

G 663 7655

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

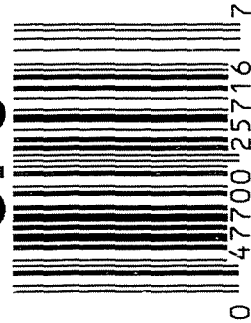
24"

CAPACITY

6

G6637655

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6637655

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		3-13-07	SPD
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 15 2007	3-14-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mmms</i>	3/15/07	<i>mmms</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRL
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/2/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/2/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/2/07	SPD
	D) OIL FIRING PIN ASSEMBLY		4/2/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	mmms

F004 REV 5/2006

560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.25</u>	<u>7.15</u>	<u>7.75</u>	4-19-07	TRW		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.5</u>	<u>2.25</u>	4-19-07	TRW		
	H) TRIGGER PULL TEST AND RETAINABILITY					4/19/07	non		
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.0255</u>	<u>.0245</u>	4-19-07	TRW		
	J) ASSEMBLE STOCK					4/2/07	S.P.W.		
	K) ASSEMBLE SWIVEL STUDS					4/19/07	non		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					4/19/07	non		
	M) IRON SIGHT ALIGNMENT					4/19/07	non		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					4/19/07	non		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL		4-13-07	TRW		
			PASS	FAIL					
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					4-13-07	Fry		
670	FINAL INSPECTION A) HEADSPACE					4/19/07	non		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.59</u>	<u>2.58</u>	<u>2.59</u>	<u>2.58</u>	<u>2.45</u>	4/18/07	non
	C) FUNCTION					4/19/07	non		
690	PACK					4/24/07	RA		

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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 3/29/07

TESTER mtw

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.62	2.66	2.66	
PULL #2	2.59	2.71	2.70	
PULL #3	2.65	2.74	2.68	
PULL #4	2.68	2.67	2.59	
PULL #5	2.62	2.70	2.66	
TOTAL	13.16	13.48	13.29	
AVERAGE	2.63	2.70	2.66	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.03	3.07	
PULL #2	3.06	3.02	
PULL #3	3.09	3.14	
PULL #4	3.05	3.07	
PULL #5	3.06	3.09	
TOTAL	15.29	15.39	
AVERAGE	3.06	3.08	

	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	3.94	3.90		4.08
PULL #2	3.97	4.07		4.07
PULL #3	4.16	4.03		4.18
PULL #4	4.07	3.97		4.06
PULL #5	4.00	4.04		4.16
TOTAL	20.14	20.01		20.55
AVERAGE	4.03	4.00		4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637655.___0

FILE DATE AND TIME: 04/13/2007 15:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	-0.130
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.712
The Distance from POA to Centroid Target #1:	0.324
The Distance from Centroid Target #2 to Centroid Target #1:	0.349
The Distance from Centroid Target #3 to Centroid Target #1:	0.322
The Distance from Centroid Target #4 to Centroid Target #1:	0.246
The Distance from Centroid Target #5 to Centroid Target #1:	0.334

SERIAL NUMBER: G6637655. 0

TARGET NUMBER: 1

FILE DATE: 04/13/2007

FILE TIME: 15:02

X CENTROID: -0.189

Y CENTROID: -0.262

POA TO CENTROID: 0.324

HORZ SPREAD: 1.393

VERT SPREAD: 2.468

GROUP SPREAD: 2.479

MIN RADIUS: 0.174

MAX RADIUS: 1.372

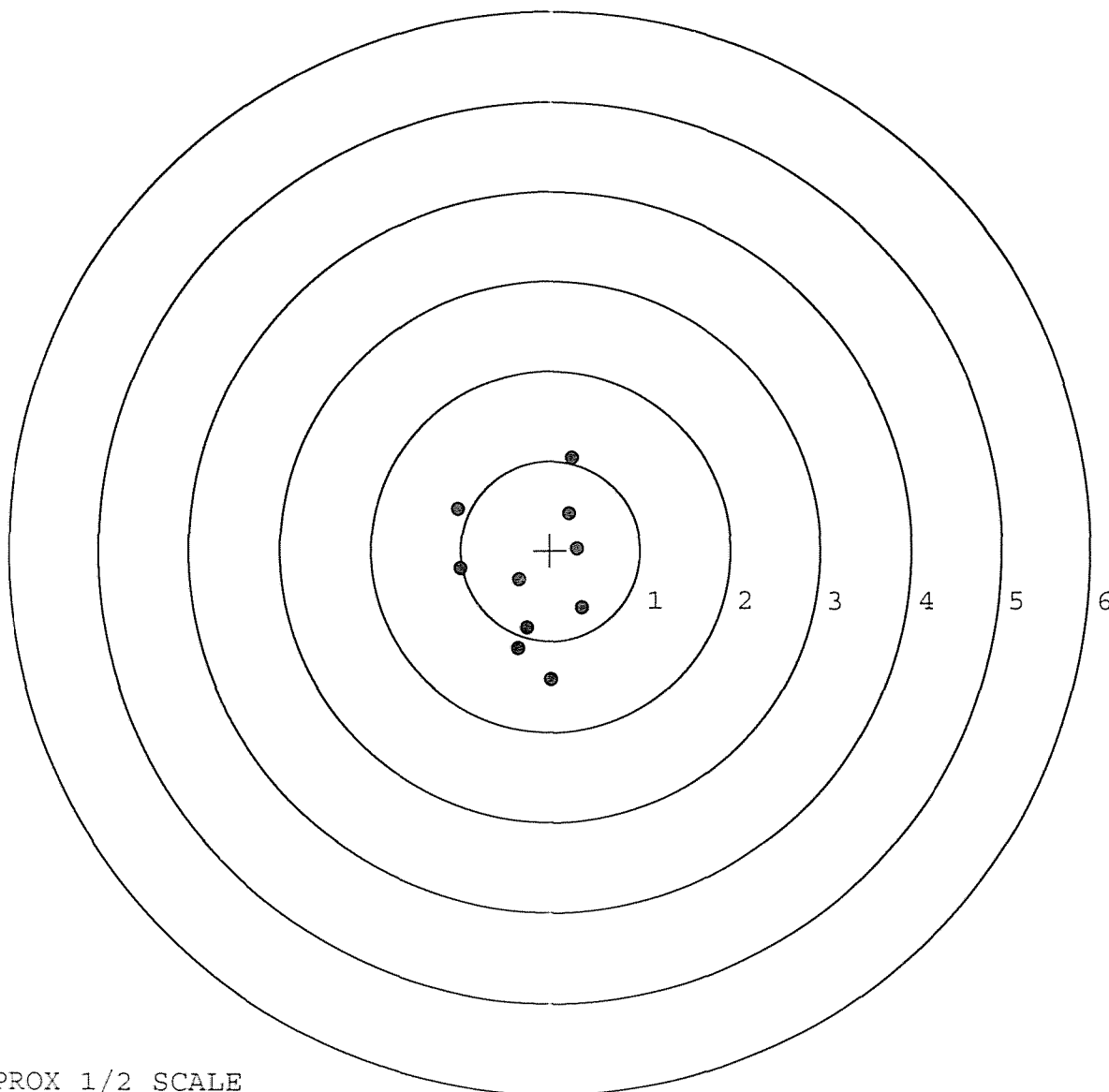
MEAN RADIUS: 0.813

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.011	-1.428
2:	-0.260	-0.864
3:	0.357	-0.638
4:	-0.351	-0.328
5:	0.301	0.026
6:	0.209	0.418
7:	0.242	1.040
8:	-1.001	-0.211
9:	-1.036	0.454
10:	-0.366	-1.093



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637655. __0

TARGET NUMBER: 2

FILE DATE: 04/13/2007

FILE TIME: 15:02

X CENTROID: -0.147

Y CENTROID: 0.084

POA TO CENTROID: 0.170

HORZ SPREAD: 2.435

VERT SPREAD: 2.351

GROUP SPREAD: 2.623

MIN RADIUS: 0.164

MAX RADIUS: 1.363

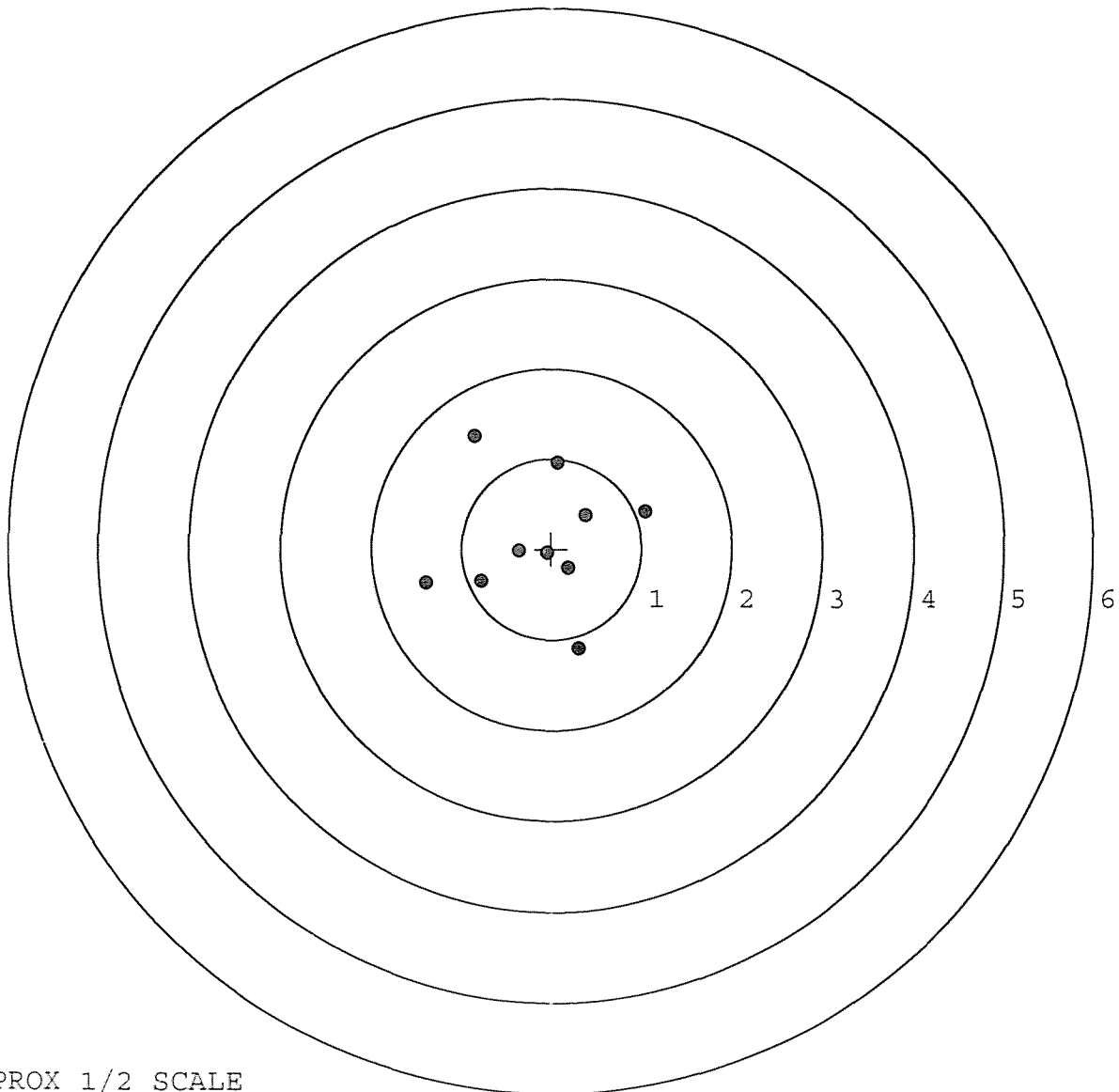
MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.039	0.411
2:	0.380	0.372
3:	0.068	0.957
4:	-0.858	1.247
5:	0.305	-1.104
6:	-1.396	-0.385
7:	-0.784	-0.363
8:	-0.366	-0.028
9:	-0.052	-0.049
10:	0.192	-0.215

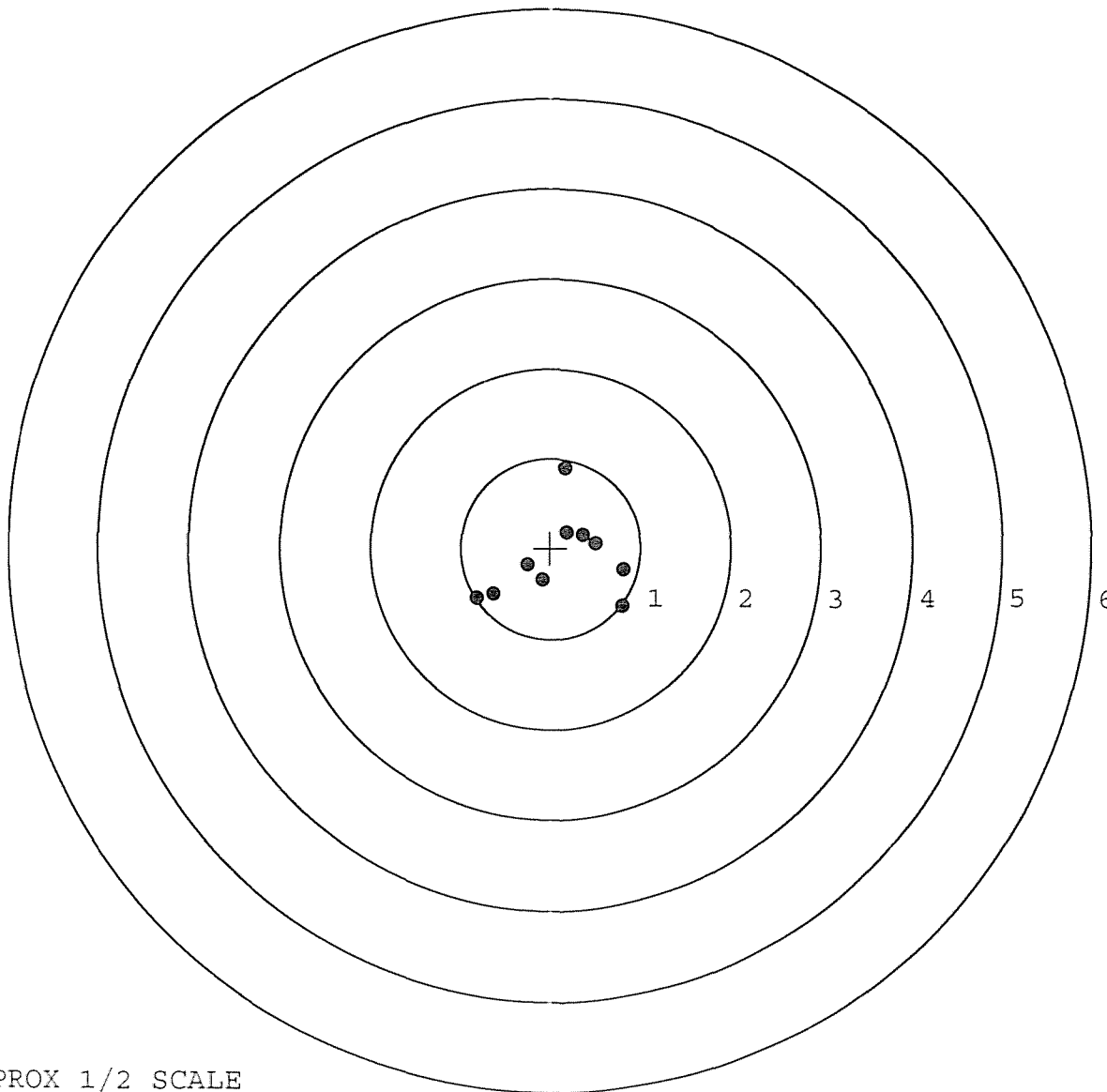


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637655. __0
TARGET NUMBER: 3
FILE DATE: 04/13/2007
FILE TIME: 15:02

X CENTROID: 0.100
Y CENTROID: -0.123
POA TO CENTROID: 0.159
HORZ SPREAD: 1.630
VERT SPREAD: 1.530
GROUP SPREAD: 1.749
MIN RADIUS: 0.301
MAX RADIUS: 1.020
MEAN RADIUS: 0.624
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.794	-0.643
2:	0.808	-0.243
3:	0.503	0.059
4:	0.162	0.887
5:	0.174	0.179
6:	-0.090	-0.356
7:	-0.255	-0.188
8:	-0.822	-0.559
9:	0.365	0.148
10:	-0.635	-0.513

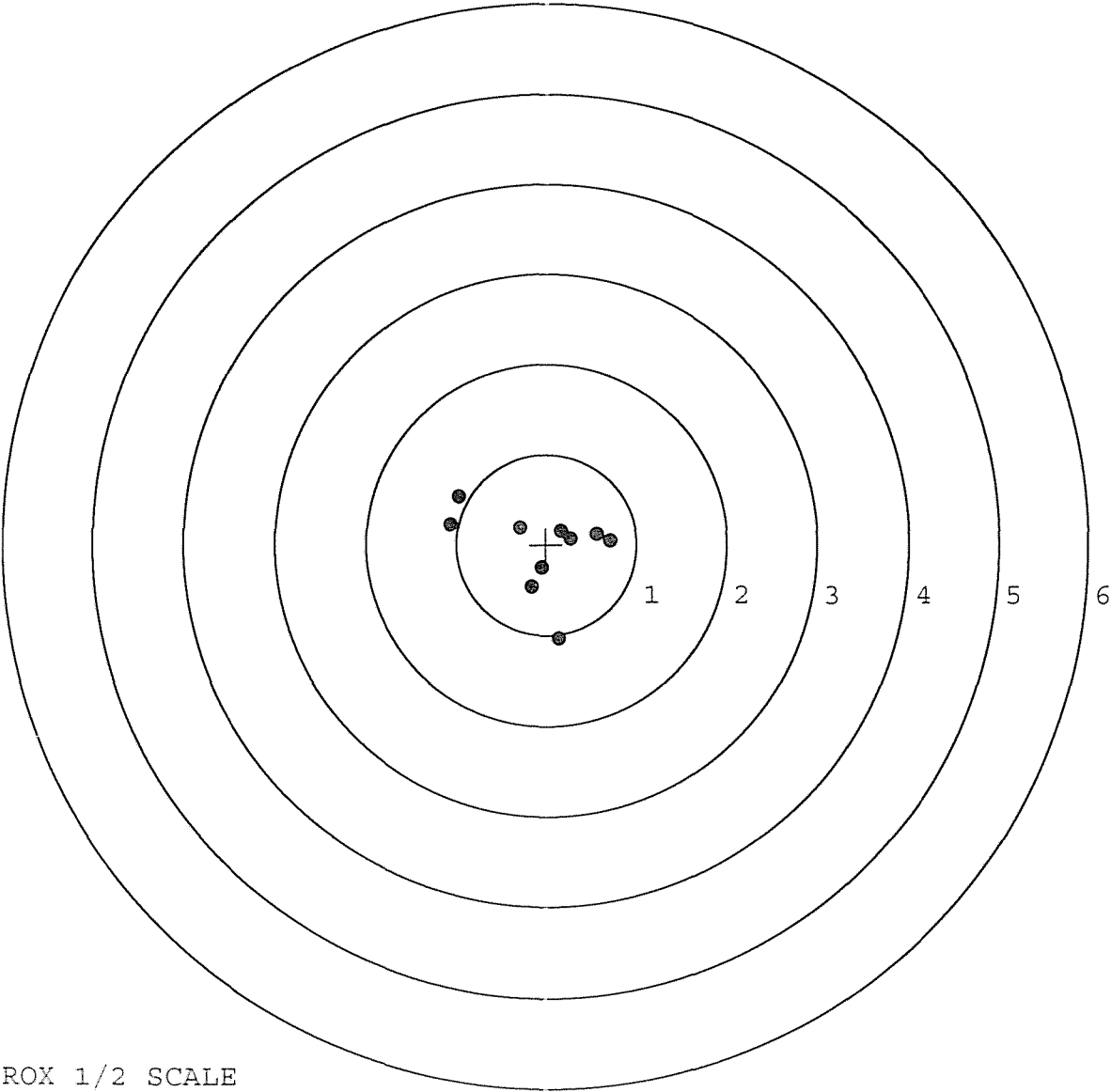


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637655.0
TARGET NUMBER: 4
FILE DATE: 04/13/2007
FILE TIME: 15:02

X CENTROID: -0.070
Y CENTROID: -0.048
POA TO CENTROID: 0.085
HORZ SPREAD: 1.777
VERT SPREAD: 1.568
GROUP SPREAD: 1.928
MIN RADIUS: 0.215
MAX RADIUS: 1.076
MEAN RADIUS: 0.621
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.142	-1.040
2:	0.710	0.045
3:	0.565	0.116
4:	0.276	0.066
5:	0.167	0.147
6:	-0.296	0.186
7:	-0.979	0.528
8:	-1.067	0.217
9:	-0.164	-0.478
10:	-0.053	-0.262



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637655. __0

TARGET NUMBER: 5

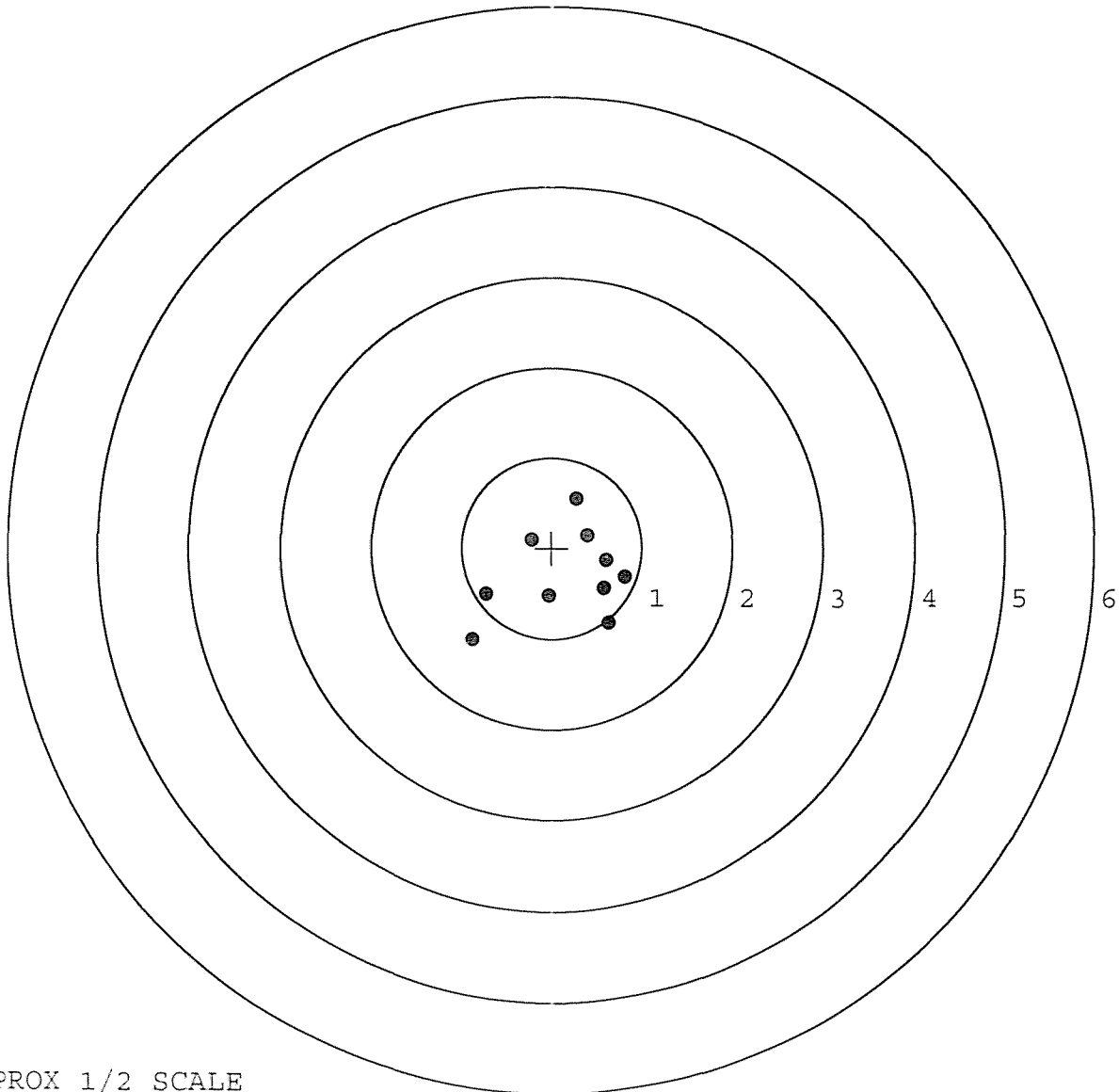
FILE DATE: 04/13/2007

FILE TIME: 15:02

X CENTROID: 0.142
Y CENTROID: -0.304
POA TO CENTROID: 0.336
HORZ SPREAD: 1.694
VERT SPREAD: 1.554
GROUP SPREAD: 1.934
MIN RADIUS: 0.289
MAX RADIUS: 1.243
MEAN RADIUS: 0.667

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

POINT#	X	Y
1:	0.271	0.545
2:	0.399	0.137
3:	0.630	-0.833
4:	-0.038	-0.530
5:	-0.221	0.088
6:	-0.727	-0.511
7:	-0.881	-1.009
8:	0.813	-0.330
9:	0.601	-0.143
10:	0.578	-0.453



TARGET APPROX 1/2 SCALE