

BARBER - M24 0143209

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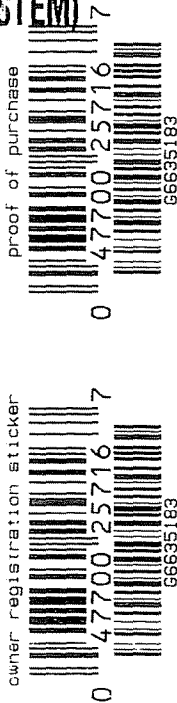
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0143209 M2400143248

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

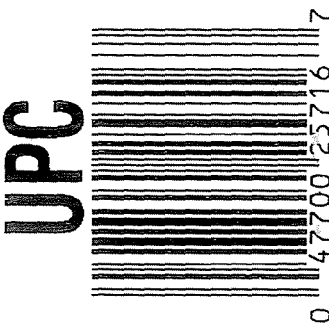
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635183



BARBER - M24 0143211

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.



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143211 43250

GUN SERIAL # 66635183

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		3-12-07	APD
430	ASSEMBLE TO STOCK		3-14-07	TRW
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE	INSPECTED	3-14-07	FM
470	DIS-ASSEMBLE ACTION	MAR 16 2007	3-15-07	RT
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	3/16/07	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-16-07	CW
510	DRILL AND TAP SIGHT HOLES		3-16-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	UB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-29-07	WT
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/2/07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/2/07	APD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/2/07	APD
	D) OIL FIRING PIN ASSEMBLY		4/2/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	un

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0143213 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.25</u> <u>7.75</u> <u>7.25</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.25</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.025</u> <u>.025</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		4/2/07	PPA
	K) ASSEMBLE SWIVEL STUDS		4/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/10/07	non
	M) IRON SIGHT ALIGNMENT		4/10/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/10/07	non
640 & 650	FUNCTION TEST AND TARGET	PASS PASS FAIL FAIL	4-3-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4/3/07	W.R
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.25</u> <u>2.25</u> <u>2.58</u> <u>2.60</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4/12/07	RA

F004 REV 5/2006

BARBER - M24 0143214

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	2.66	2.26		2.67	
PULL #2	2.54	2.34		2.75	
PULL #3	2.62	2.34		2.71	
PULL #4	2.68	2.47		2.67	
PULL #5	2.39	2.58		2.68	
TOTAL	12.89	11.99		13.48	
AVERAGE	2.57	2.39		2.69	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.26		
PULL #2	3.30	3.41		
PULL #3	3.35	3.25		
PULL #4	3.29	3.36		
PULL #5	3.29	3.33		
TOTAL	16.54	16.61		
AVERAGE	3.30	3.32		

	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	4.22		4.36
PULL #2	4.25	4.29		4.12
PULL #3	4.31	4.18		4.04
PULL #4	4.28	4.10		4.16
PULL #5	4.27	4.15		4.14
TOTAL	21.48	20.94		20.82
AVERAGE	4.29	4.18		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635183.___0
FILE DATE AND TIME: 04/03/2007 15:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	-0.134
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	0.618
The Distance from POA to Centroid Target #1:	0.069
The Distance from Centroid Target #2 to Centroid Target #1:	0.103
The Distance from Centroid Target #3 to Centroid Target #1:	0.349
The Distance from Centroid Target #4 to Centroid Target #1:	0.185
The Distance from Centroid Target #5 to Centroid Target #1:	0.233

