

BARBER - M24 0149368

G6410260

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

BARBER - M24 0149368 M2400149407

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

- INSTRUCTION BOOK 3518

DD FORM

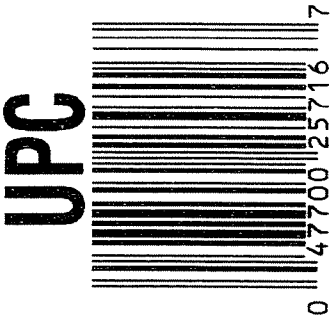


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6410260

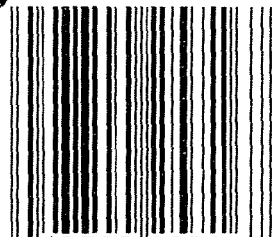


BARBER - M24 0149370

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC

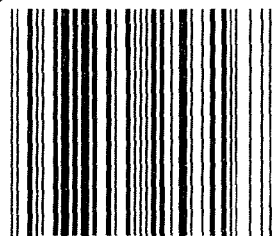


0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

SERIAL NO.



66410260

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0149370 M2400149409

25716

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



.MA25716

Shop Order: SWS10-15-5



.ABSWS10-15-5

Start Date: 9/20/2004

Finish Date: 10/15/2004

0540

01PC001

Flat Black Powder Coat, Barrel and



0003512703

0560

89SWS1

Reassemble Action.



0003512704

0690

89SWS1

Pack Rifle



0003512697

0700

89SWS1

Stencil SWS Container



.OP0700

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410260

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8-24-04	RTL
600	PROOF		8-24-04	RTL
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-24-04	RTL
610	DIS-ASSEMBLE GUN		8-24-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR		
615	ROLLMARK CALIBER		8/25/04	B
617	DRILL AND TAP SIGHT HOLES		8-24-04	TRL
620	APPLY COATINGS (BARREL ACTION)		9/7	HT
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-22-04	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-22-04	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-22-04	RTL
	D) OIL FIRING PIN ASSEMBLY		10-5-04	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME		READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>6.0</u> <u>6.0</u>	10-9-04	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.0</u> <u>2.5</u>	10-9-04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	10-9-04	DA
	J) ASSEMBLE STOCK			10-5-04	RTZ
	K) ASSEMBLE SWIVEL STUDS			10-12-04	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			10-5-04	RTZ
	M) IRON SIGHT ALIGNMENT			10-5-04	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			10-5-04	RTZ
640	GALLERY TEST AND TARGET		<u>PASS</u> FAIL	10-8-04	TRW
	MALFUNCTION		CORRECTION	NA	TRW
	MALFUNCTION		CORRECTION	NA	TRW
	MALFUNCTION		CORRECTION	NA	TRW
	MALFUNCTION		CORRECTION	NA	TRW
645	INSPECT FOR LIVE AMMO			10-8-04	TRW
655	FINAL INSPECTION A) HEADSPACE			10-12-04	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.85</u> <u>2.84</u> <u>2.74</u> <u>2.79</u> <u>2.88</u>	10-9-04	DA
	C) FUNCTION			10-12-04	RTZ
660	PACK			10-13-04	DA

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
 2.50 LBS (plus or minus 0.34 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 10-4-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.29	2.14		2.08	
PULL #2	2.35	2.10		2.16	
PULL #3	2.38	2.14		2.15	
PULL #4	2.47	2.14		2.15	
PULL #5	2.47	2.14		2.04	
TOTAL	11.96	10.66		10.58	
AVERAGE	2.39	2.13		2.11	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.04		
PULL #2	3.12	3.04		
PULL #3	3.27	3.06		
PULL #4	3.15	3.12		
PULL #5	3.19	3.16		
TOTAL	15.90	15.42		
AVERAGE	3.18	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	4.37	4.06		4.03
PULL #2	4.35	4.23		4.24
PULL #3	4.37	4.03		3.99
PULL #4	4.17	4.00		3.95
PULL #5	4.19	4.05		3.91
TOTAL	21.45	20.37		20.12
AVERAGE	4.29	4.07		4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410260.___0
FILE DATE AND TIME: 10/08/2004 08:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

