

BARBER - M24 0151346

G6414379

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



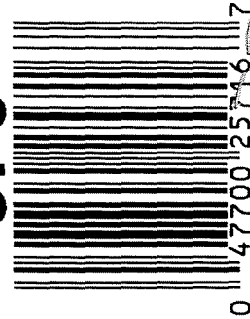
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6414379

UPC



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



66414379

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414379

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-9-04	RTL
600	PROOF		11-9-04	RTL
607	CHECK HEADSPACE	MAGNA - FLUX	11-9-04	RTL
610	DIS-ASSEMBLE GUN	INSPECTED	11-10-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	NOV 10 2004 OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11/11/04	BS
617	DRILL AND TAP SIGHT HOLES		11-10-04	TRW
620	APPLY COATINGS (BARREL ACTION)		11/13	HR
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-19-04	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-19-04	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-19-04	DA
	D) OIL FIRING PIN ASSEMBLY		12-1-04	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>7.9</u>	<u>6.5</u>	<u>6.5</u>	12/3/04	DA		
CONT.								
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u>	<u>2.5</u>	<u>2.5</u>	12/3/04	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY							
	I) FIRING PIN INDENT .020 MIN	<u>.024</u>	<u>.024</u>	<u>.023</u>	12/3/04	DA		
	J) ASSEMBLE STOCK				12-1-04	RTZ		
	K) ASSEMBLE SWIVEL STUDS				12-3-04	A		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				NA			
	M) IRON SIGHT ALIGNMENT							
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER							
	GALLERY TEST AND TARGET							
640		PASS FAIL			12-2-04	TRLW		
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION			NA			
	MALFUNCTION	CORRECTION						
645	INSPECT FOR LIVE AMMO				12-2-04	TRLW		
655	FINAL INSPECTION A) HEADSPACE				12-3-04	AC		
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.28</u>	<u>2.28</u>	<u>2.27</u>	<u>2.22</u>	<u>2.16</u>	12/3/04	DA
	C) FUNCTION				12-3-04	AC		
660	PACK				12/6/04	DA		

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

INITIAL & CYCLE TESTS
BARBER M24 0151351

2.50 LBS (plus or minus 0.50 LBS)

DATE 12-1-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.51	2.73		2.36	
PULL #2	2.52	2.73		2.40	
PULL #3	2.53	2.65		2.46	
PULL #4	2.67	2.62		2.44	
PULL #5	2.64	2.51		2.39	
TOTAL	12.87	13.24		12.05	
AVERAGE	2.57	2.64		2.41	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.16		
PULL #2	3.49	3.24		
PULL #3	3.50	3.17		
PULL #4	3.35	3.19		
PULL #5	3.35	3.18		
TOTAL	17.14	15.94		
AVERAGE	3.42	3.18		

	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	4.16	4.12		4.04
PULL #2	4.21	4.13		4.06
PULL #3	4.21	4.14		4.09
PULL #4	4.17	4.16		3.96
PULL #5	4.24	4.13		4.11
TOTAL	20.99	20.68		20.26
AVERAGE	4.19	4.13		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414379.___1

FILE DATE AND TIME: 10/07/2005 17:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.412
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.536
The Distance from Centroid Target #5 to Centroid Target #1:	0.583

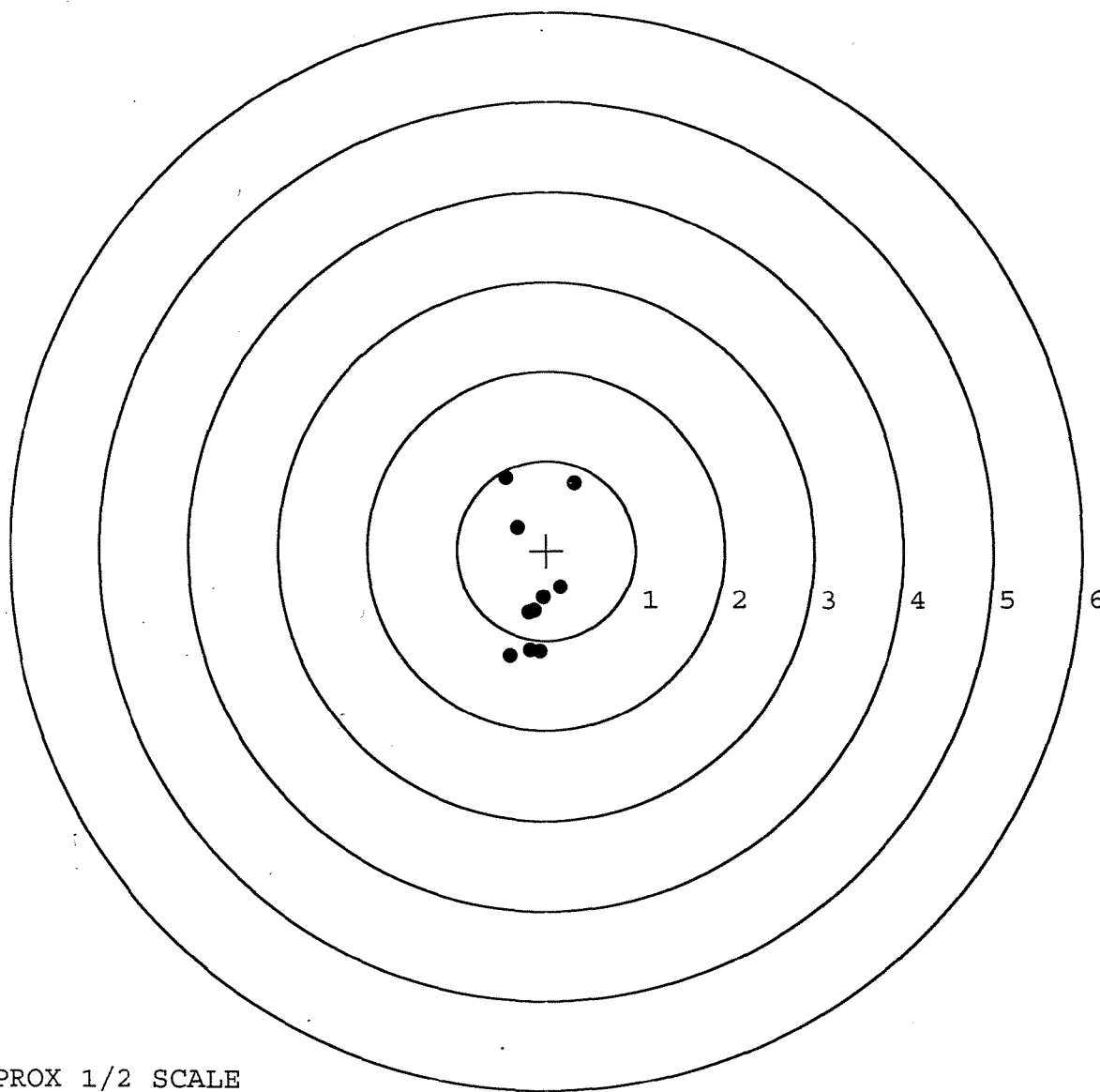
BARBER - M24 0151353

SERIAL NUMBER: G6414379. 1
TARGET NUMBER: 1
FILE DATE: 10/07/2005
FILE TIME: 17:15

X CENTROID: -0.134
Y CENTROID: -0.390
POA TO CENTROID: 0.412
HORZ SPREAD: 0.772
VERT SPREAD: 1.982
GROUP SPREAD: 1.983
MIN RADIUS: 0.168
MAX RADIUS: 1.238
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.458	0.805
2:	-0.323	0.257
3:	0.314	0.746
4:	0.164	-0.411
5:	-0.034	-0.526
6:	-0.196	-0.690
7:	-0.076	-1.124
8:	-0.184	-1.109
9:	-0.409	-1.177
10:	-0.135	-0.673



TARGET APPROX 1/2 SCALE

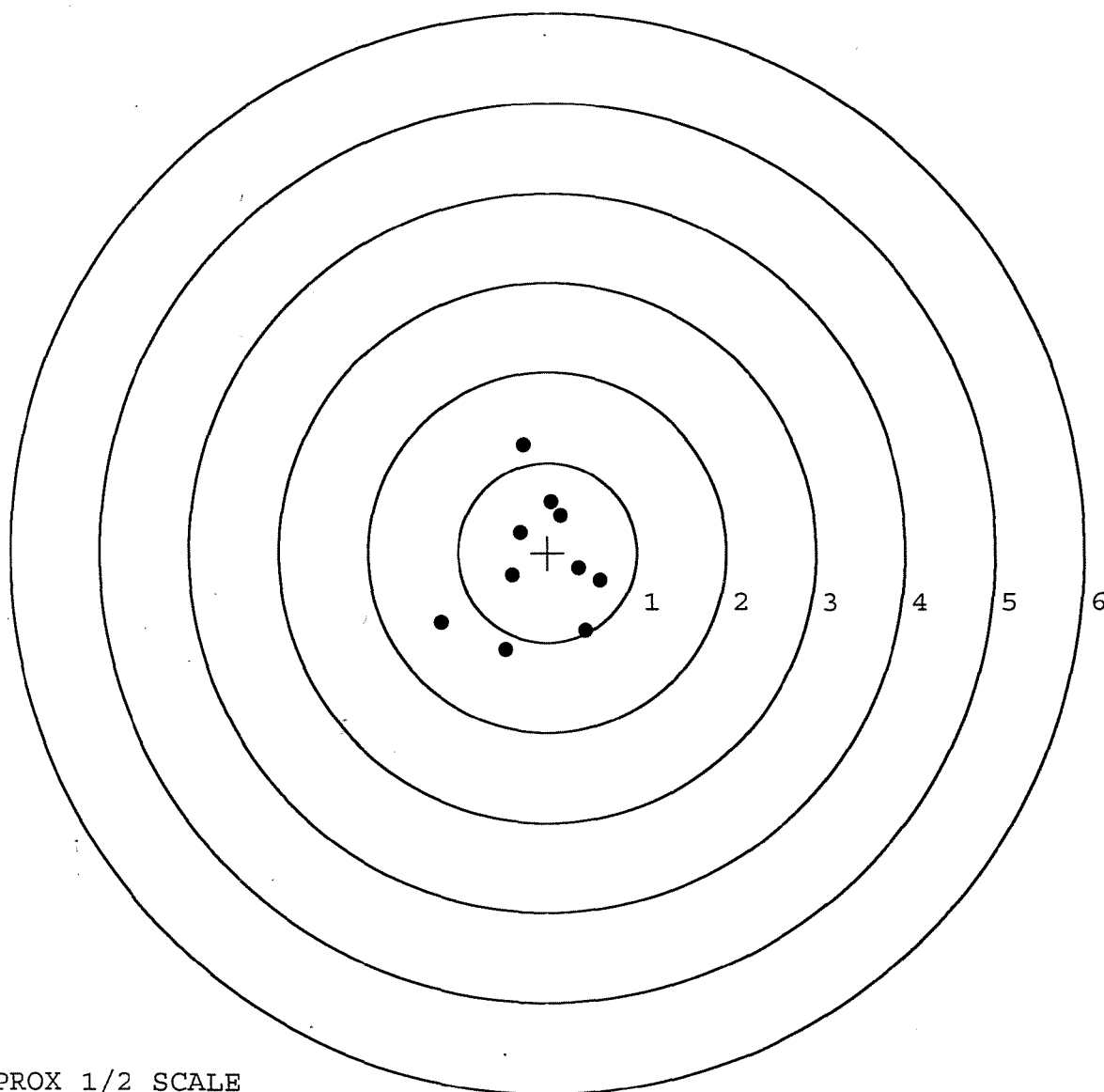
BARBER - M24 0151354

SERIAL NUMBER: G6414379. 1
TARGET NUMBER: 2
FILE DATE: 10/07/2005
FILE TIME: 17:15

X CENTROID: -0.109
Y CENTROID: -0.110
POA TO CENTROID: 0.155
HORZ SPREAD: 1.781
VERT SPREAD: 2.283
GROUP SPREAD: 2.292
MIN RADIUS: 0.326
MAX RADIUS: 1.314
MEAN RADIUS: 0.773

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.398	-0.260
2:	-0.306	0.223
3:	0.034	0.566
4:	0.147	0.408
5:	-0.270	1.194
6:	0.347	-0.174
7:	0.588	-0.308
8:	0.430	-0.875
9:	-0.470	-1.089
10:	-1.193	-0.782



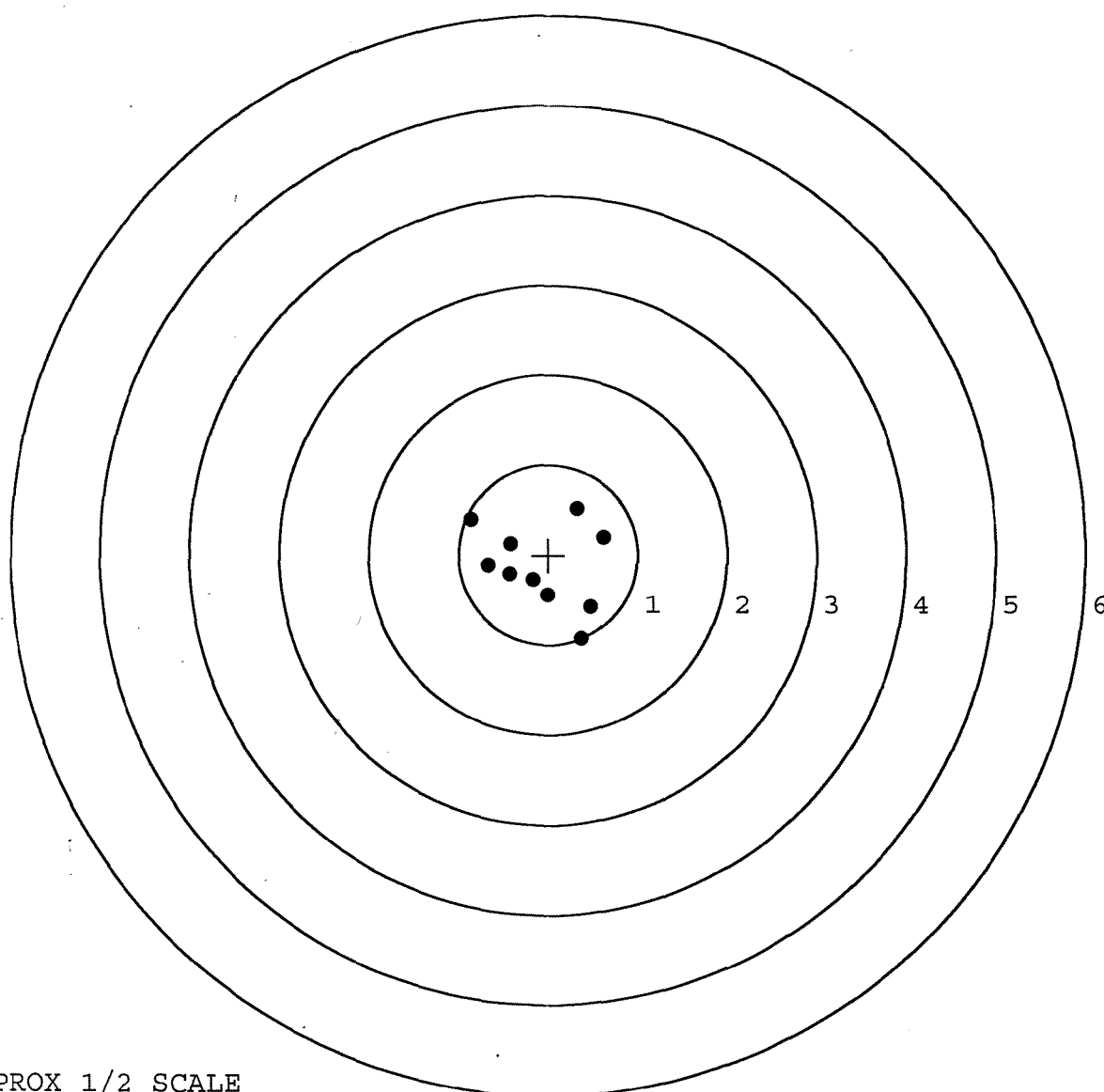
TARGET APPROX 1/2 SCALE

BARBER - M24 0151355

SERIAL NUMBER: G6414379. __1
TARGET NUMBER: 3
FILE DATE: 10/07/2005
FILE TIME: 17:15

POINT#	X	Y
1:	0.331	0.508
2:	0.623	0.199
3:	0.480	-0.582
4:	0.375	-0.935
5:	-0.007	-0.447
6:	-0.173	-0.283
7:	-0.431	-0.217
8:	-0.667	-0.119
9:	-0.425	0.121
10:	-0.866	0.390

X CENTROID: -0.076
Y CENTROID: -0.137
POA TO CENTROID: 0.156
HORZ SPREAD: 1.489
VERT SPREAD: 1.443
GROUP SPREAD: 1.815
MIN RADIUS: 0.176
MAX RADIUS: 0.949
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

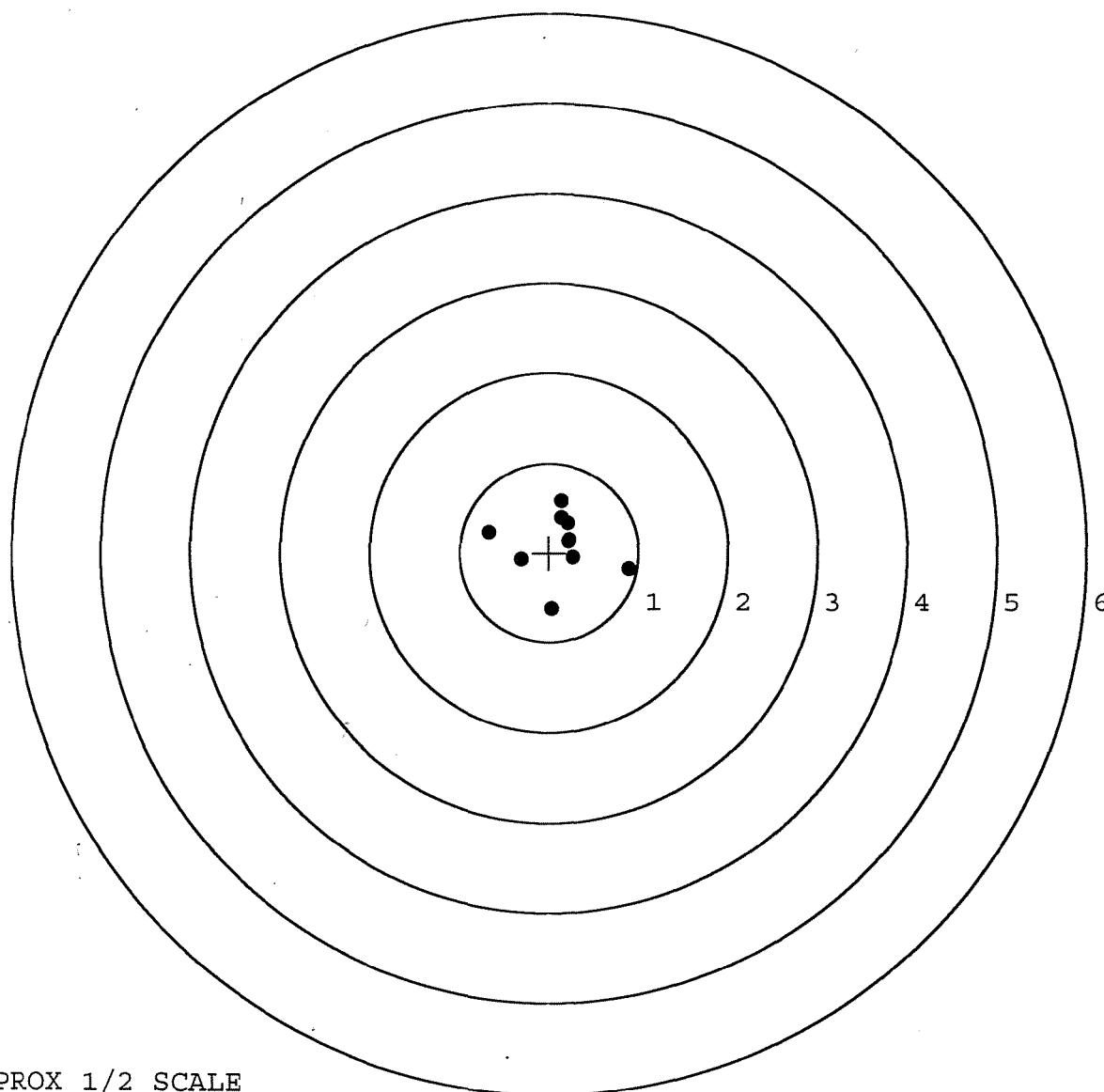
BARBER - M24 0151356

SERIAL NUMBER: G6414379. 1
TARGET NUMBER: 4
FILE DATE: 10/07/2005
FILE TIME: 17:15

X CENTROID: 0.114
Y CENTROID: 0.085
POA TO CENTROID: 0.142
HORZ SPREAD: 1.575
VERT SPREAD: 1.213
GROUP SPREAD: 1.629
MIN RADIUS: 0.110
MAX RADIUS: 0.829
MEAN RADIUS: 0.432

IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.139	0.576
2:	0.207	0.333
3:	0.269	-0.055
4:	0.225	0.140
5:	0.899	-0.183
6:	0.033	-0.637
7:	-0.309	-0.074
8:	-0.676	0.233
9:	0.140	0.390
10:	0.216	0.127



TARGET APPROX 1/2 SCALE

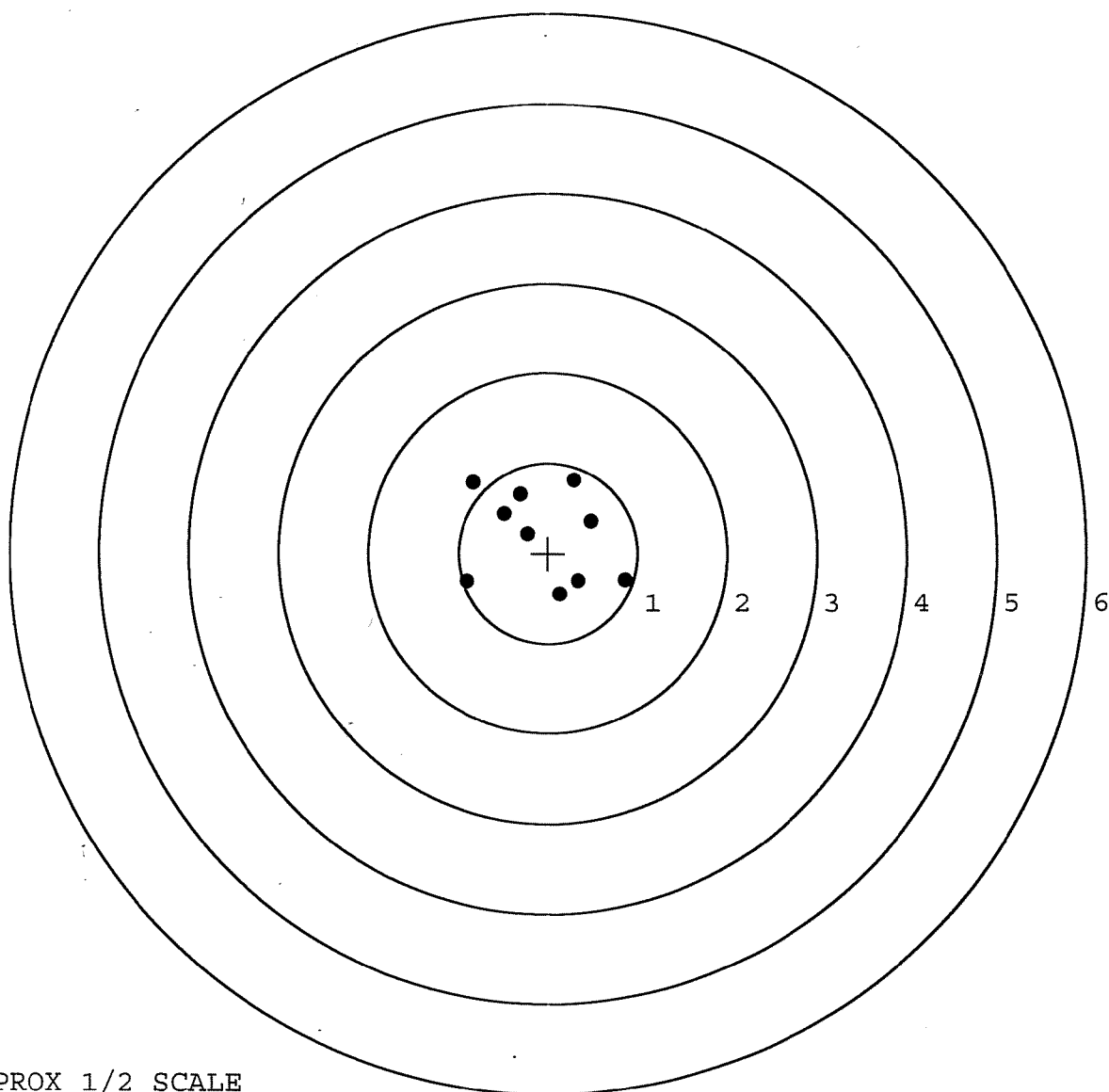
BARBER - M24 0151357

SERIAL NUMBER: G6414379. 1
 TARGET NUMBER: 5
 FILE DATE: 10/07/2005
 FILE TIME: 17:15

X CENTROID: -0.068
 Y CENTROID: 0.189
 POA TO CENTROID: 0.201
 HORZ SPREAD: 1.770
 VERT SPREAD: 1.270
 GROUP SPREAD: 2.022
 MIN RADIUS: 0.165
 MAX RADIUS: 1.052
 MEAN RADIUS: 0.681

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

POINT#	X	Y
1:	-0.231	0.215
2:	-0.491	0.444
3:	-0.309	0.657
4:	-0.838	0.792
5:	0.289	0.811
6:	0.485	0.355
7:	0.861	-0.305
8:	0.336	-0.309
9:	0.131	-0.459
10:	-0.909	-0.309



TARGET APPROX 1/2 SCALE