

BARBER - M24 0085457

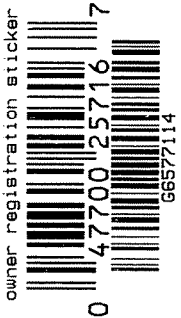
G6577114

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0085457 **M2400085496**

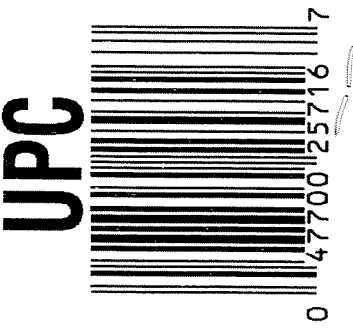
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6577114



DD FORM

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.



GUN SERIAL # G6577114

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/23/06	RLG
420	ASSEMBLE ACTION		6/28/06	RLG
430	ASSEMBLE TO STOCK		6-29-06	R.P.
440	PROOF	MAGNA-FLUX INSPECTED	6-29-06	TRW
460	CHECK HEADSPACE	JUL 06 2006	6-29-06	TRW
470	DIS-ASSEMBLE ACTION		7-5-06	RLG
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mm</i>	7/6/06	<i>mm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-7-06	CW
510	DRILL AND TAP SIGHT HOLES		7-6-06	TRW
520	GOFF BLAST BBL / REC		7-7-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		7/11	<i>mm</i>
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-12-06	RT
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-12-06	RT
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-12-06	RT
	D) OIL FIRING PIN ASSEMBLY		7-12-06	RT
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-17-06	<i>mm</i>

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.8</u> <u>6.5</u> <u>6.0</u>	8-15-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.2</u>	8-15-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		8-17-06	mtj
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	8-15-06	DA
	J) ASSEMBLE STOCK		7-12-06	RTL
	K) ASSEMBLE SWIVEL STUDS		8-17-06	mtj
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-12-06	BLG
	M) IRON SIGHT ALIGNMENT		7-12-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-12-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-10-06	R.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8/10/06	mtj
670	FINAL INSPECTION A) HEADSPACE		8-17-06	mtj
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.39</u> <u>2.43</u> <u>2.41</u> <u>2.34</u>	8-15-06	DA
	C) FUNCTION		8-17-06	mtj
690	PACK		11-16-06	BLG

F004 REV 5/2006

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 7-10-06

TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.42	2.57		2.50	
PULL #2	2.41	2.52		2.53	
PULL #3	2.45	2.33		2.62	
PULL #4	2.52	2.47		2.57	
PULL #5	2.44	2.53		2.51	
TOTAL	12.24	12.42		12.73	
AVERAGE	2.44	2.48		2.54	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.02		
PULL #2	3.26	3.07		
PULL #3	3.06	2.96		
PULL #4	3.03	2.93		
PULL #5	2.93	2.96		
TOTAL	15.48	14.94		
AVERAGE	3.09	2.98		

	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	4.22	4.23		4.22
PULL #2	4.11	4.07		4.01
PULL #3	4.21	4.15		4.04
PULL #4	4.04	4.09		3.92
PULL #5	3.96	4.14		4.11
TOTAL	20.54	20.68		20.30
AVERAGE	4.10	4.13		4.06

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0085482 M2400085501

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577114.___0
FILE DATE AND TIME: 08/10/2006 18:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

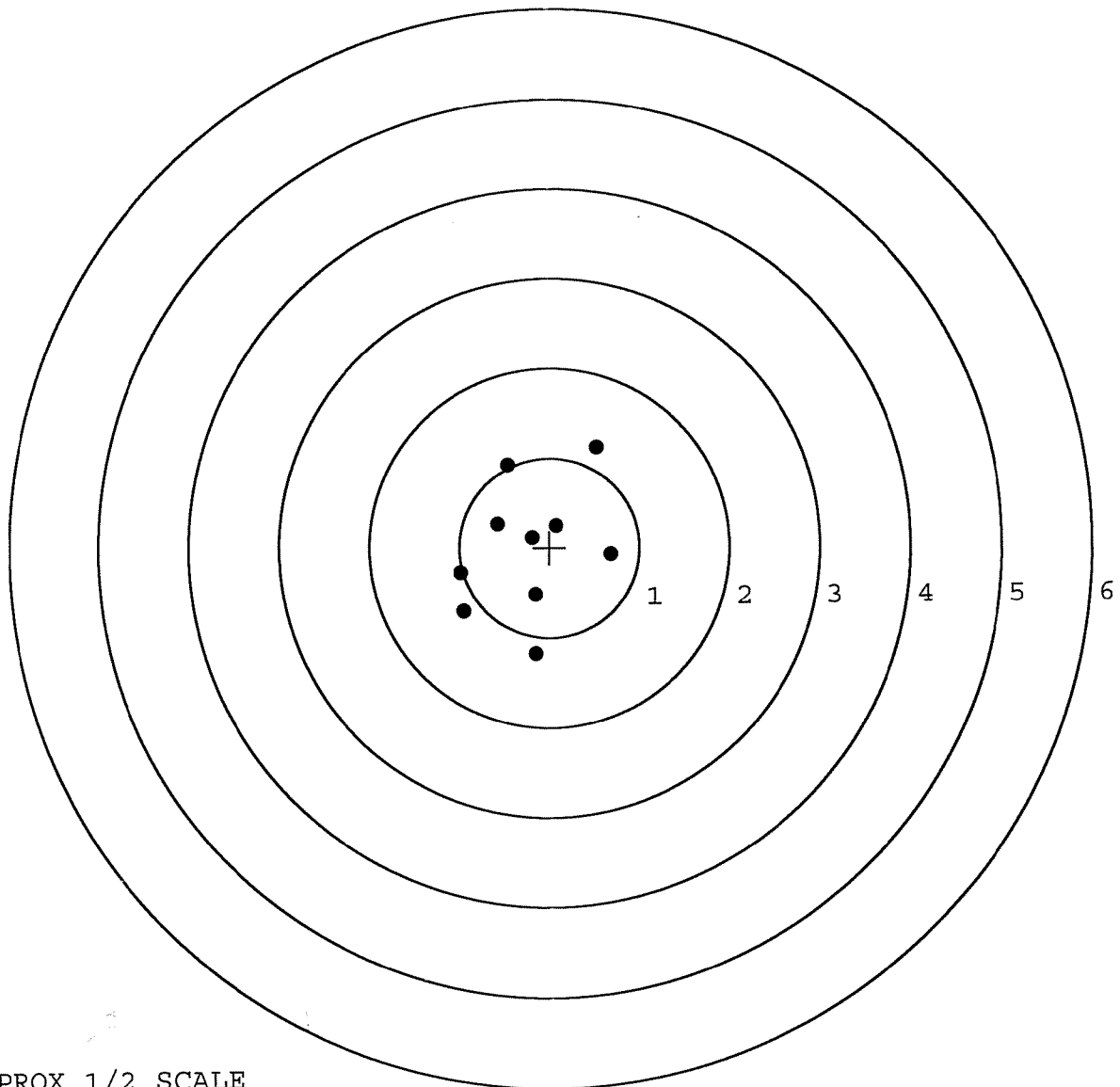
The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	0.081
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.614
The Distance from POA to Centroid Target #1:	0.224
The Distance from Centroid Target #2 to Centroid Target #1:	0.407
The Distance from Centroid Target #3 to Centroid Target #1:	0.274
The Distance from Centroid Target #4 to Centroid Target #1:	0.153
The Distance from Centroid Target #5 to Centroid Target #1:	0.288