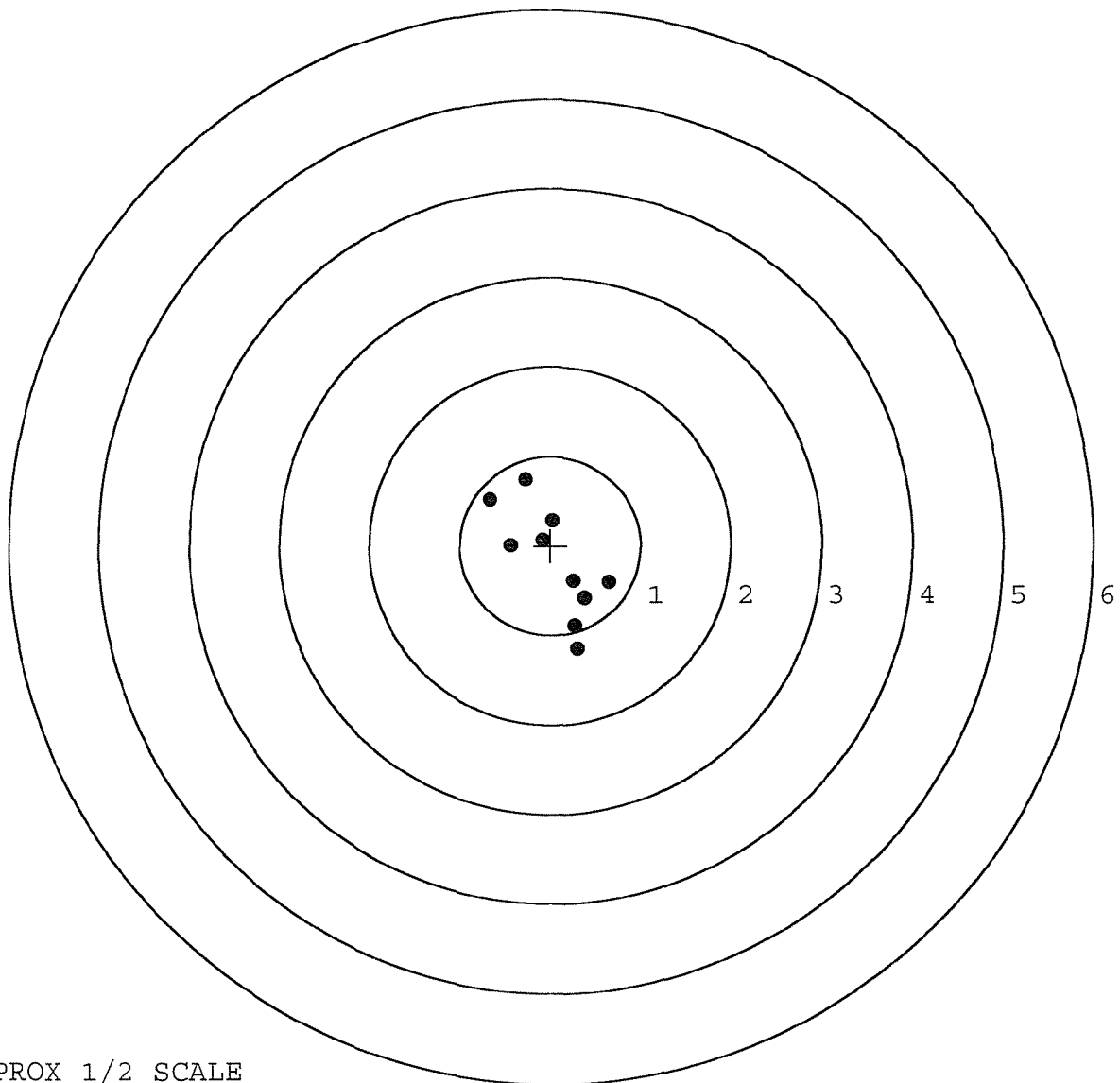
The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	-0.164
The Average Point of Impact of the Five Target Set:	0.165
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.187
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.351
The Distance from Centroid Target #4 to Centroid Target #1:	0.213
The Distance from Centroid Target #5 to Centroid Target #1:	0.074