BARBER - M24 0143216

SERIAL NUMBER: G6635183. __0

TARGET NUMBER: 1

FILE DATE: 04/03/2007

FILE TIME: 15:10

X CENTROID: 0.066

Y CENTROID: 0.017

POA TO CENTROID: 0.069

HORZ SPREAD: 1.456

VERT SPREAD: 1.709

GROUP SPREAD: 1.739

MIN RADIUS: 0.223

MAX RADIUS: 1.131

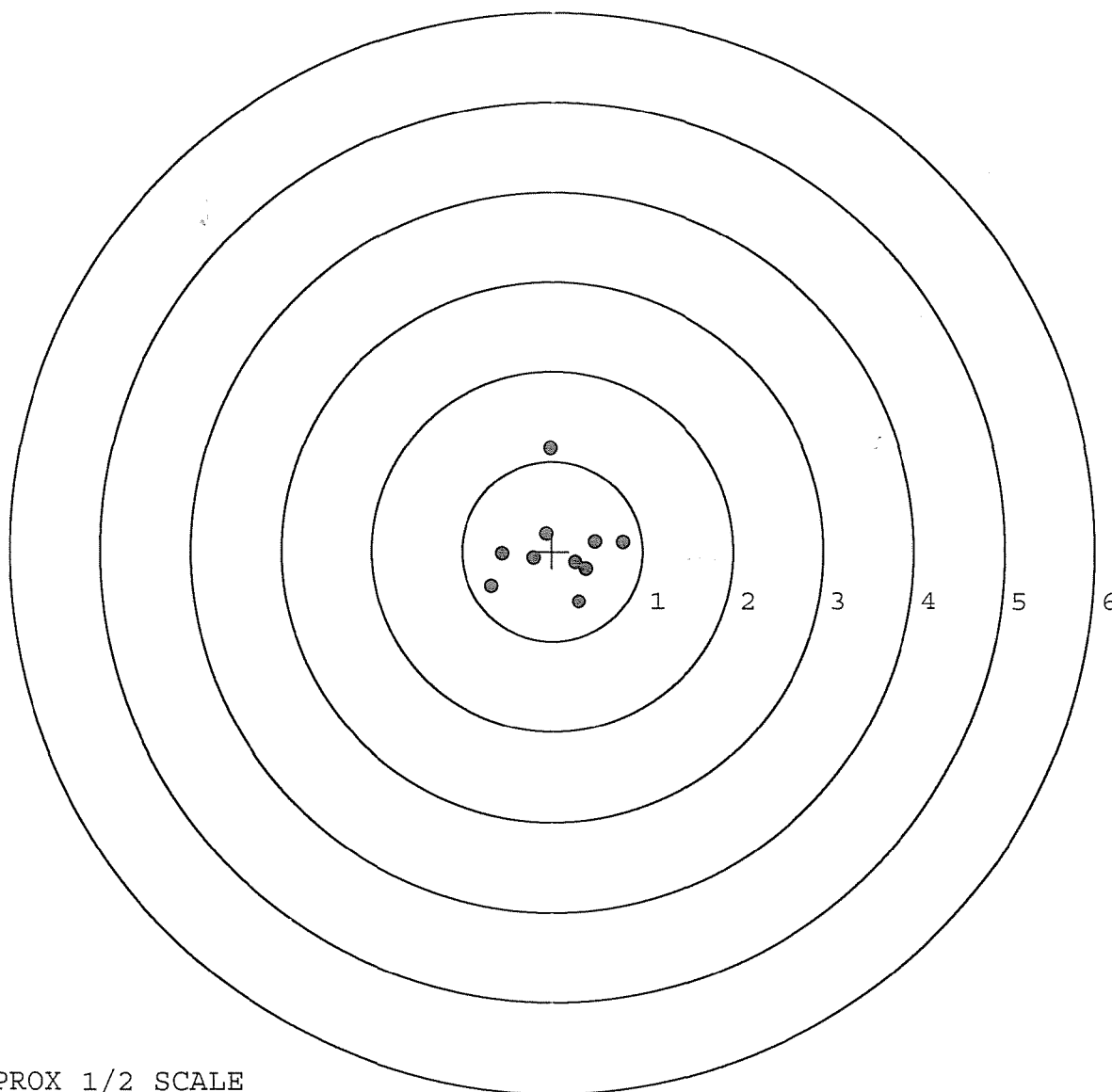
MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.020	1.145
2:	0.782	0.103
3:	0.300	-0.564
4:	0.257	-0.121
5:	-0.069	0.194
6:	-0.210	-0.078
7:	-0.558	-0.031
8:	-0.674	-0.393
9:	0.380	-0.195
10:	0.477	0.112