BARBER - M24 0085464

SERIAL NUMBER: G6577114. __0
TARGET NUMBER: 1
FILE DATE: 08/10/2006
FILE TIME: 18:38

X CENTROID: -0.223
Y CENTROID: -0.013
POA TO CENTROID: 0.224
HORZ SPREAD: 1.673
VERT SPREAD: 2.304
GROUP SPREAD: 2.407
MIN RADIUS: 0.126
MAX RADIUS: 1.360
MEAN RADIUS: 0.772
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.532	1.118
2:	-0.463	0.925
3:	0.074	0.242
4:	-0.194	0.109
5:	-0.580	0.260
6:	0.681	-0.081
7:	-0.992	-0.281
8:	-0.164	-0.527
9:	-0.960	-0.711
10:	-0.166	-1.186



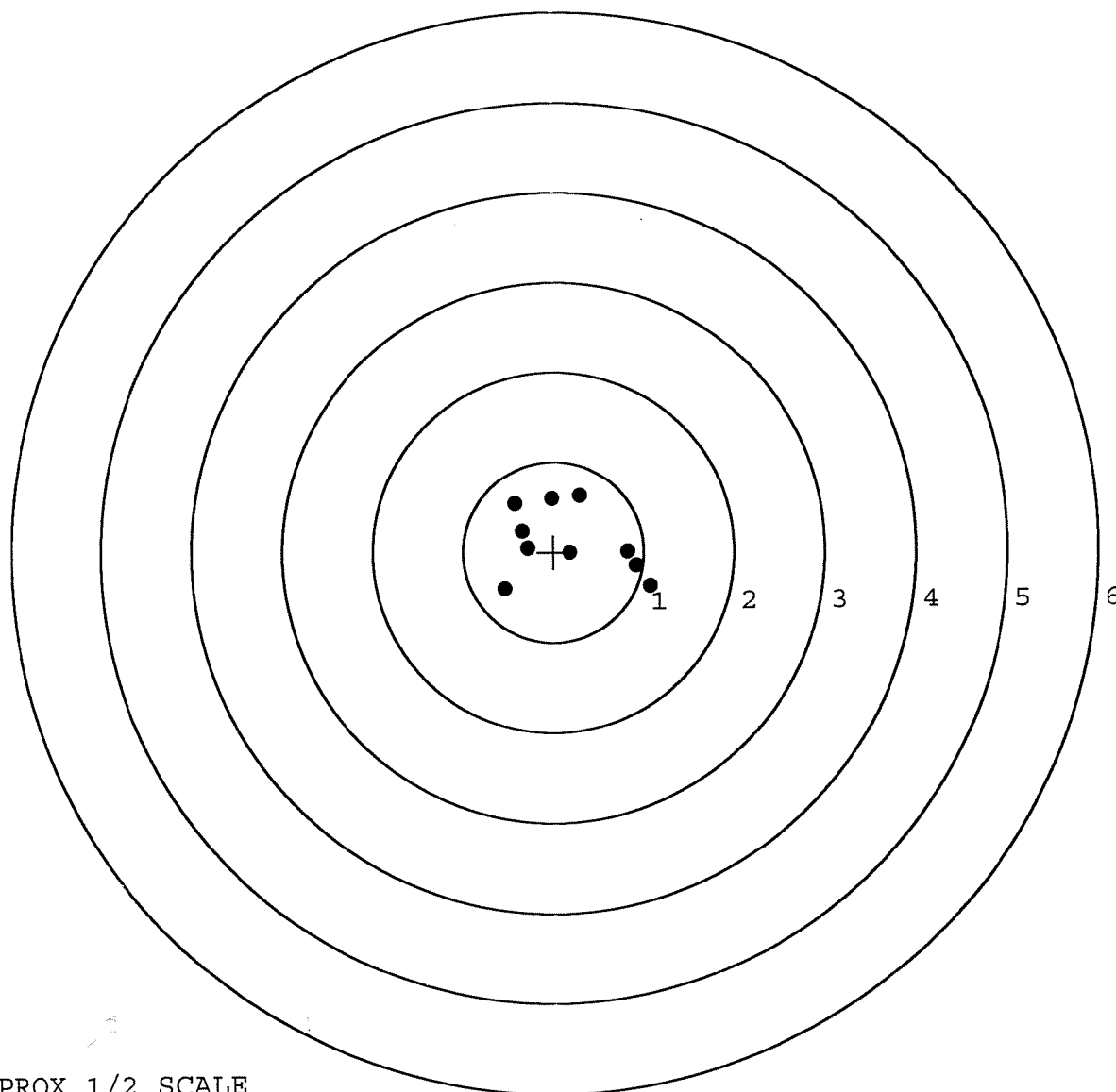
TARGET APPROX 1/2 SCALE

BARBER - M24 0085465

SERIAL NUMBER: G6577114. 0
TARGET NUMBER: 2
FILE DATE: 08/10/2006
FILE TIME: 18:38

X CENTROID: 0.166
Y CENTROID: 0.106
POA TO CENTROID: 0.197
HORZ SPREAD: 1.613
VERT SPREAD: 1.029
GROUP SPREAD: 1.760
MIN RADIUS: 0.120
MAX RADIUS: 1.030
MEAN RADIUS: 0.626
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.072	-0.384
2:	0.826	0.002
3:	0.185	-0.013
4:	-0.541	-0.407
5:	0.294	0.622
6:	-0.023	0.587
7:	-0.430	0.534
8:	-0.351	0.231
9:	-0.289	0.044
10:	0.919	-0.159



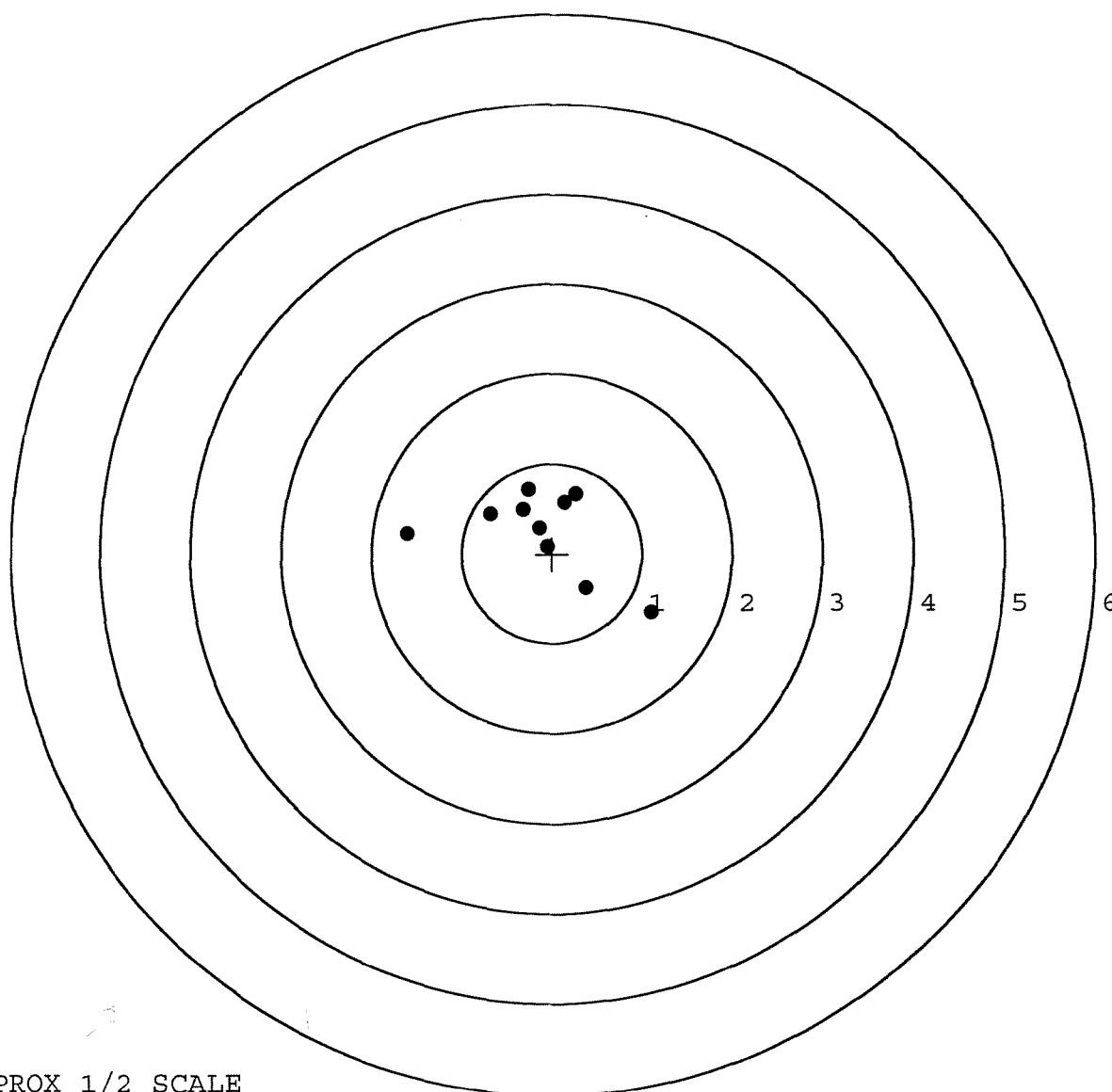
TARGET APPROX 1/2 SCALE

BARBER - M24 0085466

SERIAL NUMBER: G6577114. __0
TARGET NUMBER: 3
FILE DATE: 08/10/2006
FILE TIME: 18:38

X CENTROID: -0.120
Y CENTROID: 0.241
POA TO CENTROID: 0.269
HORZ SPREAD: 2.716
VERT SPREAD: 1.369
GROUP SPREAD: 2.854
MIN RADIUS: 0.049
MAX RADIUS: 1.521
MEAN RADIUS: 0.643
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.104	-0.661
2:	0.386	-0.386
3:	-1.612	0.215
4:	0.262	0.662
5:	0.138	0.569
6:	-0.269	0.708
7:	-0.683	0.444
8:	-0.059	0.084
9:	-0.324	0.489
10:	-0.146	0.283



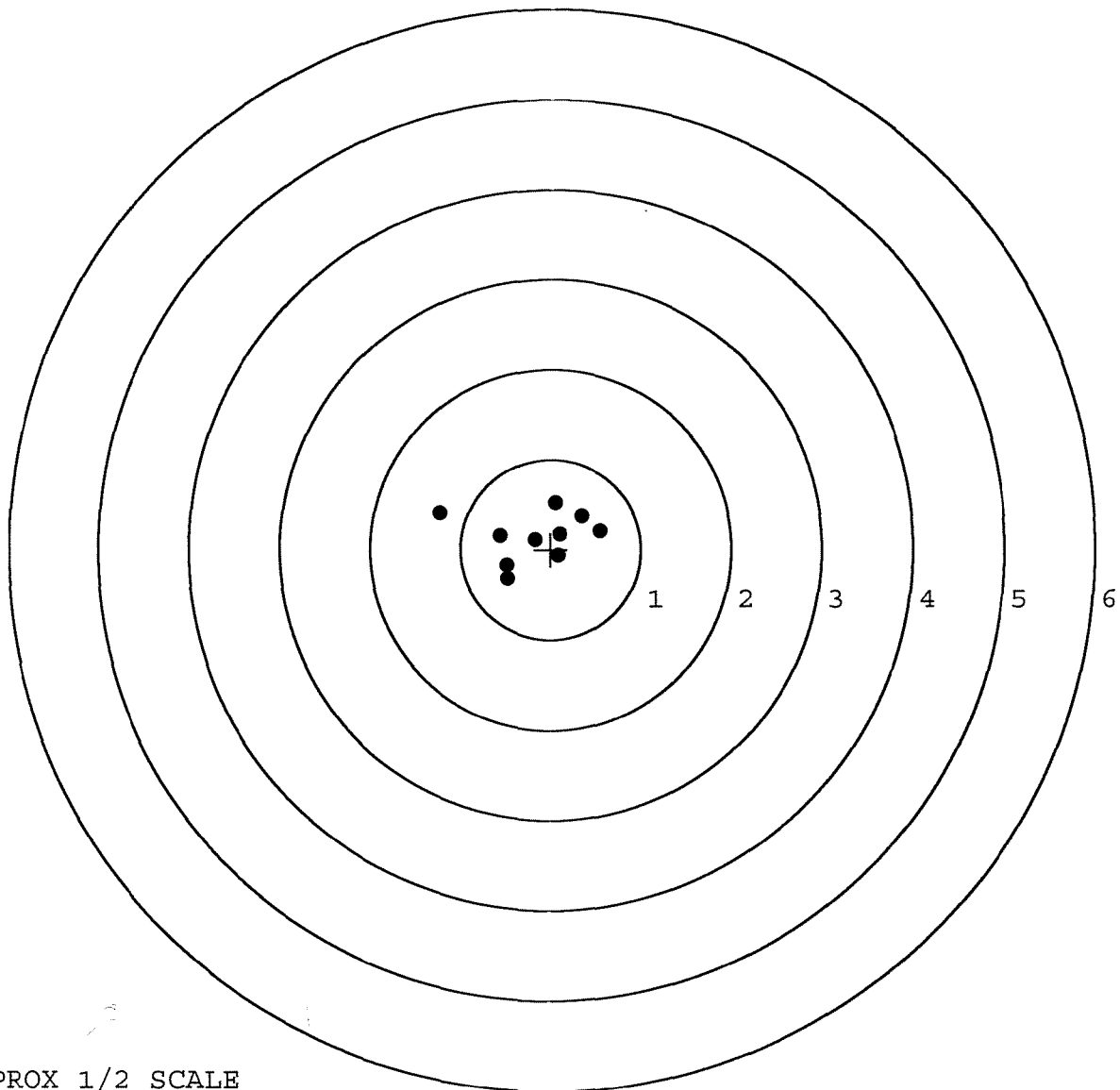
TARGET APPROX 1/2 SCALE

BARBER - M24 0085467

SERIAL NUMBER: G6577114. __0
TARGET NUMBER: 4
FILE DATE: 08/10/2006
FILE TIME: 18:38

X CENTROID: -0.180
Y CENTROID: 0.134
POA TO CENTROID: 0.225
HORZ SPREAD: 1.780
VERT SPREAD: 0.850
GROUP SPREAD: 1.790
MIN RADIUS: 0.025
MAX RADIUS: 1.082
MEAN RADIUS: 0.488
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.483	-0.332
2:	-0.493	-0.186
3:	-0.564	0.153
4:	-1.230	0.398
5:	0.550	0.210
6:	0.352	0.372
7:	0.053	0.518
8:	0.084	-0.073
9:	-0.178	0.109
10:	0.104	0.171



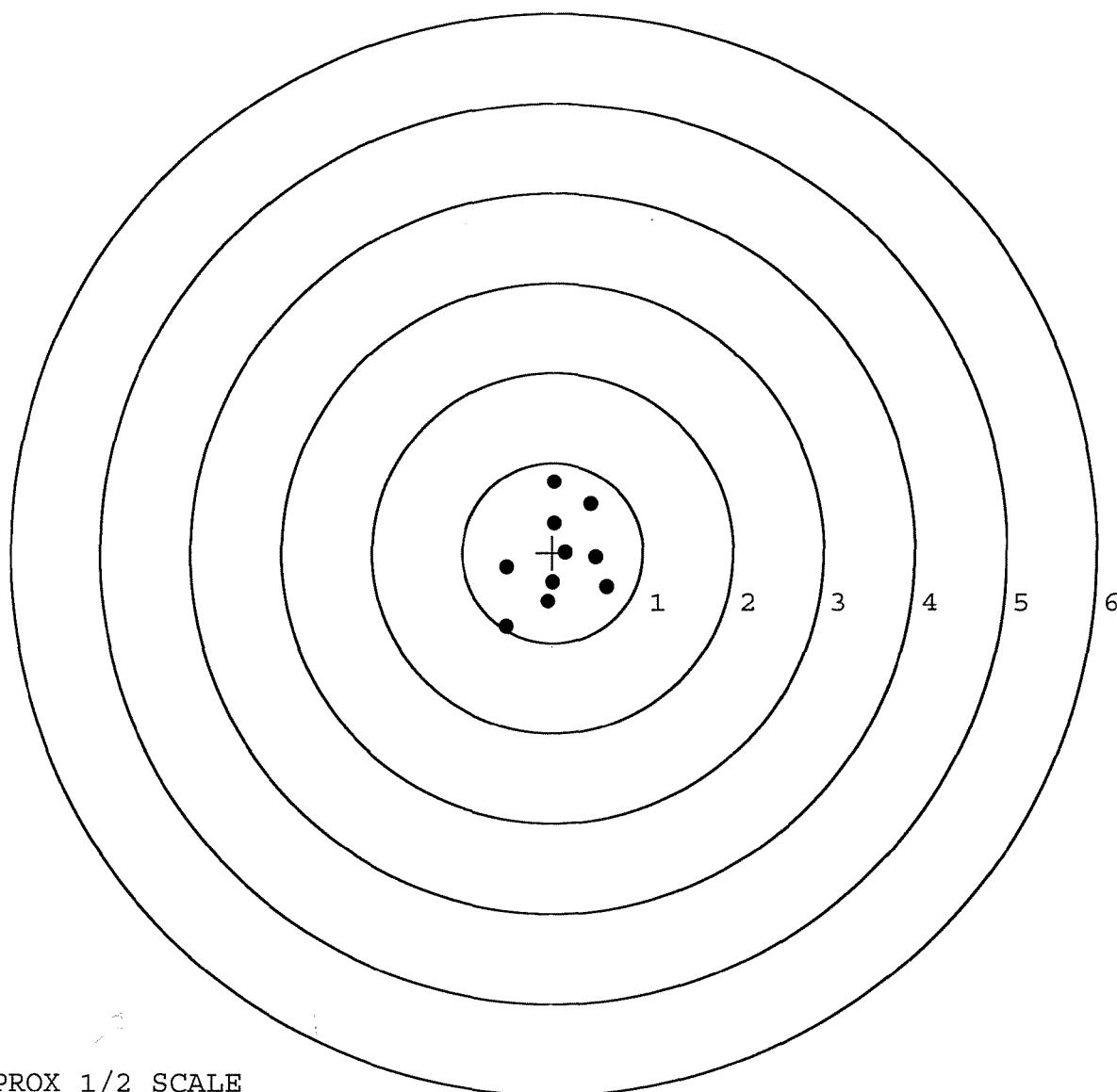
TARGET APPROX 1/2 SCALE

BARBER - M24 0085468

SERIAL NUMBER: G6577114. 0
TARGET NUMBER: 5
FILE DATE: 08/10/2006
FILE TIME: 18:38

X CENTROID: 0.060
Y CENTROID: -0.063
POA TO CENTROID: 0.088
HORZ SPREAD: 1.115
VERT SPREAD: 1.606
GROUP SPREAD: 1.691
MIN RADIUS: 0.102
MAX RADIUS: 0.952
MEAN RADIUS: 0.538
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.015	0.784
2:	0.426	0.543
3:	0.016	0.322
4:	0.141	-0.001
5:	-0.509	-0.161
6:	0.480	-0.051
7:	0.601	-0.377
8:	0.005	-0.327
9:	-0.057	-0.544
10:	-0.514	-0.822



TARGET APPROX 1/2 SCALE