BARBER - M24 0149376

SERIAL NUMBER: G6410260. __0
TARGET NUMBER: 1
FILE DATE: 10/08/2004
FILE TIME: 08:08

POINT#	X	Y
1:	0.653	-0.407
2:	0.257	-0.394
3:	0.376	-0.587
4:	0.268	-0.900
5:	0.297	-1.157
6:	0.026	0.284
7:	-0.088	0.065
8:	-0.446	0.003
9:	-0.670	0.519
10:	-0.275	0.742

X CENTROID: 0.040
Y CENTROID: -0.183
POA TO CENTROID: 0.187
HORZ SPREAD: 1.323
VERT SPREAD: 1.899
GROUP SPREAD: 1.983
MIN RADIUS: 0.279
MAX RADIUS: 1.007
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



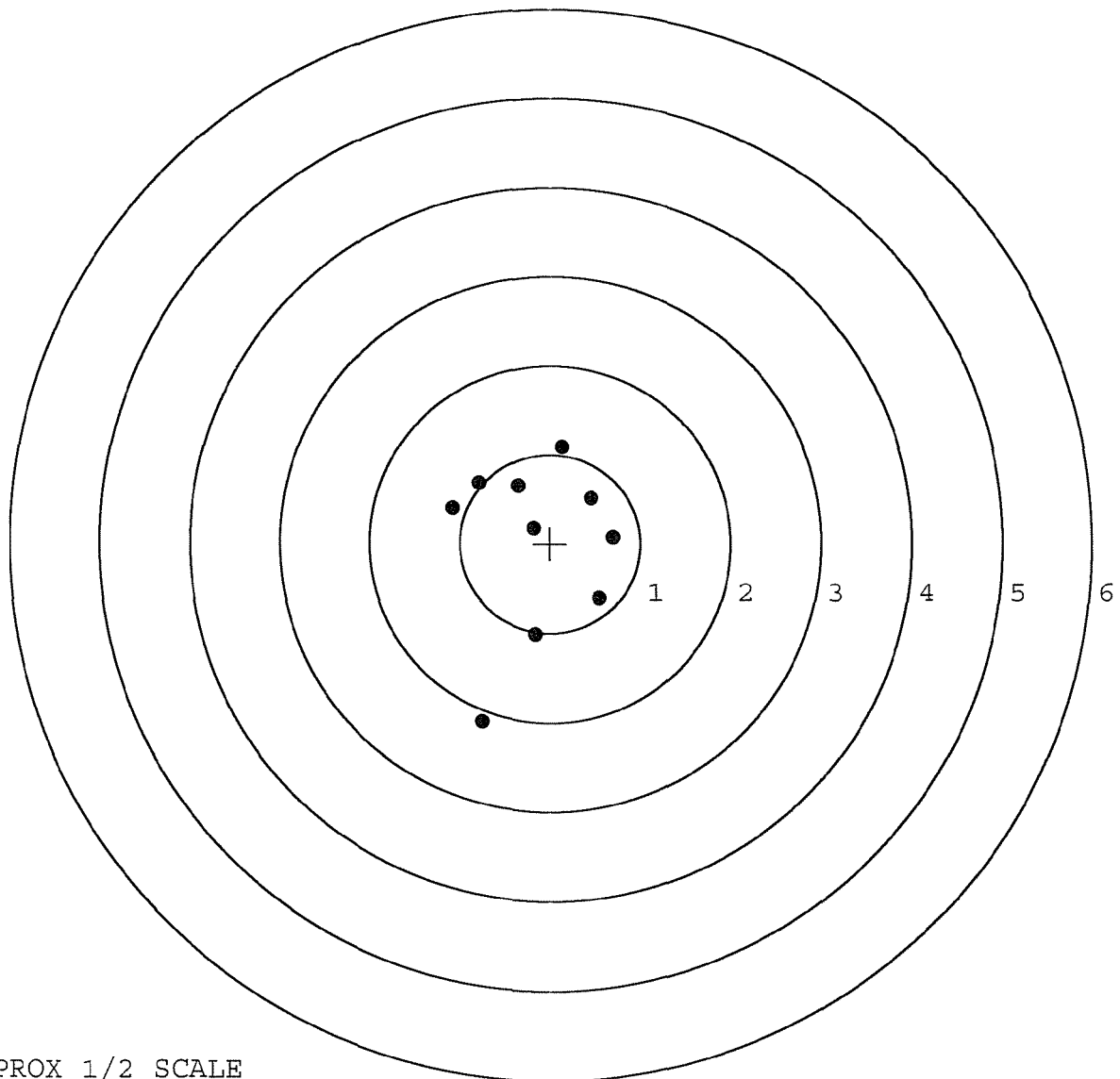
TARGET APPROX 1/2 SCALE

BARBER - M24 0149377

SERIAL NUMBER: G6410260.____0
TARGET NUMBER: 2
FILE DATE: 10/08/2004
FILE TIME: 08:08

POINT#	X	Y
1:	0.543	-0.615
2:	-0.164	-1.024
3:	-0.756	-1.994
4:	0.700	0.073
5:	0.460	0.513
6:	0.138	1.081
7:	-0.181	0.171
8:	-0.359	0.652
9:	-0.789	0.676
10:	-1.081	0.399

X CENTROID: -0.149
Y CENTROID: -0.007
POA TO CENTROID: 0.149
HORZ SPREAD: 1.781
VERT SPREAD: 3.075
GROUP SPREAD: 3.202
MIN RADIUS: 0.181
MAX RADIUS: 2.078
MEAN RADIUS: 0.962
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



