7:	-0.007	-0.500
8:	-0.337	-0.203
9:	-0.121	-0.083
10:	-0.172	-0.325



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637728. __0

TARGET NUMBER: 2

FILE DATE: 04/02/2007

FILE TIME: 12:26

POINT#	X	Y
1:	-0.306	1.107
2:	0.413	0.431
3:	0.591	-0.014
4:	0.265	0.023
5:	-0.048	-0.873
6:	-0.941	-0.342
7:	-0.810	-0.352
8:	-0.362	0.132
9:	-0.437	-0.178
10:	-0.101	-0.110

X CENTROID: -0.174

Y CENTROID: -0.018

POA TO CENTROID: 0.174

HORZ SPREAD: 1.532

VERT SPREAD: 1.980

GROUP SPREAD: 1.997

MIN RADIUS: 0.118

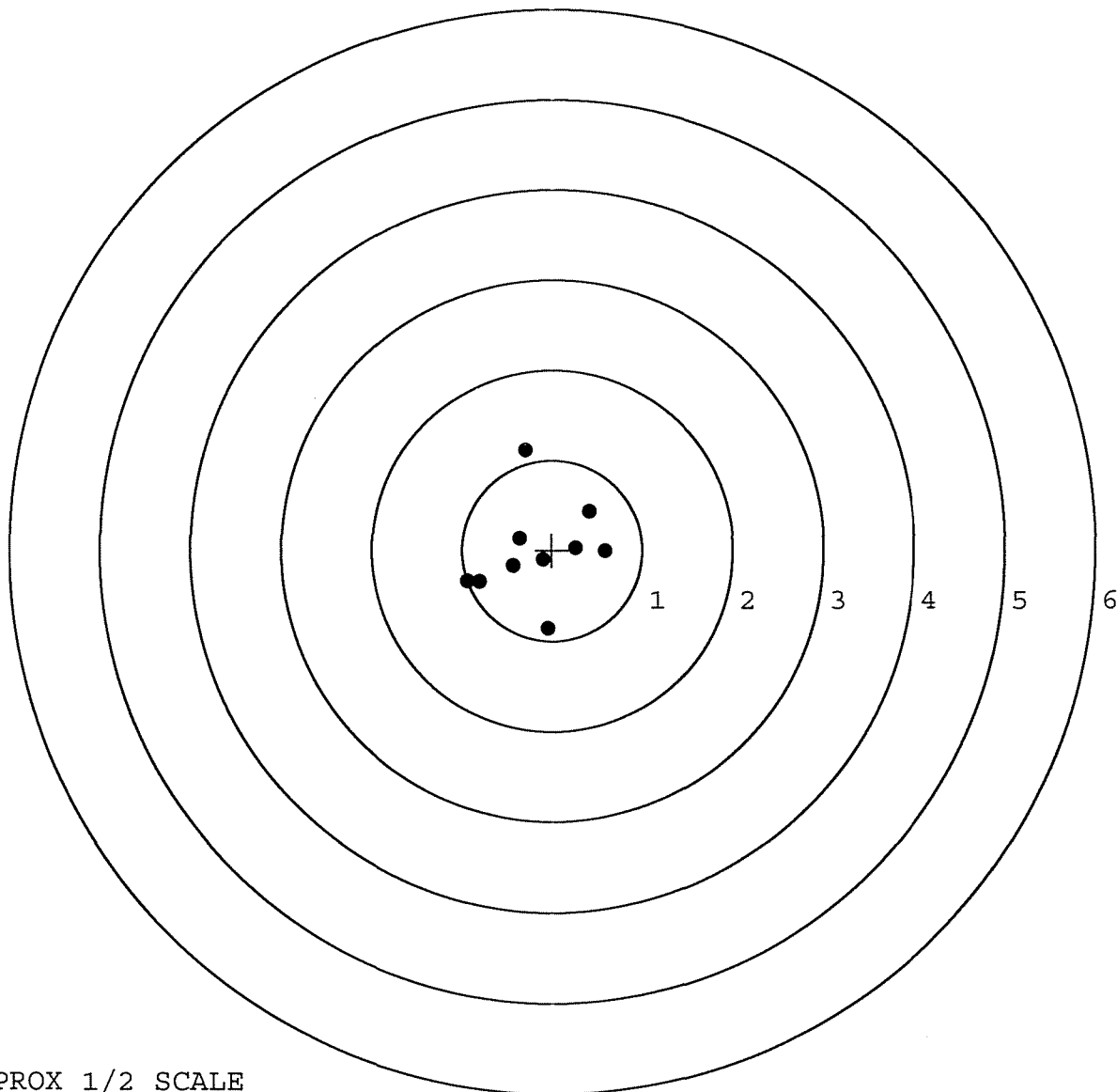
MAX RADIUS: 1.132

MEAN RADIUS: 0.616

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637728. 0

TARGET NUMBER: 3

FILE DATE: 04/02/2007

FILE TIME: 12:26

X CENTROID: -0.216

Y CENTROID: -0.100

POA TO CENTROID: 0.238

HORZ SPREAD: 1.561

VERT SPREAD: 1.955

GROUP SPREAD: 2.249

MIN RADIUS: 0.206

MAX RADIUS: 1.286

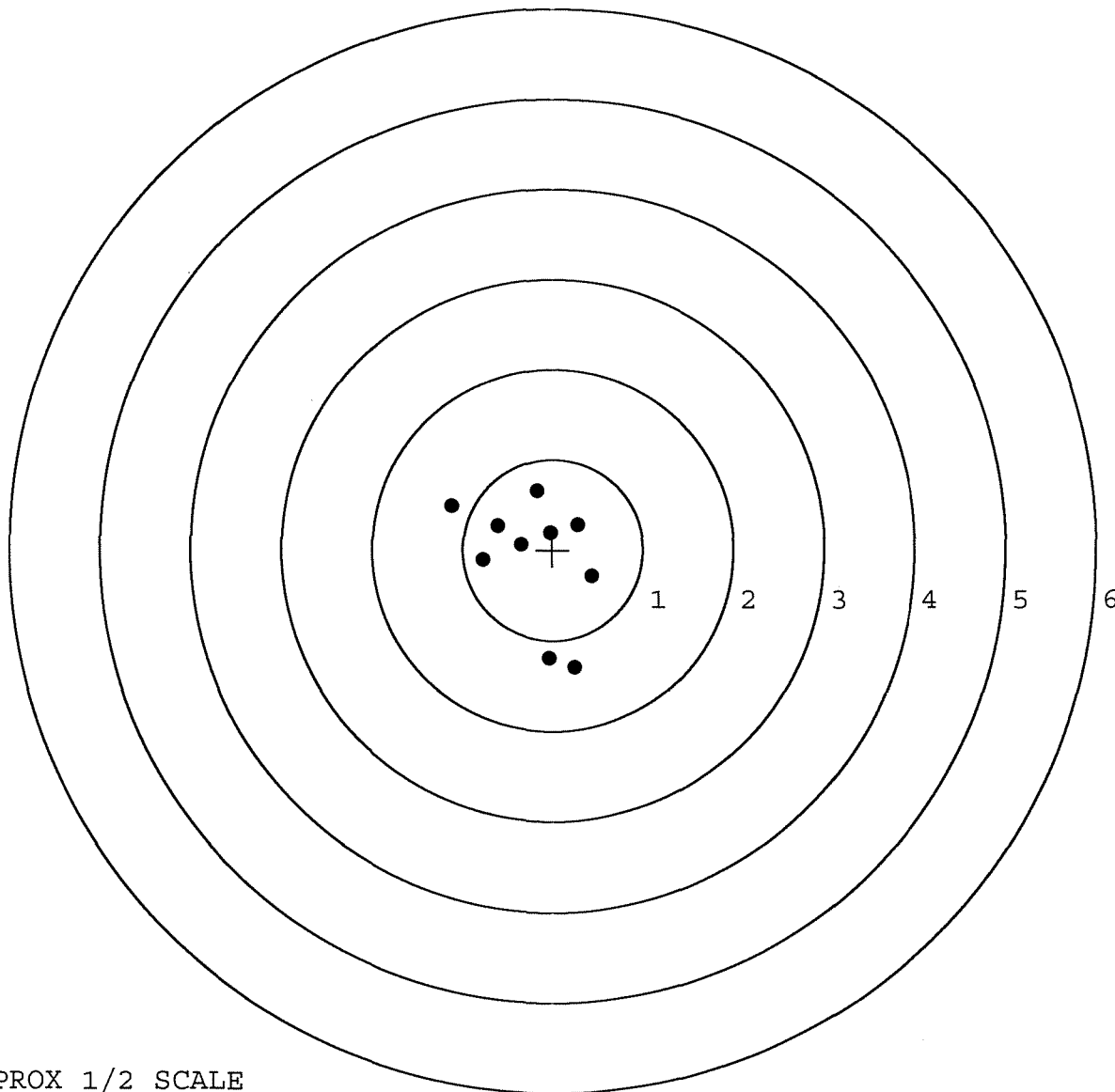
MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.240	-1.302
2:	-0.044	-1.202
3:	0.437	-0.298
4:	0.274	0.275
5:	-0.174	0.653
6:	-0.026	0.188
7:	-0.617	0.266
8:	-0.351	0.056
9:	-0.777	-0.117
10:	-1.124	0.486



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637728. 0

TARGET NUMBER: 4

FILE DATE: 04/02/2007

FILE TIME: 12:26

X CENTROID: -0.118

Y CENTROID: -0.070

POA TO CENTROID: 0.137

HORZ SPREAD: 1.432

VERT SPREAD: 1.895

GROUP SPREAD: 1.900

MIN RADIUS: 0.277

MAX RADIUS: 1.369

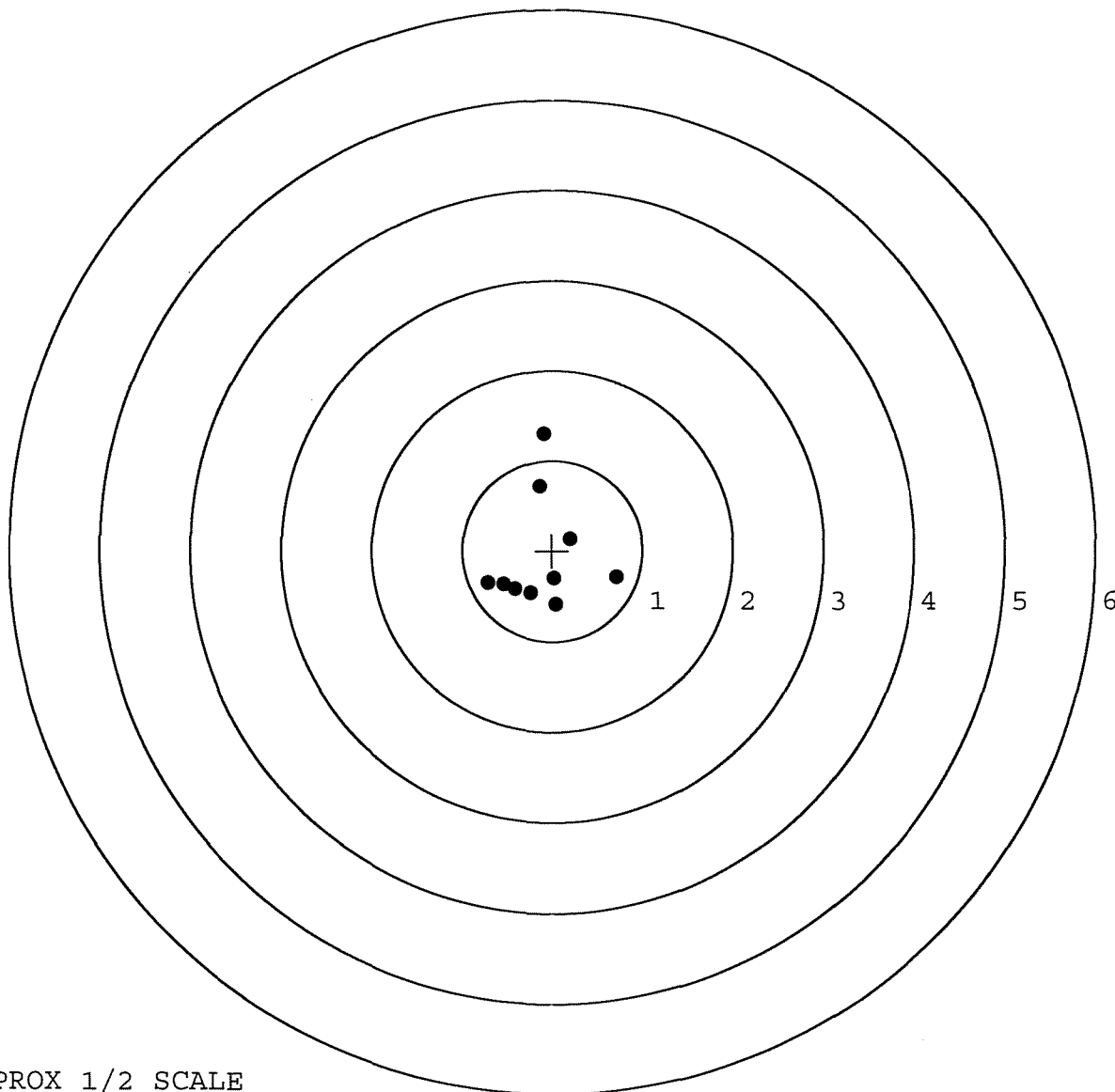
MEAN RADIUS: 0.629

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.714	-0.297
2:	0.202	0.127
3:	-0.141	0.712
4:	-0.097	1.299
5:	0.043	-0.596
6:	0.022	-0.309
7:	-0.243	-0.467
8:	-0.418	-0.429
9:	-0.718	-0.366
10:	-0.541	-0.377



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637728. __0

TARGET NUMBER: 5

FILE DATE: 04/02/2007

FILE TIME: 12:26

X CENTROID: -0.032

Y CENTROID: 0.069

POA TO CENTROID: 0.076

HORZ SPREAD: 2.040

VERT SPREAD: 1.922

GROUP SPREAD: 2.202

MIN RADIUS: 0.371

MAX RADIUS: 1.236

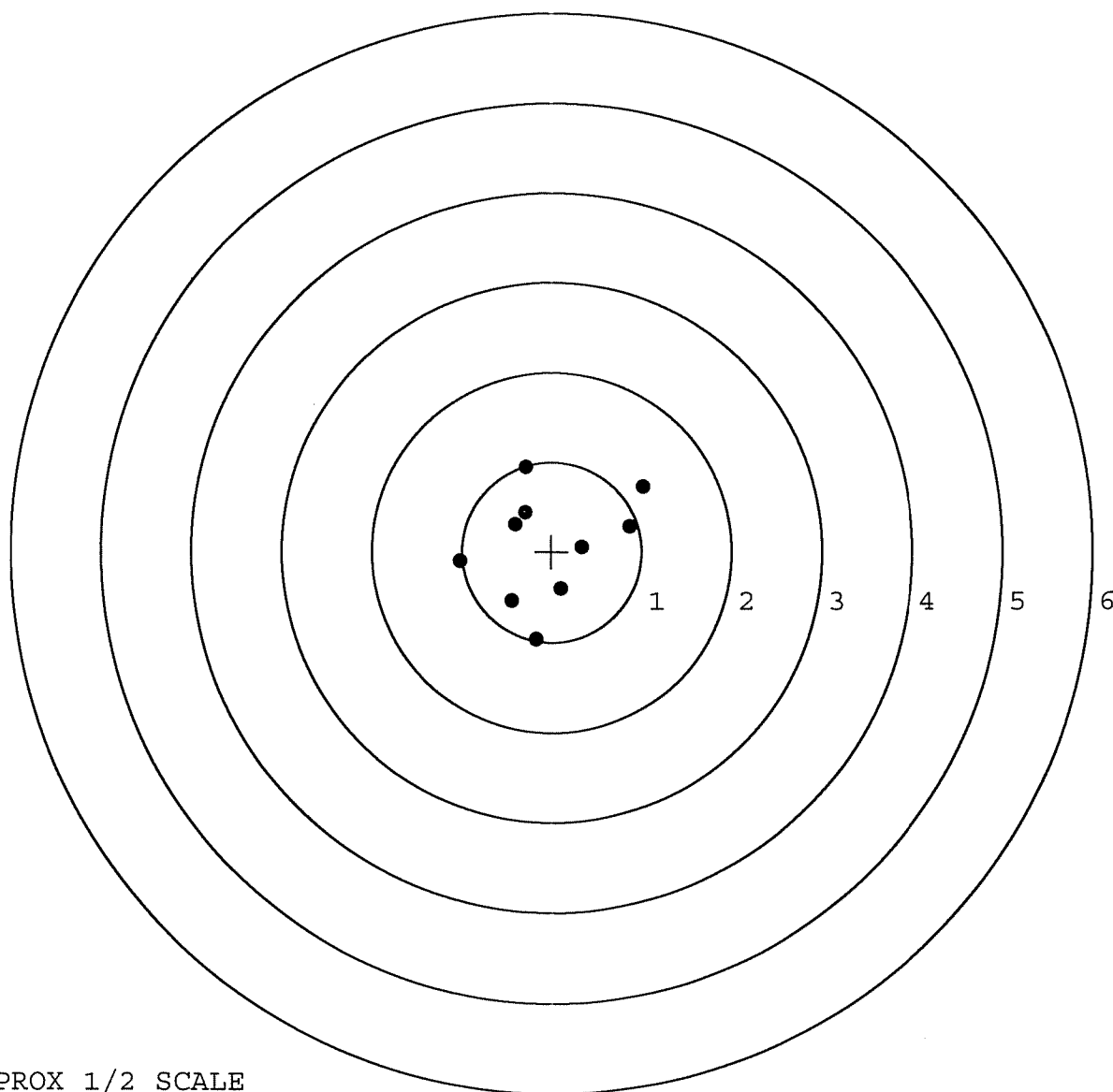
MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.017	0.722
2:	0.869	0.276
3:	0.339	0.052
4:	0.103	-0.418
5:	-0.179	-0.976
6:	-0.452	-0.548
7:	-0.412	0.303
8:	-0.295	0.438
9:	-0.287	0.946
10:	-1.023	-0.107



TARGET APPROX 1/2 SCALE