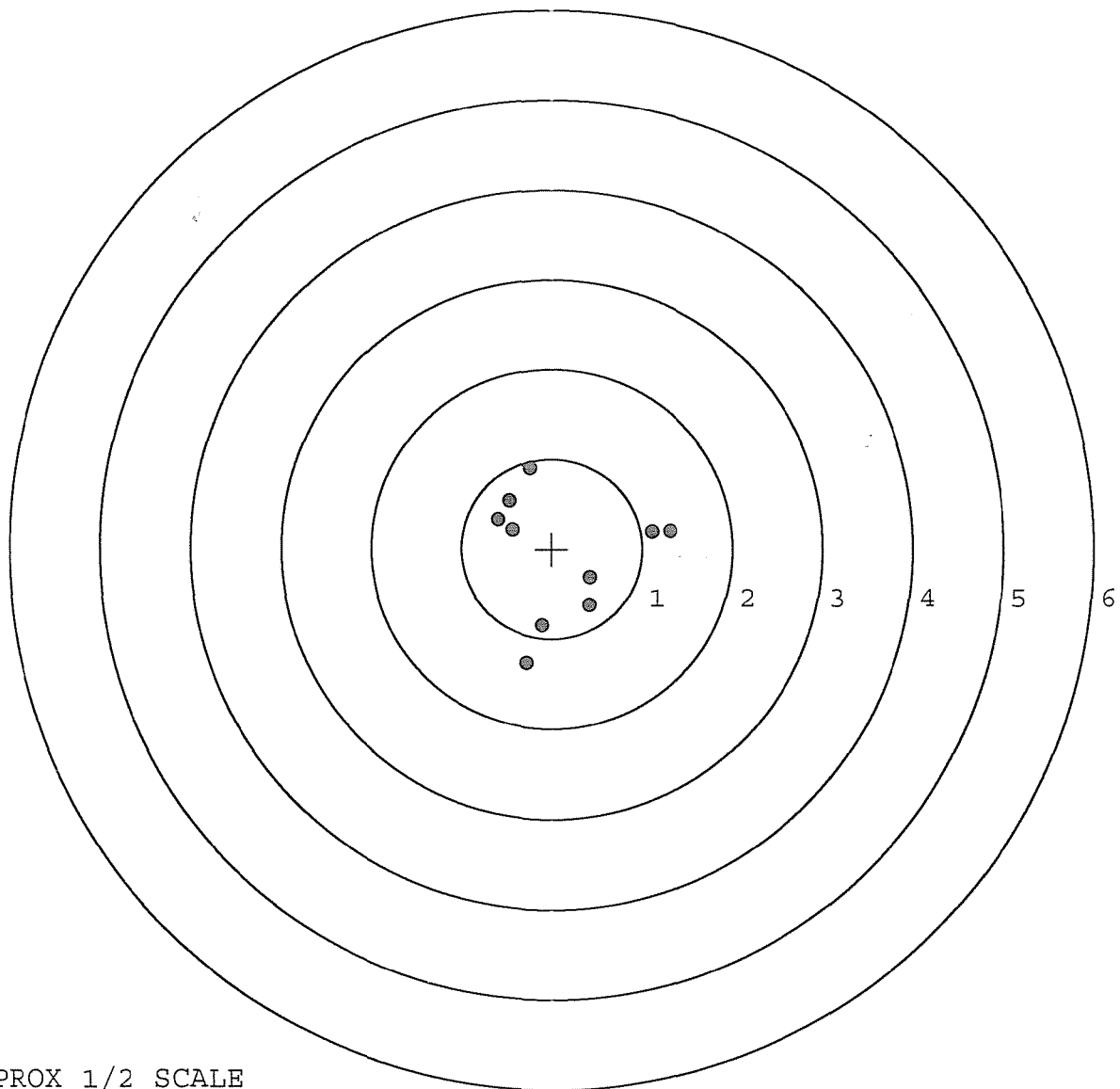
TARGET APPROX 1/2 SCALE

BARBER - M24 0143217

SERIAL NUMBER: G6635183. 0
TARGET NUMBER: 2
FILE DATE: 04/03/2007
FILE TIME: 15:10

X CENTROID: 0.114
Y CENTROID: -0.074
POA TO CENTROID: 0.136
HORZ SPREAD: 1.907
VERT SPREAD: 2.170
GROUP SPREAD: 2.170
MIN RADIUS: 0.396
MAX RADIUS: 1.264
MEAN RADIUS: 0.868
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.313	0.197
2:	1.111	0.187
3:	-0.241	0.896
4:	0.424	-0.320
5:	0.422	-0.632
6:	-0.107	-0.858
7:	-0.282	-1.274
8:	-0.437	0.213
9:	-0.594	0.321
10:	-0.467	0.532



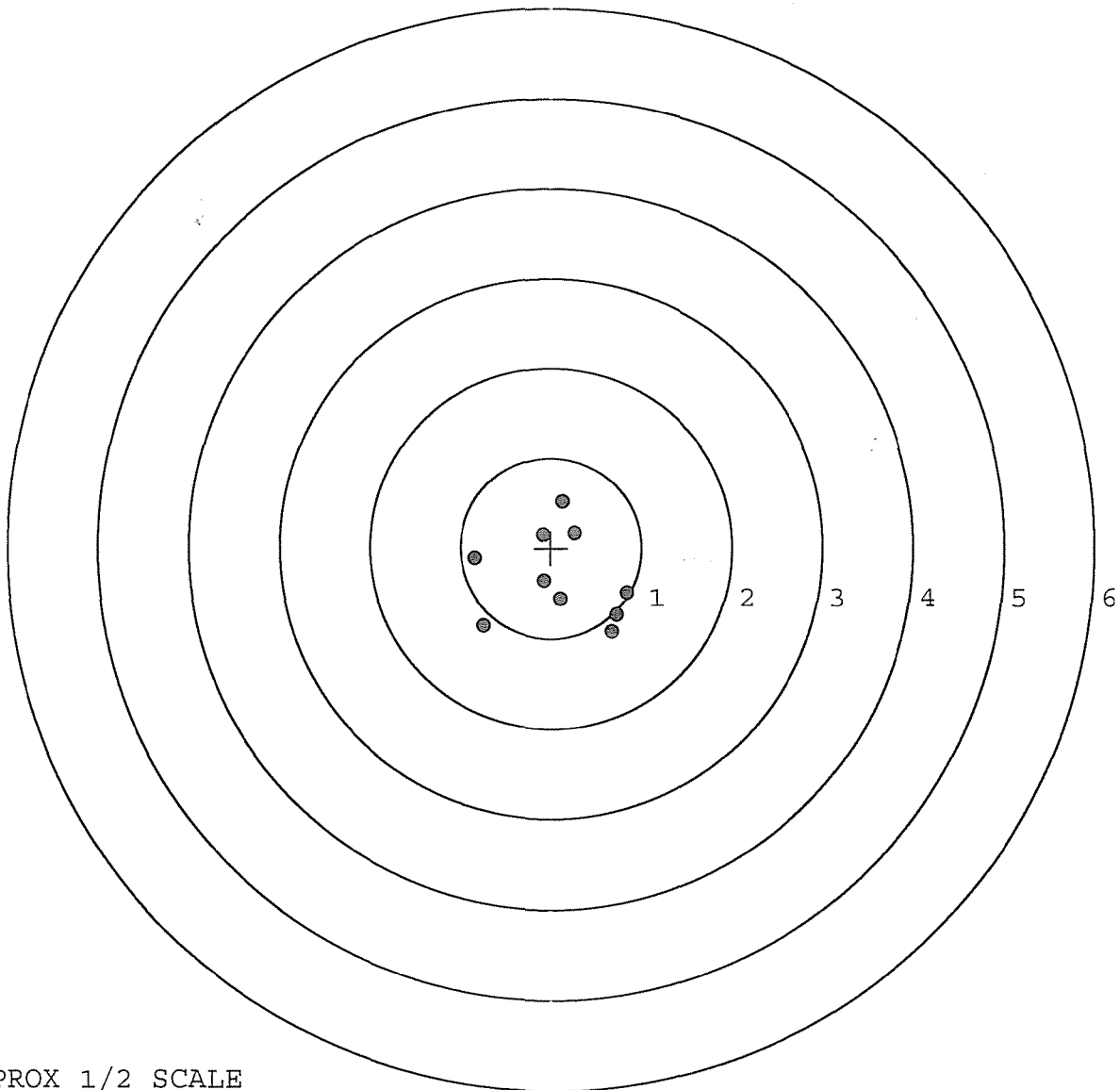
TARGET APPROX 1/2 SCALE

BARBER - M24 0143218

SERIAL NUMBER: G6635183.____0
TARGET NUMBER: 3
FILE DATE: 04/03/2007
FILE TIME: 15:10

POINT#	X	Y
1:	0.677	-0.930
2:	0.730	-0.745
3:	0.837	-0.506
4:	0.101	-0.573
5:	-0.081	-0.369
6:	-0.744	-0.869
7:	-0.843	-0.126
8:	-0.091	0.142
9:	0.264	0.163
10:	0.131	0.508

X CENTROID: 0.098
Y CENTROID: -0.330
POA TO CENTROID: 0.345
HORZ SPREAD: 1.680
VERT SPREAD: 1.438
GROUP SPREAD: 1.631
MIN RADIUS: 0.183
MAX RADIUS: 1.000
MEAN RADIUS: 0.661
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