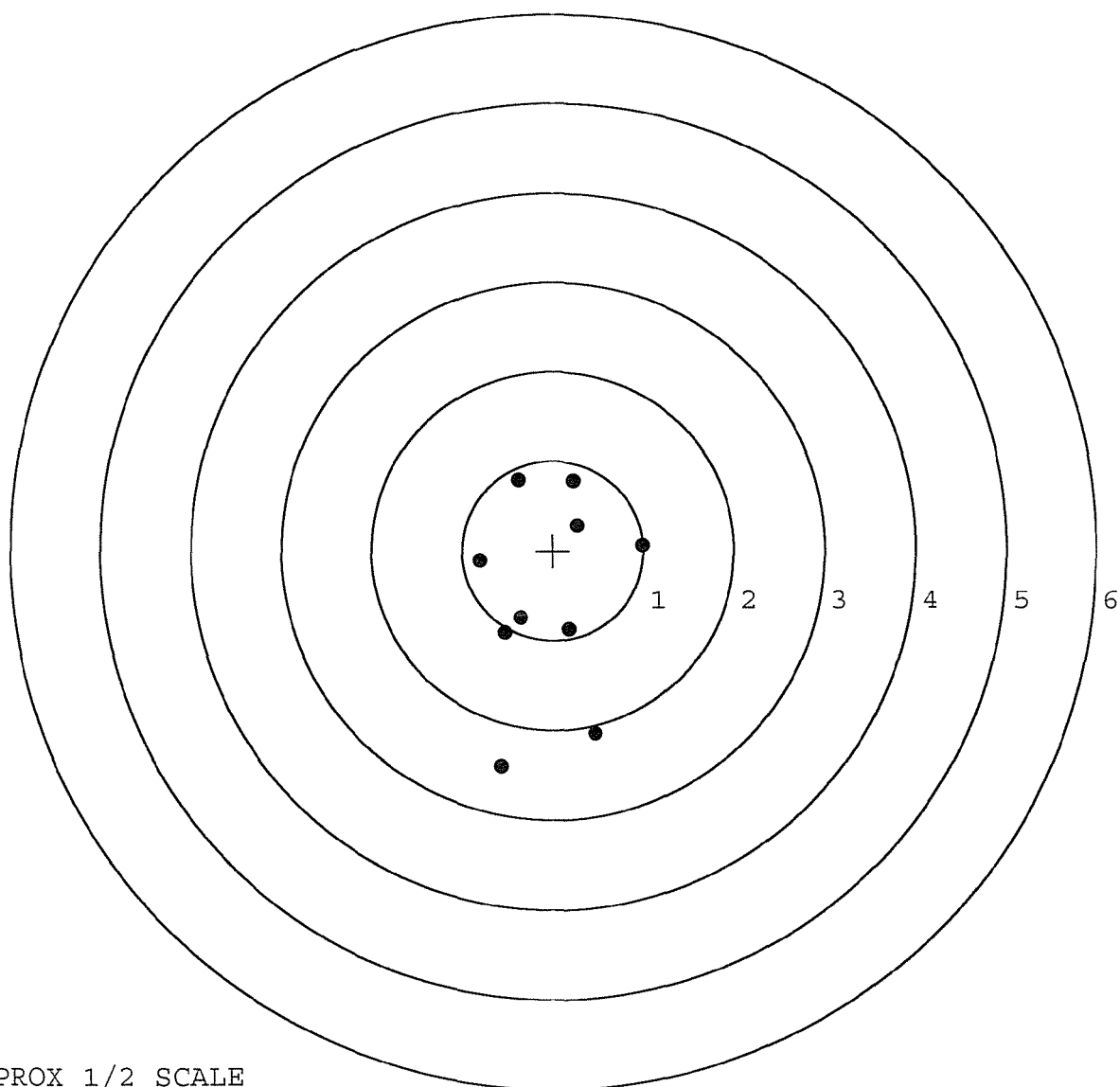
TARGET APPROX 1/2 SCALE

BARBER - M24 0149378

SERIAL NUMBER: G6410260. __ 0
TARGET NUMBER: 3
FILE DATE: 10/08/2004
FILE TIME: 08:08

POINT#	X	Y
1:	0.467	-2.041
2:	-0.566	-2.419
3:	0.184	-0.886
4:	-0.531	-0.920
5:	-0.803	-0.115
6:	0.990	0.064
7:	0.273	0.284
8:	0.229	0.777
9:	-0.385	0.786
10:	-0.359	-0.758

X CENTROID: -0.050
Y CENTROID: -0.523
POA TO CENTROID: 0.525
HORZ SPREAD: 1.793
VERT SPREAD: 3.205
GROUP SPREAD: 3.293
MIN RADIUS: 0.388
MAX RADIUS: 1.965
MEAN RADIUS: 1.061
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8



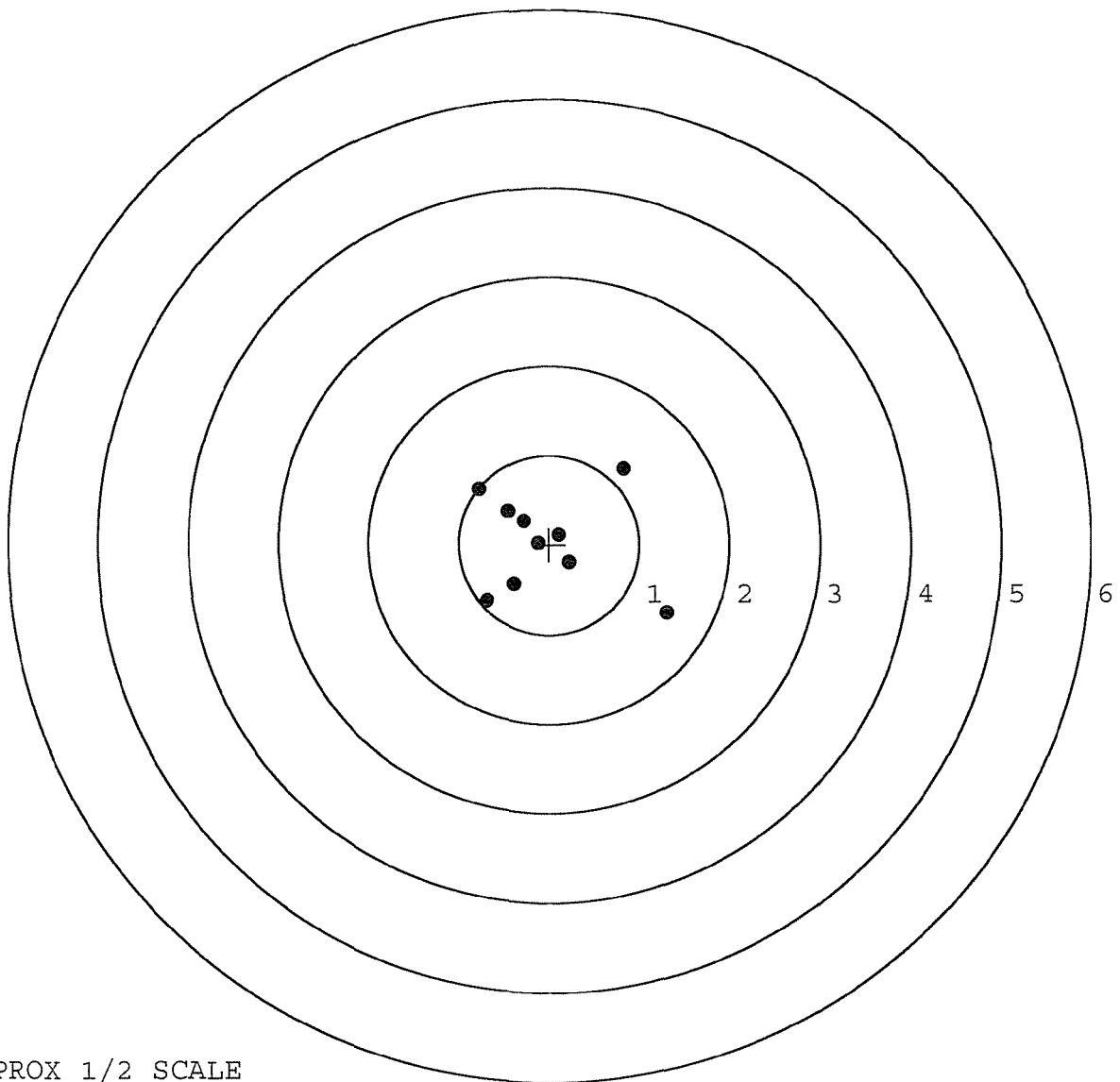
TARGET APPROX 1/2 SCALE

BARBER - M24 0149379

SERIAL NUMBER: G6410260.____0
TARGET NUMBER: 4
FILE DATE: 10/08/2004
FILE TIME: 08:08

POINT#	X	Y
1:	1.312	-0.758
2:	0.829	0.848
3:	-0.688	-0.631
4:	-0.394	-0.440
5:	-0.777	0.618
6:	-0.458	0.370
7:	-0.285	0.265
8:	0.111	0.111
9:	0.222	-0.203
10:	-0.121	0.014

X CENTROID: -0.025
Y CENTROID: 0.019
POA TO CENTROID: 0.032
HORZ SPREAD: 2.089
VERT SPREAD: 1.606
GROUP SPREAD: 2.501
MIN RADIUS: 0.096
MAX RADIUS: 1.546
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



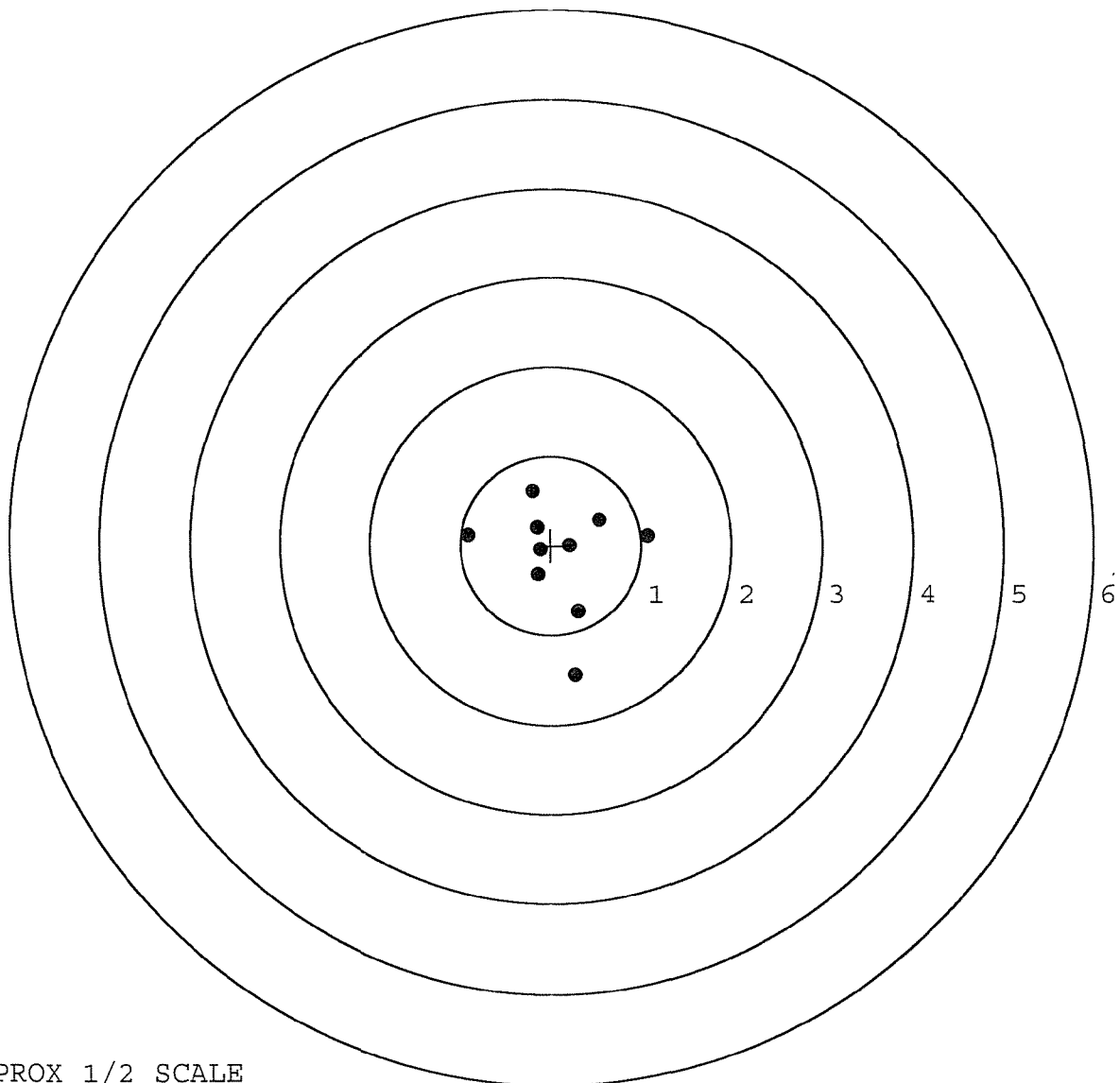
TARGET APPROX 1/2 SCALE

BARBER - M24 0149380

SERIAL NUMBER: G6410260.____0
TARGET NUMBER: 5
FILE DATE: 10/08/2004
FILE TIME: 08:08

POINT#	X	Y
1:	0.269	-1.450
2:	0.306	-0.744
3:	1.071	0.107
4:	0.535	0.289
5:	0.211	-0.005
6:	-0.202	0.611
7:	-0.919	0.119
8:	-0.149	0.201
9:	-0.120	-0.053
10:	-0.144	-0.327

X CENTROID: 0.086
Y CENTROID: -0.125
POA TO CENTROID: 0.152
HORZ SPREAD: 1.990
VERT SPREAD: 2.061
GROUP SPREAD: 2.114
MIN RADIUS: 0.174
MAX RADIUS: 1.337
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE