

G-646 1663

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



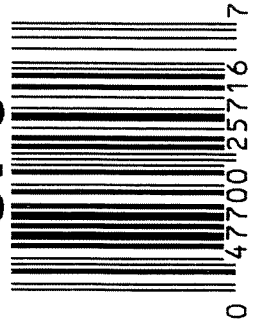
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461663

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 # G 6461663

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		10-6-05	RTZ
440	PROOF		10-5-05	RG
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	10-5-05	RG
470	DIS-ASSEMBLE ACTION		10-6-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR <i>[signature]</i>	10/10/05	<i>[signature]</i>
500	ROLLMARK CALIBER		10-10-05	CW
510	DRILL AND TAP SIGHT HOLES		10-7-05	TRL
520	GOFF BLAST BBL / REC		10-14-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/19/05	RB
	(BOLT)		10/19/05	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/20/05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/20/05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/20/05	DA
	D) OIL FIRING PIN ASSEMBLY		10-20-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6 lb</u> <u>6 lb</u> <u>6 lb</u>	11-2-05	BC
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 lb</u> <u>3 lb</u> <u>3 lb</u>	11-2-05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	11-2-05	BC
	J) ASSEMBLE STOCK		10-26-05	RTL
	K) ASSEMBLE SWIVEL STUDS		11-2-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-2-05	BC
	M) IRON SIGHT ALIGNMENT		11-2-05	BC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-2-05	BC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> <u>FAIL</u> <u>PASS</u> <u>FAIL</u>	10/27/05	RTL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/27/05	RTL
670	FINAL INSPECTION A) HEADSPACE		11-2-05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.60</u> <u>2.67</u> <u>2.54</u> <u>2.40</u> <u>2.48</u>	10-31-05	TRL
	C) FUNCTION		11-2-05	BC
690	PACK			

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 10-22-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.57	2.74	2.68	
PULL #2	2.47	2.75	2.54	
PULL #3	2.48	2.37	2.59	
PULL #4	2.25	2.62	2.64	
PULL #5	2.51	2.57	2.54	
TOTAL	12.28	13.05	12.99	
AVERAGE	2.45	2.61	2.59	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.21	3.09	
PULL #2	2.96	3.17	
PULL #3	3.05	2.81	
PULL #4	2.98	3.04	
PULL #5	3.10	3.09	
TOTAL	15.30	15.20	
AVERAGE	3.06	3.04	

	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	4.14	3.92		4.12
PULL #2	4.19	4.25		3.94
PULL #3	4.18	4.18		4.17
PULL #4	4.26	4.17		4.12
PULL #5	4.12	4.16		4.11
TOTAL	20.89	20.68		20.46
AVERAGE	4.17	4.13		4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461663.___0
FILE DATE AND TIME: 10/31/2005 11:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.053
The Average Mean Radius of the Five Target Set:	0.658
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.160
The Distance from Centroid Target #3 to Centroid Target #1:	0.422
The Distance from Centroid Target #4 to Centroid Target #1:	0.268
The Distance from Centroid Target #5 to Centroid Target #1:	0.316

SERIAL NUMBER: G6461663. __0

TARGET NUMBER: 1

FILE DATE: 10/31/2005

FILE TIME: 11:28

POINT#	X	Y
1:	1.400	1.148
2:	-2.204	0.798
3:	0.272	-1.012
4:	0.146	-0.485
5:	0.194	-0.090
6:	-0.130	-0.021
7:	-0.652	0.194
8:	-0.461	0.685
9:	0.201	0.482
10:	-0.309	0.250

X CENTROID: -0.154

Y CENTROID: 0.195

POA TO CENTROID: 0.249

HORZ SPREAD: 3.604

VERT SPREAD: 2.160

GROUP SPREAD: 3.621

MIN RADIUS: 0.164

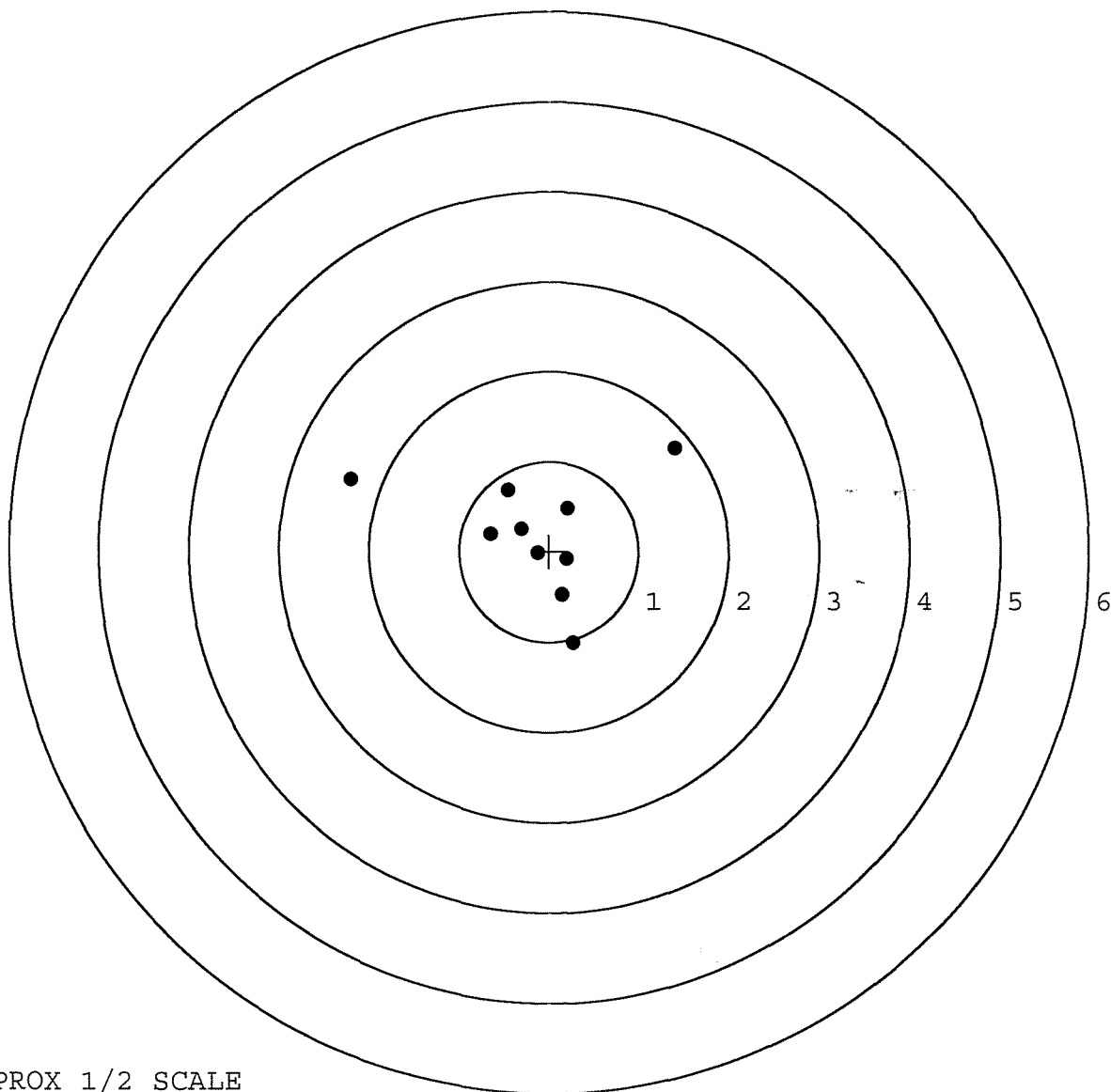
MAX RADIUS: 2.137

MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

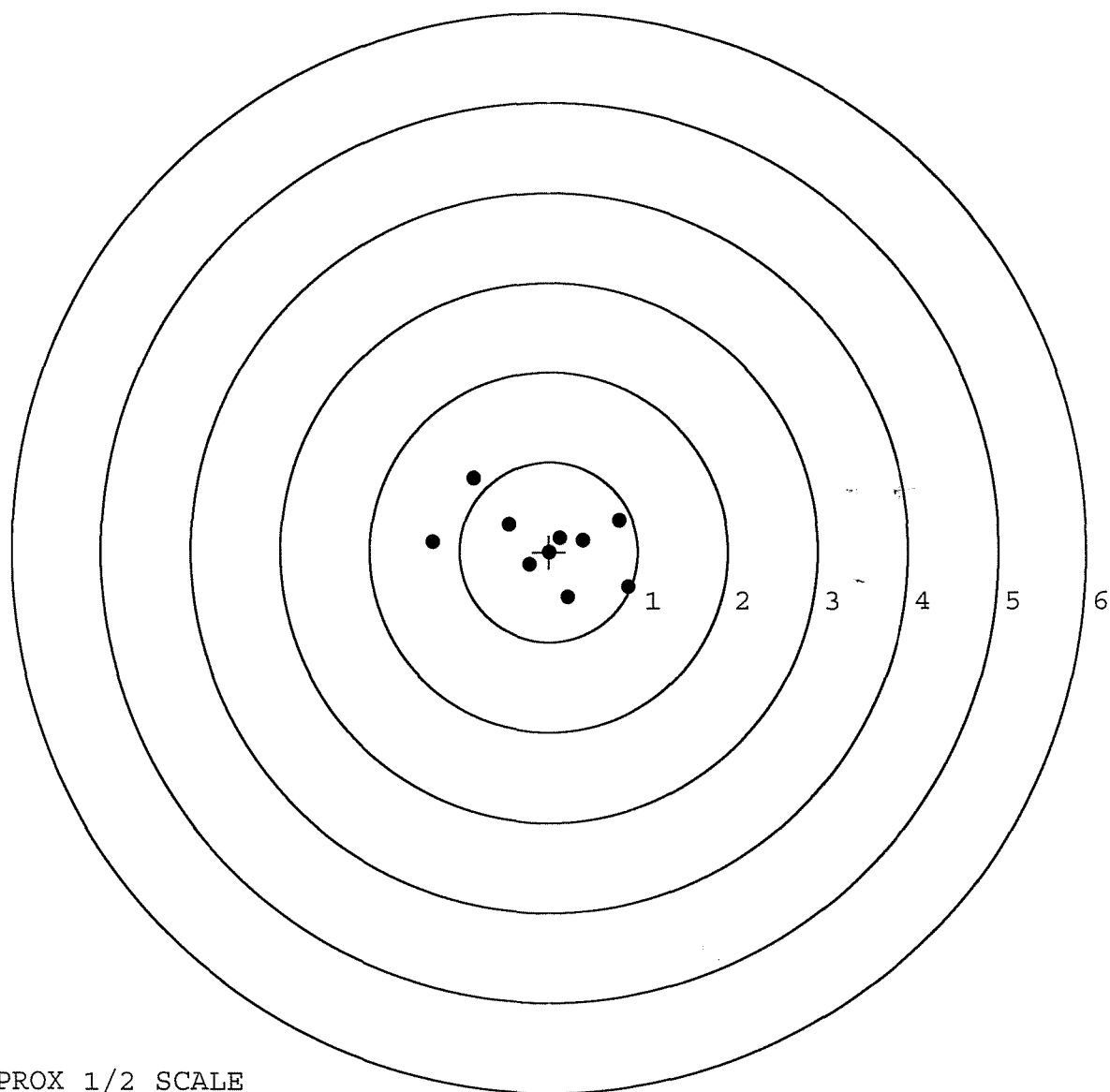


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461663. __0
 TARGET NUMBER: 2
 FILE DATE: 10/31/2005
 FILE TIME: 11:28

X CENTROID: -0.042
 Y CENTROID: 0.081
 POA TO CENTROID: 0.091
 HORZ SPREAD: 2.187
 VERT SPREAD: 1.327
 GROUP SPREAD: 2.246
 MIN RADIUS: 0.100
 MAX RADIUS: 1.256
 MEAN RADIUS: 0.636
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.889	-0.398
2:	0.207	-0.511
3:	0.786	0.350
4:	0.382	0.130
5:	-0.448	0.302
6:	-0.845	0.816
7:	-1.298	0.113
8:	-0.221	-0.144
9:	0.006	-0.007
10:	0.120	0.160