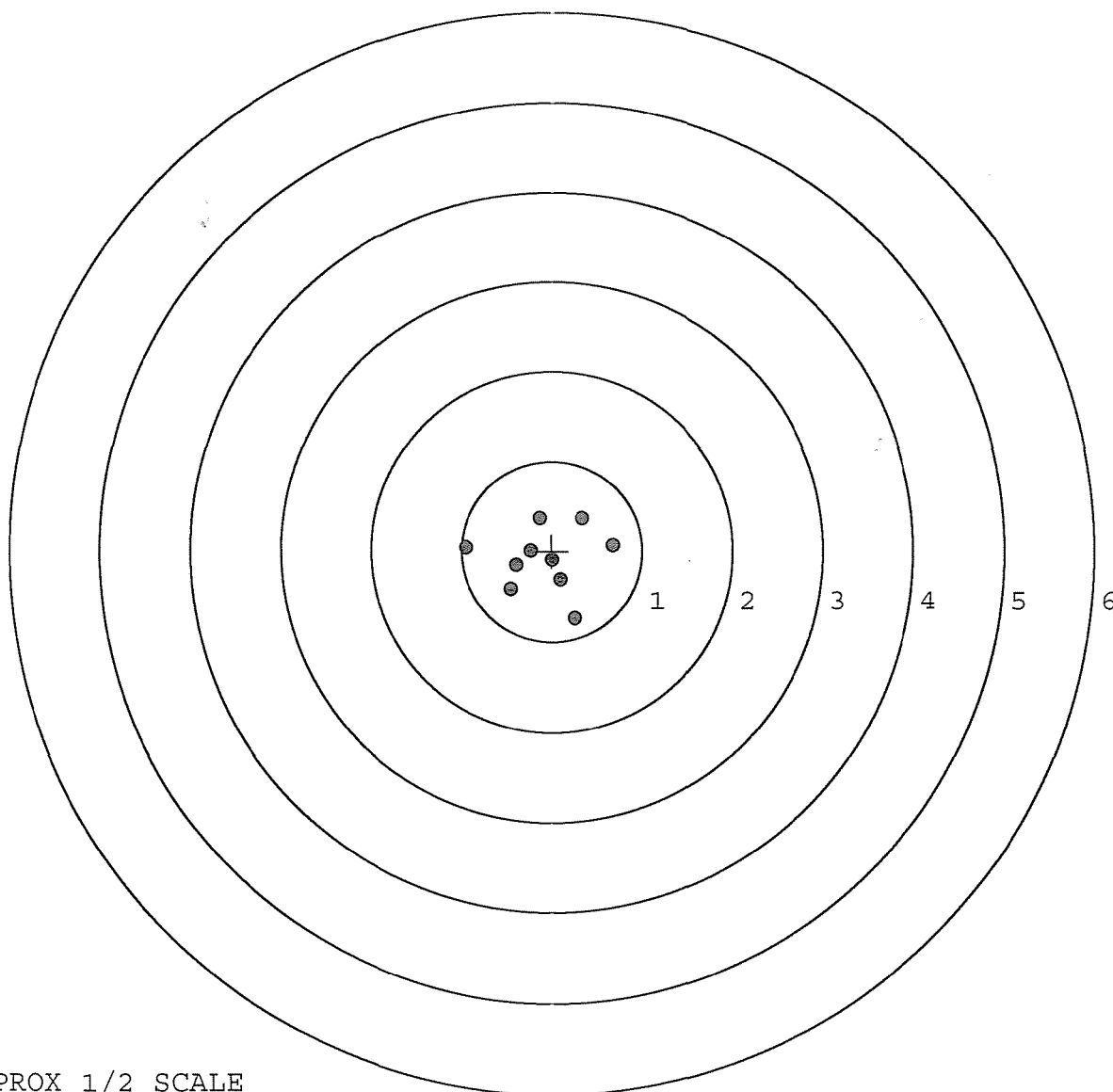
TARGET APPROX 1/2 SCALE

BARBER - M24 0143219

SERIAL NUMBER: G6635183. __0
TARGET NUMBER: 4
FILE DATE: 04/03/2007
FILE TIME: 15:10

X CENTROID: -0.081
Y CENTROID: -0.095
POA TO CENTROID: 0.124
HORZ SPREAD: 1.624
VERT SPREAD: 1.113
GROUP SPREAD: 1.624
MIN RADIUS: 0.080
MAX RADIUS: 0.876
MEAN RADIUS: 0.485
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.256	-0.751
2:	0.677	0.061
3:	0.336	0.362
4:	-0.137	0.362
5:	-0.396	-0.163
6:	-0.456	-0.431
7:	-0.947	0.035
8:	0.098	-0.323
9:	-0.001	-0.102
10:	-0.236	0.003



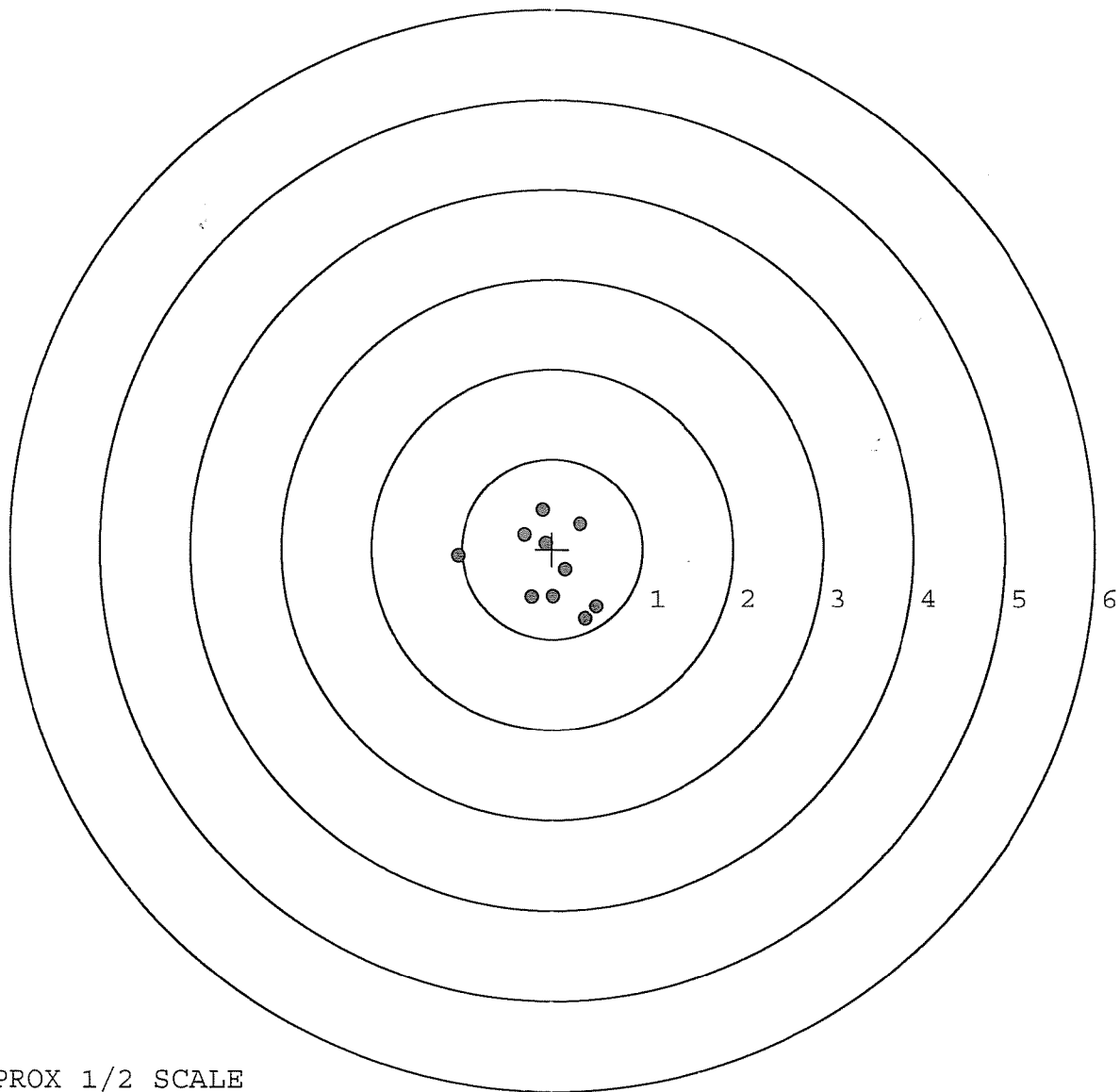
TARGET APPROX 1/2 SCALE

BARBER - M24 0143220

SERIAL NUMBER: G6635183.____0
TARGET NUMBER: 5
FILE DATE: 04/03/2007
FILE TIME: 15:10

POINT#	X	Y
1:	0.488	-0.643
2:	0.368	-0.774
3:	0.013	-0.533
4:	-0.228	-0.537
5:	0.145	-0.229
6:	0.307	0.277
7:	-0.113	0.427
8:	-0.074	0.065
9:	-0.313	0.159
10:	-1.046	-0.080

X CENTROID: -0.045
Y CENTROID: -0.187
POA TO CENTROID: 0.192
HORZ SPREAD: 1.534
VERT SPREAD: 1.201
GROUP SPREAD: 1.634
MIN RADIUS: 0.195
MAX RADIUS: 1.006
MEAN RADIUS: 0.526
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE