

BARBER - M24 0151839

G 6414409

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.



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



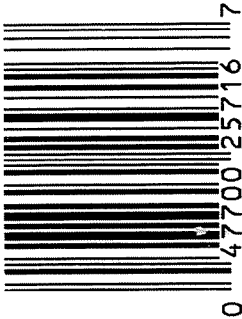
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6414409

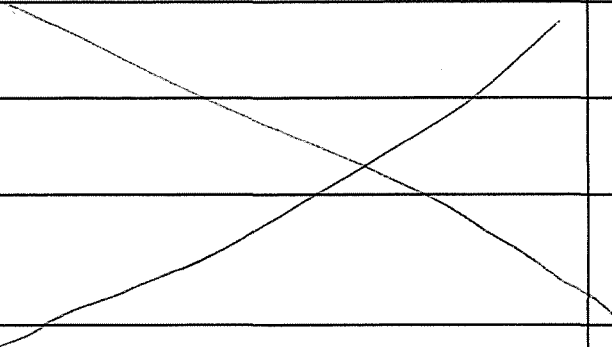
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INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6414409

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 INSPECTED	11-9-04	RTL
610	DIS-ASSEMBLE GUN		11-10-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11/11/04	RS
617	DRILL AND TAP SIGHT HOLES		11-10-04	TRW
620	APPLY COATINGS (BARREL ACTION)		11/13	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/29/04	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/29/04	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/29/04	DA
	D) OIL FIRING PIN ASSEMBLY		11-30-04	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>5.2</u> <u>5.5</u> <u>5.5</u>	12/2/04	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.2</u>	12/2/04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1025</u> <u>1024</u> <u>1023</u>	12/2/04	DA
	J) ASSEMBLE STOCK		11-30-04	RTL
	K) ASSEMBLE SWIVEL STUDS		12-7-04	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
	O) GALLERY TEST AND TARGET			
640		<u>PASS</u> FAIL	12-1-04	AC
	MALFUNCTION <i>C.H. over live</i>	CORRECTION <i>OK</i>	12-6-04	TRL
	<i>Red.</i> MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
645	INSPECT FOR LIVE AMMO		12-1-04	AC
655	FINAL INSPECTION A) HEADSPACE		12-7-04	AC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.36</u> <u>2.52</u> <u>2.40</u> <u>2.49</u> <u>2.26</u>	12/2/04	DA
	C) FUNCTION		12-7-04	AC
660	PACK		12/8/04	DA

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
BARBER - M24 0151844
 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)

SERIAL NO.

DATE

TESTER

11-30-04

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.32	2.71		2.18	
PULL #2	2.50	2.65		2.11	
PULL #3	2.20	2.70		2.24	
PULL #4	2.42	2.79		2.25	
PULL #5	2.52	2.68		2.21	
TOTAL	11.96	13.53		10.99	
AVERAGE	2.39	2.70		2.19	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.14		
PULL #2	3.55	3.11		
PULL #3	3.42	3.50		
PULL #4	3.47	3.14		
PULL #5	3.45	3.06		
TOTAL	17.08	15.95		
AVERAGE	3.41	3.19		

	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	4.08	4.18		3.98
PULL #2	4.21	4.66		4.02
PULL #3	4.28	4.07		4.12
PULL #4	4.21	4.13		4.14
PULL #5	4.18	4.07		3.84
TOTAL	20.96	20.51		20.10
AVERAGE	4.19	4.10		4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414409.__1
FILE DATE AND TIME: 09/13/2005 09:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.086
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	1.018
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.522
The Distance from Centroid Target #3 to Centroid Target #1:	0.643
The Distance from Centroid Target #4 to Centroid Target #1:	0.450
The Distance from Centroid Target #5 to Centroid Target #1:	0.391

BARBER - M24 0151846

SERIAL NUMBER: G6414409. __1

TARGET NUMBER: 1

FILE DATE: 09/13/2005

FILE TIME: 09:26

X CENTROID: 0.255

Y CENTROID: -0.119

POA TO CENTROID: 0.282

HORZ SPREAD: 2.114

VERT SPREAD: 2.322

GROUP SPREAD: 3.140

MIN RADIUS: 0.127

MAX RADIUS: 1.787

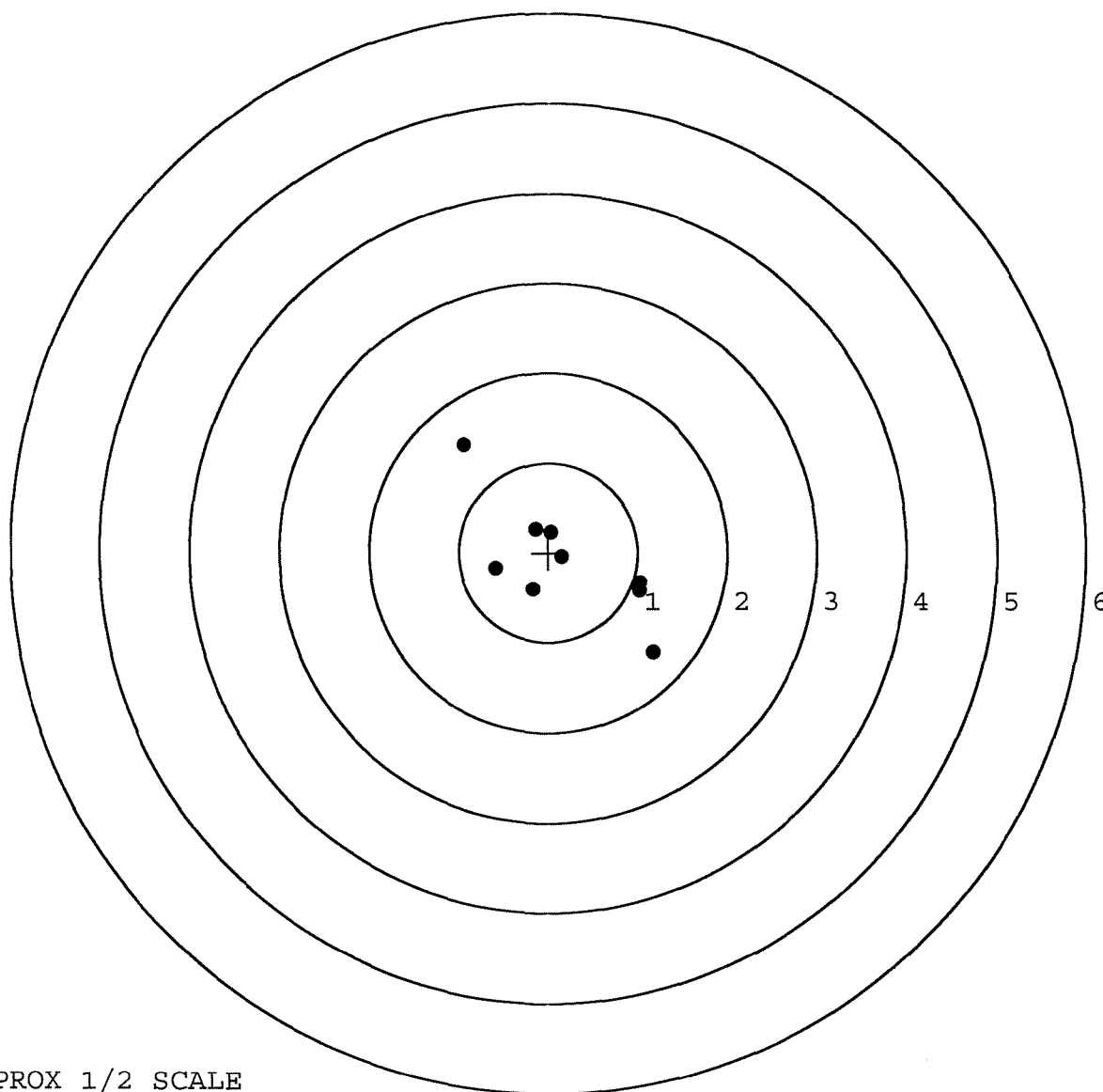
MEAN RADIUS: 0.802

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.024	-0.431
2:	-0.172	-0.414
3:	0.149	-0.049
4:	-0.141	0.266
5:	-0.946	1.204
6:	0.030	0.229
7:	1.168	-1.118
8:	1.013	-0.351
9:	1.020	-0.343
10:	-0.592	-0.185



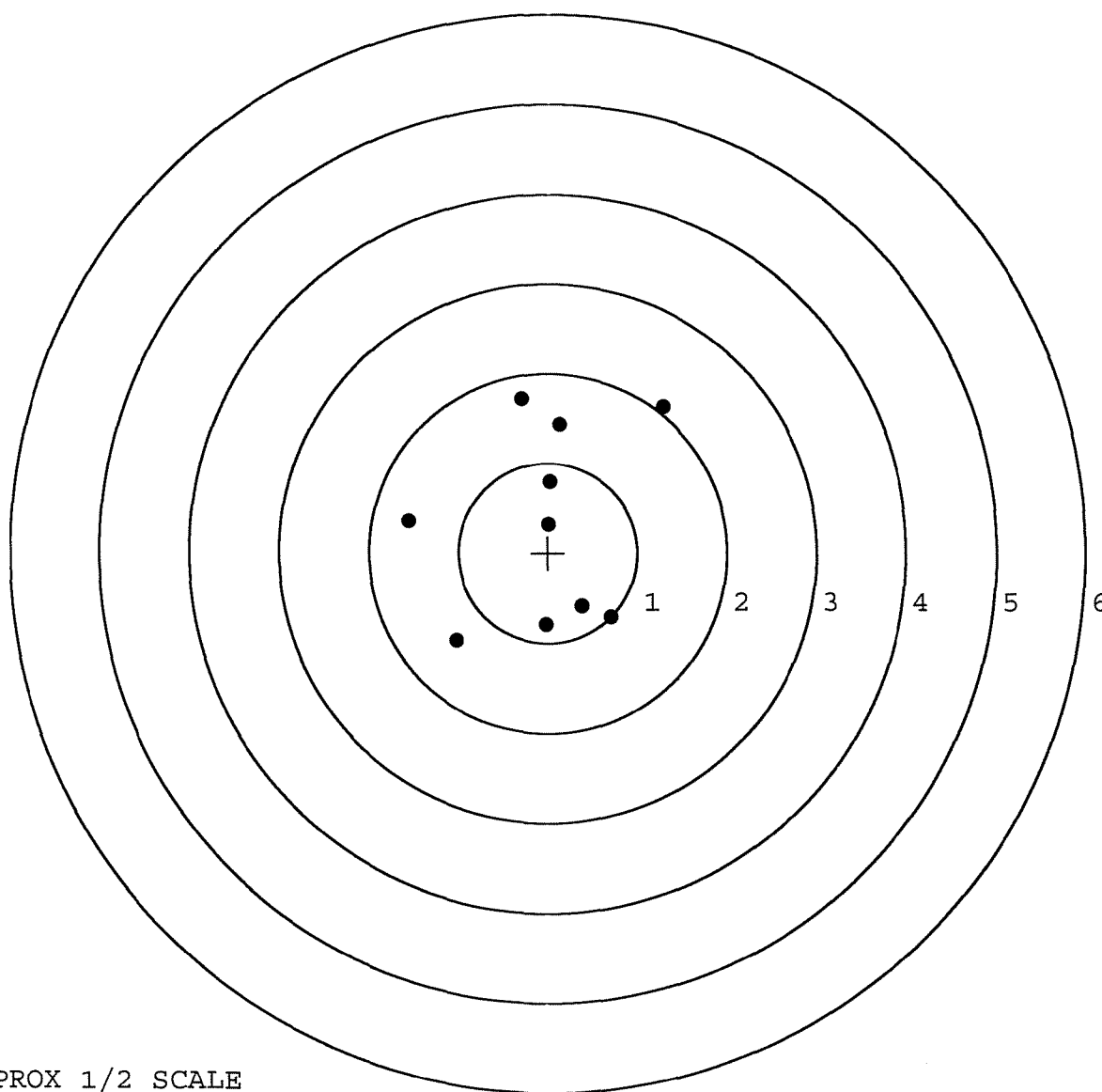
TARGET APPROX 1/2 SCALE

BARBER - M24 0151847

SERIAL NUMBER: G6414409. __1
 TARGET NUMBER: 2
 FILE DATE: 09/13/2005
 FILE TIME: 09:26

X CENTROID: -0.036
 Y CENTROID: 0.314
 POA TO CENTROID: 0.316
 HORZ SPREAD: 2.843
 VERT SPREAD: 2.684
 GROUP SPREAD: 3.477
 MIN RADIUS: 0.046
 MAX RADIUS: 1.861
 MEAN RADIUS: 1.147
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.390	-0.594
2:	0.711	-0.715
3:	-0.022	-0.803
4:	-1.023	-0.976
5:	-1.559	0.350
6:	-0.297	1.708
7:	0.130	1.430
8:	0.020	0.792
9:	0.010	0.320
10:	1.284	1.626



TARGET APPROX 1/2 SCALE

BARBER - M24 0151848

SERIAL NUMBER: G6414409. __1

TARGET NUMBER: 3

FILE DATE: 09/13/2005

FILE TIME: 09:26

X CENTROID: -0.365

Y CENTROID: 0.051

POA TO CENTROID: 0.369

HORZ SPREAD: 2.543

VERT SPREAD: 2.308

GROUP SPREAD: 2.680

MIN RADIUS: 0.486

MAX RADIUS: 1.493

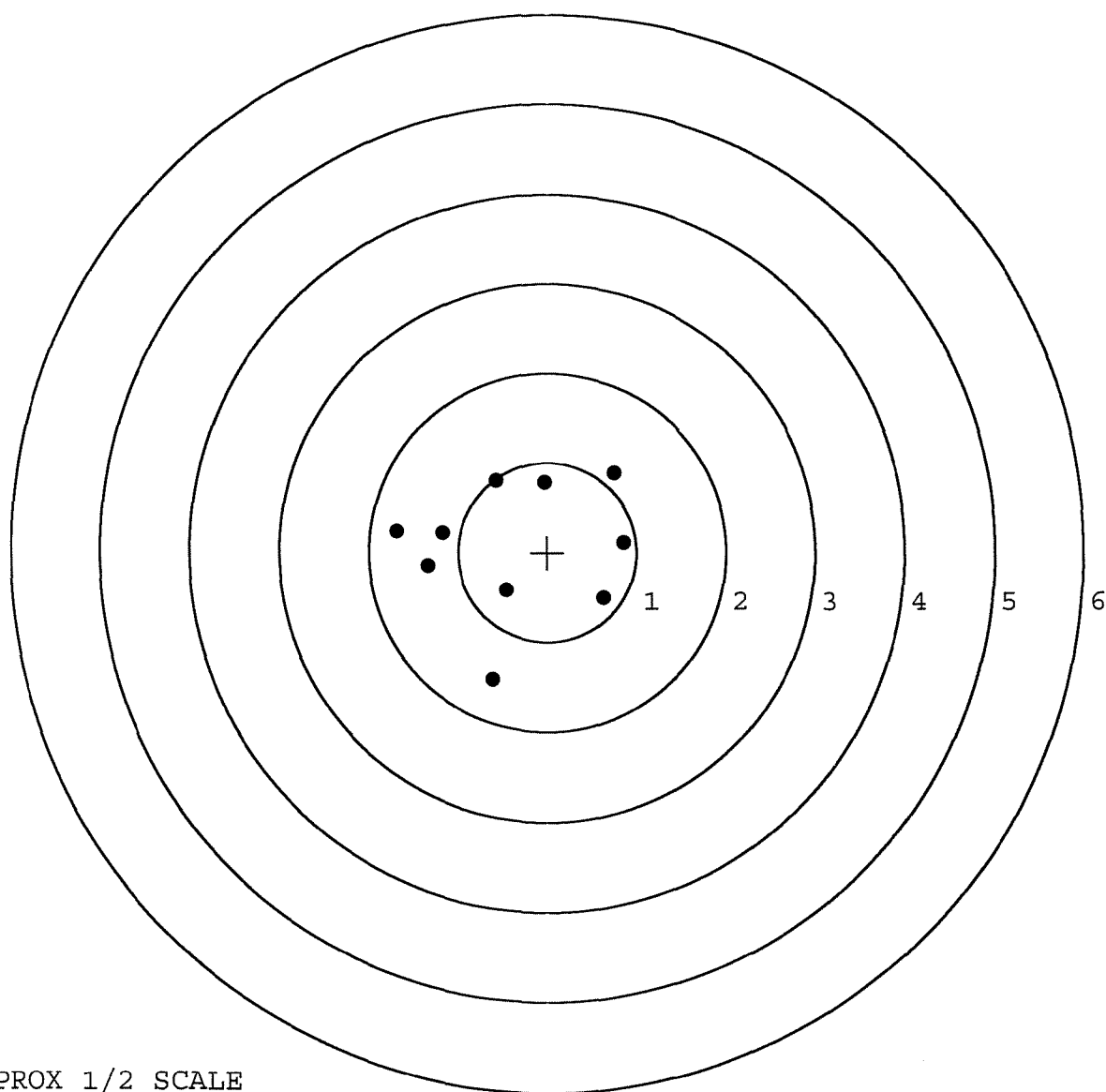
MEAN RADIUS: 1.048

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.575	0.799
2:	-1.178	0.217
3:	-1.345	-0.160
4:	-1.689	0.235
5:	-0.457	-0.427
6:	-0.613	-1.422
7:	0.635	-0.509
8:	0.854	0.113
9:	0.750	0.886
10:	-0.035	0.774



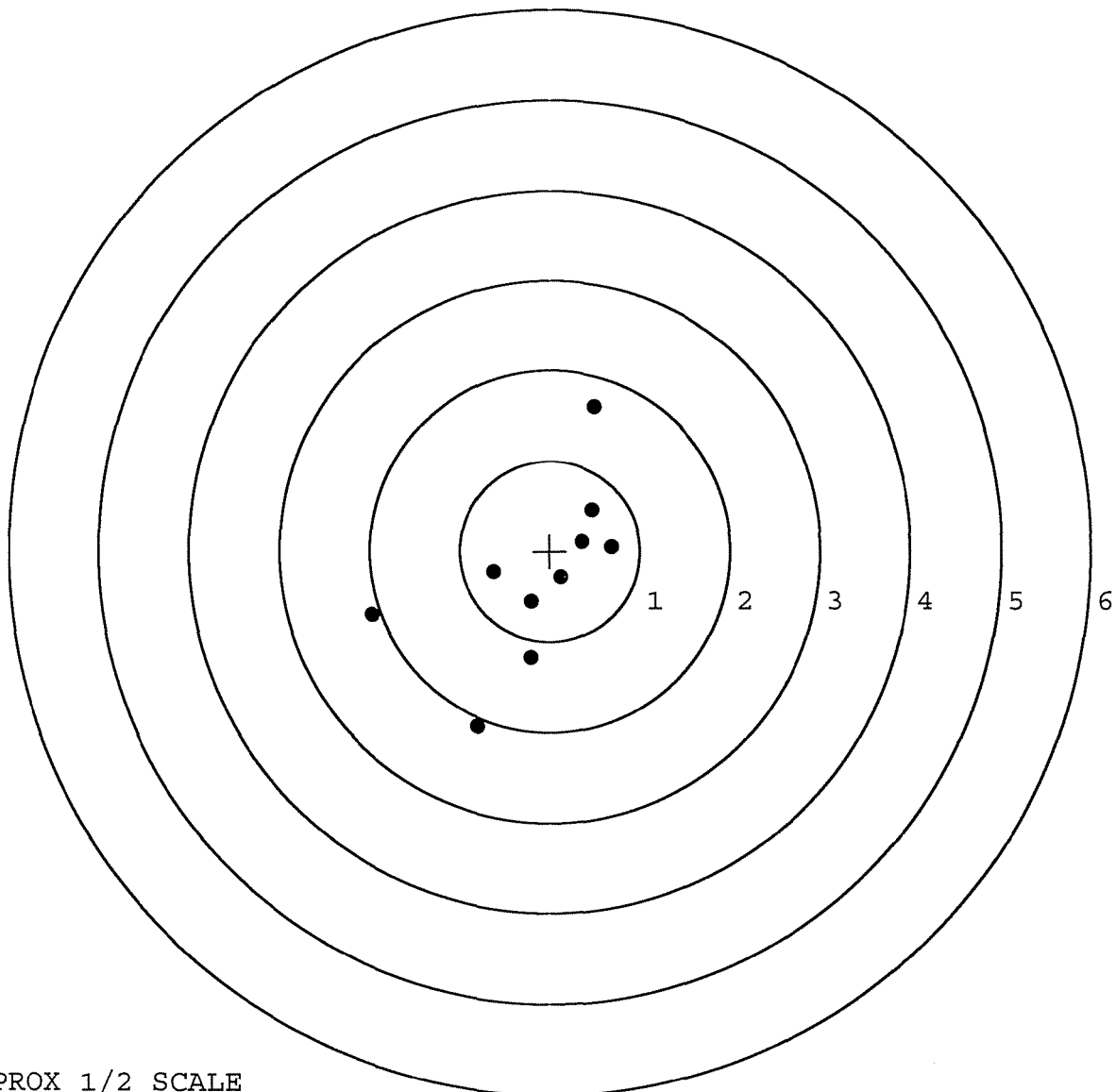
TARGET APPROX 1/2 SCALE

BARBER - M24 0151849

SERIAL NUMBER: G6414409. __1
TARGET NUMBER: 4
FILE DATE: 09/13/2005
FILE TIME: 09:26

POINT#	X	Y
1:	0.472	0.454
2:	0.364	0.107
3:	0.689	0.051
4:	0.121	-0.290
5:	-0.621	-0.233
6:	-0.211	-0.561
7:	-0.213	-1.184
8:	-1.975	-0.715
9:	0.494	1.599
10:	-0.806	-1.945

X CENTROID: -0.169
Y CENTROID: -0.272
POA TO CENTROID: 0.320
HORZ SPREAD: 2.664
VERT SPREAD: 3.544
GROUP SPREAD: 3.775
MIN RADIUS: 0.290
MAX RADIUS: 1.985
MEAN RADIUS: 1.012
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0151850

SERIAL NUMBER: G6414409. __1

TARGET NUMBER: 5

FILE DATE: 09/13/2005

FILE TIME: 09:26

X CENTROID: -0.116

Y CENTROID: 0.003

POA TO CENTROID: 0.116

HORZ SPREAD: 2.692

VERT SPREAD: 2.361

GROUP SPREAD: 3.113

MIN RADIUS: 0.295

MAX RADIUS: 1.824

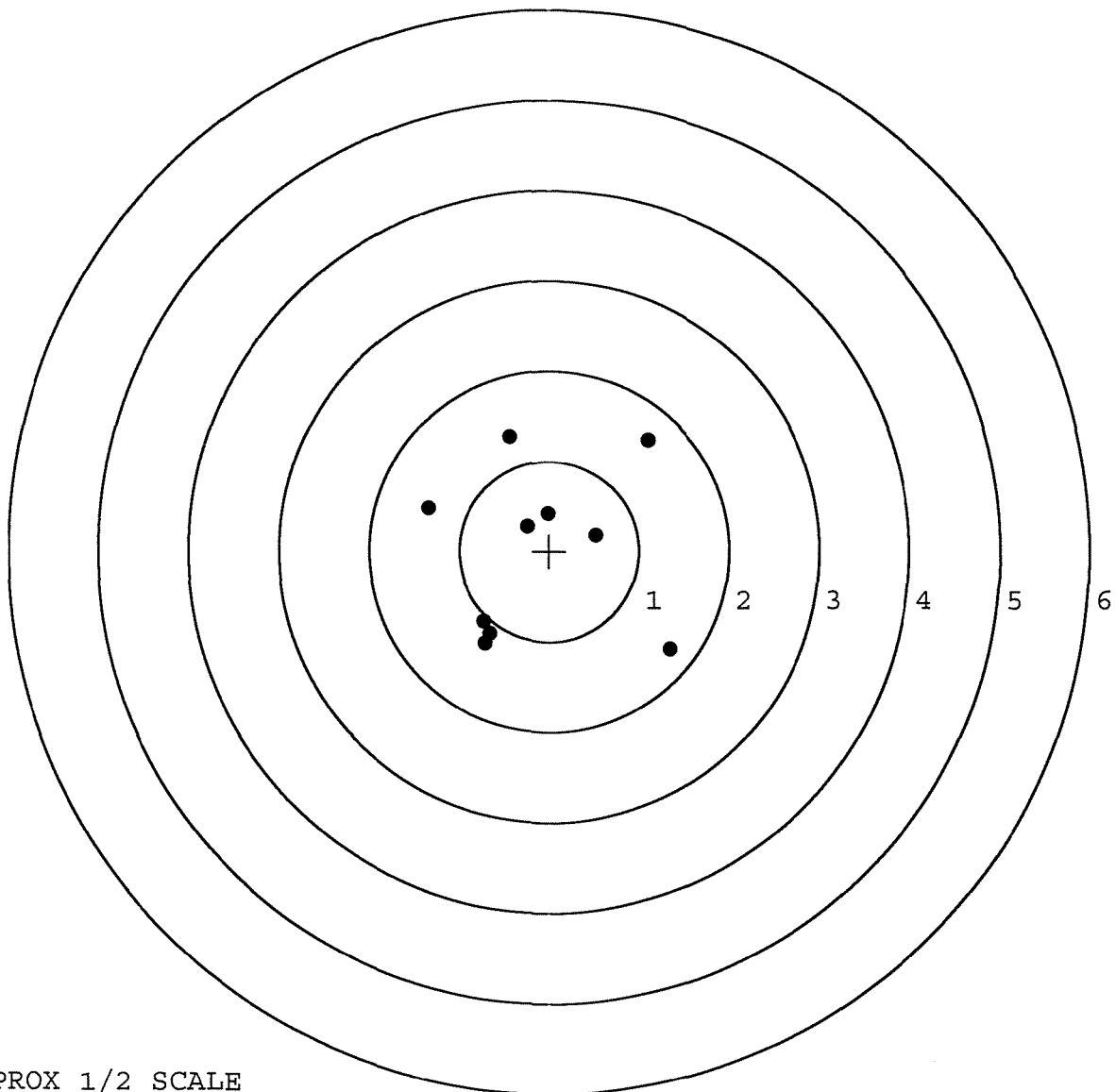
MEAN RADIUS: 1.081

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.102	1.233
2:	-0.436	1.273
3:	-1.346	0.475
4:	-0.015	0.414
5:	-0.246	0.267
6:	-0.720	-0.785
7:	-0.708	-1.024
8:	0.522	0.178
9:	1.346	-1.088
10:	-0.658	-0.917



TARGET APPROX 1/2 SCALE