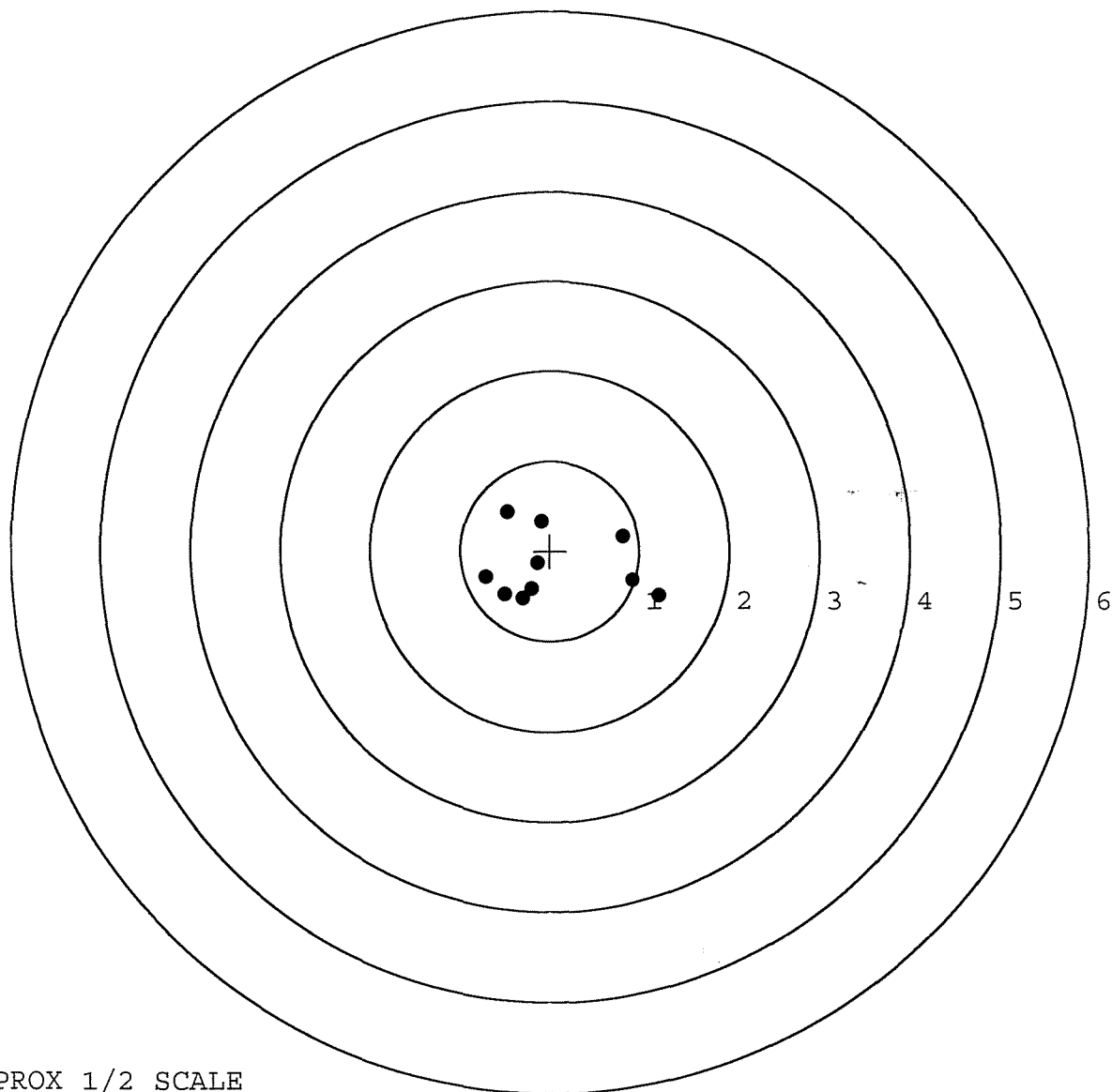


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461663. 0
 TARGET NUMBER: 3
 FILE DATE: 10/31/2005
 FILE TIME: 11:28

POINT#	X	Y
1:	1.215	-0.496
2:	0.926	-0.324
3:	0.819	0.167
4:	-0.101	0.328
5:	-0.484	0.436
6:	-0.140	-0.134
7:	-0.213	-0.423
8:	-0.311	-0.531
9:	-0.512	-0.485
10:	-0.714	-0.293

X CENTROID: 0.048
 Y CENTROID: -0.176
 POA TO CENTROID: 0.182
 HORZ SPREAD: 1.929
 VERT SPREAD: 0.967
 GROUP SPREAD: 1.940
 MIN RADIUS: 0.193
 MAX RADIUS: 1.210
 MEAN RADIUS: 0.675
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

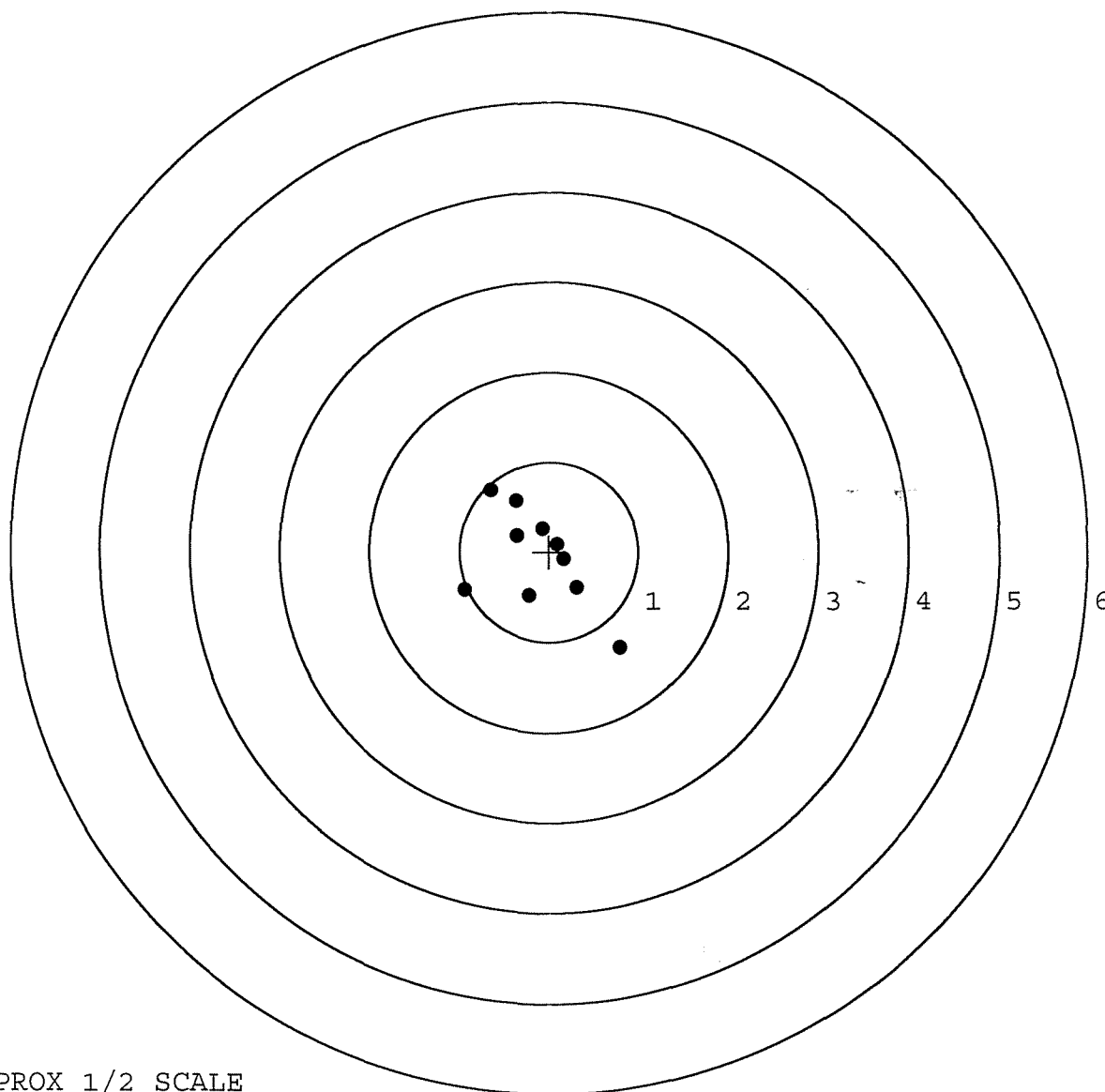


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461663. __0
 TARGET NUMBER: 4
 FILE DATE: 10/31/2005
 FILE TIME: 11:28

X CENTROID: -0.130
 Y CENTROID: -0.072
 POA TO CENTROID: 0.149
 HORZ SPREAD: 1.729
 VERT SPREAD: 1.747
 GROUP SPREAD: 2.268
 MIN RADIUS: 0.269
 MAX RADIUS: 1.351
 MEAN RADIUS: 0.606
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.788	-1.064
2:	-0.941	-0.432
3:	-0.232	-0.493
4:	0.307	-0.406
5:	-0.658	0.683
6:	-0.376	0.563
7:	-0.363	0.175
8:	-0.078	0.256
9:	0.091	0.082
10:	0.163	-0.086



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461663. __0

TARGET NUMBER: 5

FILE DATE: 10/31/2005

FILE TIME: 11:28

POINT#	X	Y
1:	1.153	-0.418
2:	0.301	-0.813
3:	0.416	-0.347
4:	0.050	-0.256
5:	0.040	0.009
6:	-0.165	0.079
7:	-0.221	0.219
8:	-0.418	0.324
9:	-0.301	0.626
10:	-0.669	-0.124

X CENTROID: 0.019

Y CENTROID: -0.070

POA TO CENTROID: 0.073

HORZ SPREAD: 1.822

VERT SPREAD: 1.439

GROUP SPREAD: 1.846

MIN RADIUS: 0.082

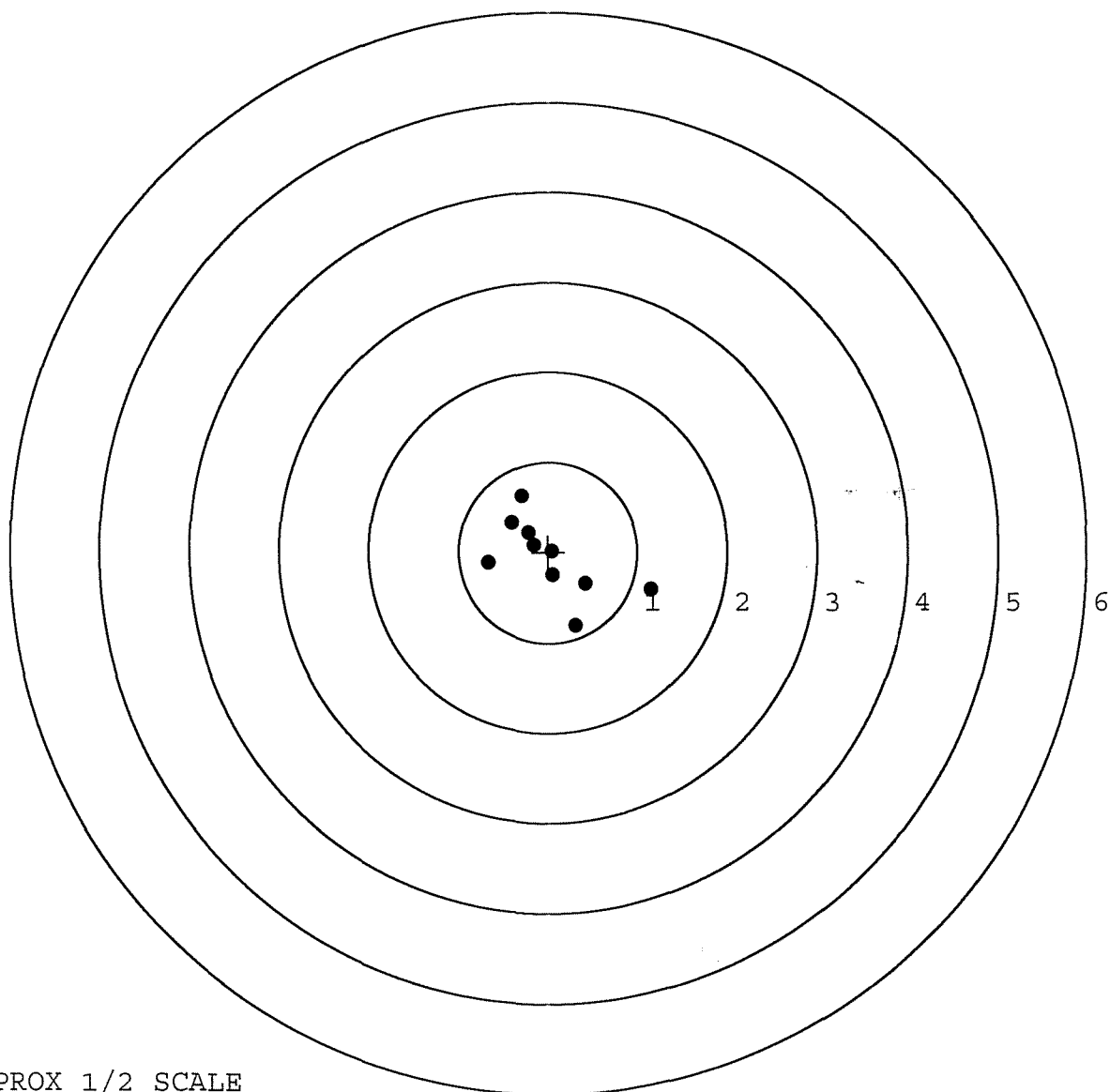
MAX RADIUS: 1.187

MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE