

G6591524

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



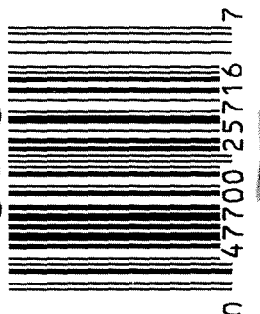
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591524

UPC



BARBER - M24 0167402

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 0167402 0167441

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591524

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-12-06	RTZ
420	ASSEMBLE ACTION		9-20-06	RTZ
430	ASSEMBLE TO STOCK		9-21-06	RP
440	PROOF		9-21-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-21-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 22 2006	9-20-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	9-22-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-22-06	CW
510	DRILL AND TAP SIGHT HOLES		9-21-06	TRW
520	GOFF BLAST BBL / REC		9-22-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/25	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-26-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-26-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-26-06	DA
	D) OIL FIRING PIN ASSEMBLY		9-27-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP # BARBER M24 M16Z404		READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7°</u>	<u>6°</u>	<u>7°</u>	10-3-06	SD		
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>5°</u>	<u>5°</u>	<u>4°</u>	10-3-06	SD		
	H) TRIGGER PULL TEST AND RETAINABILITY							
	I) FIRING PIN INDENT .020 MIN	<u>.026</u>	<u>.027</u>	<u>.026</u>	10-3-06	SD		
	J) ASSEMBLE STOCK				9-27-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS				11-1-06	RTZ		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				9-27-06	RTZ		
	M) IRON SIGHT ALIGNMENT				9-27-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				9-27-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u>	FAIL					
		<u>PASS</u>	FAIL		9-27-06	L.P.P.		
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
660	INSPECT FOR LIVE AMMO				9-27-06	M/L		
670	FINAL INSPECTION A) HEADSPACE				11-1-06	RTZ		
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.28</u>	<u>2.30</u>	<u>2.25</u>	<u>2.21</u>	<u>2.24</u>	9-29-06	DA
	C) FUNCTION				11-1-06	RTZ		
690	PACK				11/8/06	AA		

F004 REV 5/2006

BARBER - M24 0167405AVERAGE 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 9-14-06TESTER mjh

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.47	2.45		2.47	
PULL #2	2.54	2.32		2.49	
PULL #3	2.63	2.56		2.46	
PULL #4	2.56	2.68		2.44	
PULL #5	2.51	2.56		2.42	
TOTAL	12.65	12.57		12.28	
AVERAGE	2.53	2.51		2.46	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.10		
PULL #2	2.93	2.88		
PULL #3	2.97	2.89		
PULL #4	3.00	2.87		
PULL #5	2.91	2.83		
TOTAL	14.84	14.57		
AVERAGE	2.97	2.91		

	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	4.14	3.98		3.95
PULL #2	3.90	3.94		3.94
PULL #3	3.89	3.98		3.95
PULL #4	3.87	3.95		3.93
PULL #5	3.88	3.90		4.17
TOTAL	19.68	19.75		19.94
AVERAGE	3.94	3.95		3.99

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTONBARBER - M24 ~~0167405~~ 0167444

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591524.___0
FILE DATE AND TIME: 09/28/2006 06:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

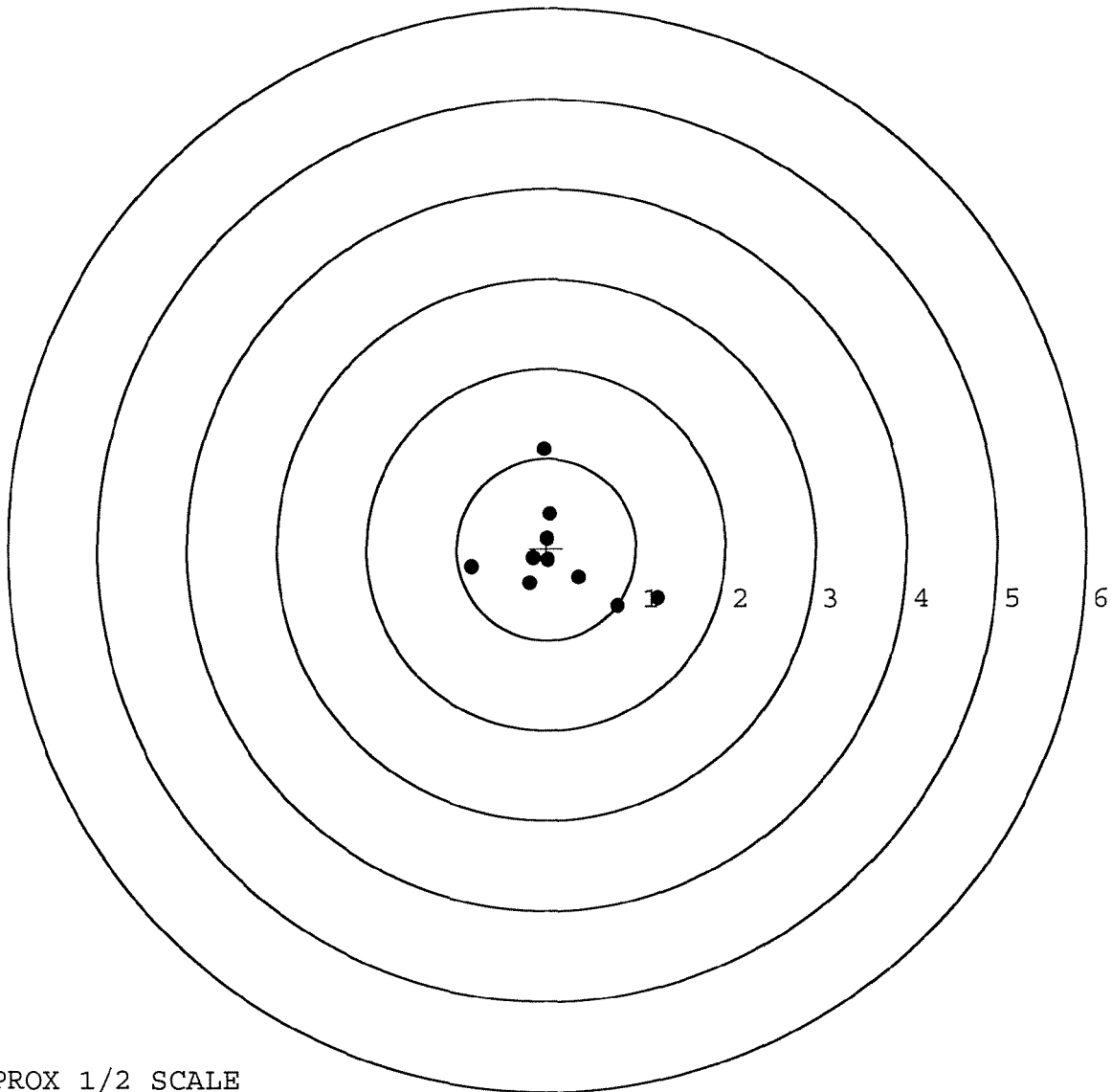
The Average X Centroid of the Five Target Set:	-0.006
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.019
The Average Mean Radius of the Five Target Set:	0.559
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.194
The Distance from Centroid Target #3 to Centroid Target #1:	0.251
The Distance from Centroid Target #4 to Centroid Target #1:	0.181
The Distance from Centroid Target #5 to Centroid Target #1:	0.122

BARBER - M24 0167407

SERIAL NUMBER: G6591524. __0
TARGET NUMBER: 1
FILE DATE: 09/28/2006
FILE TIME: 06:03

X CENTROID: 0.124
Y CENTROID: -0.073
POA TO CENTROID: 0.144
HORZ SPREAD: 2.081
VERT SPREAD: 1.732
GROUP SPREAD: 2.110
MIN RADIUS: 0.118
MAX RADIUS: 1.217
MEAN RADIUS: 0.610
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.033	1.101
2:	1.244	-0.551
3:	0.789	-0.631
4:	-0.837	-0.204
5:	-0.193	-0.382
6:	0.360	-0.318
7:	-0.153	-0.112
8:	0.040	0.383
9:	0.007	0.111
10:	0.020	-0.128



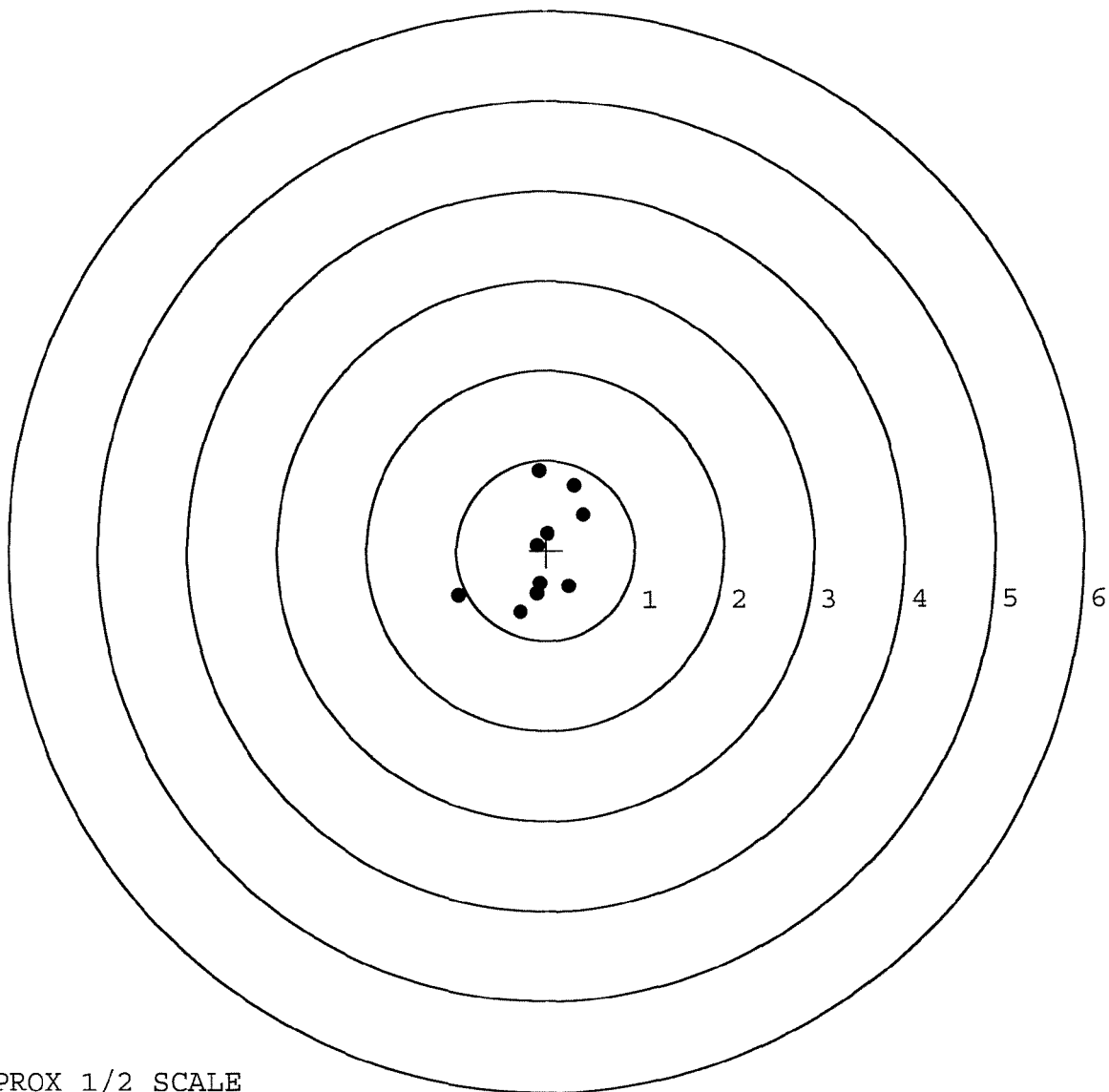
TARGET APPROX 1/2 SCALE

BARBER - M24 0167408

SERIAL NUMBER: G6591524. 0
TARGET NUMBER: 2
FILE DATE: 09/28/2006
FILE TIME: 06:03

X CENTROID: -0.062
Y CENTROID: -0.017
POA TO CENTROID: 0.064
HORZ SPREAD: 1.397
VERT SPREAD: 1.573
GROUP SPREAD: 1.781
MIN RADIUS: 0.083
MAX RADIUS: 1.034
MEAN RADIUS: 0.574
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.978	-0.496
2:	-0.291	-0.689
3:	-0.073	-0.368
4:	0.256	-0.396
5:	-0.102	0.056
6:	0.017	0.193
7:	0.419	0.406
8:	0.317	0.726
9:	-0.078	0.884
10:	-0.105	-0.485



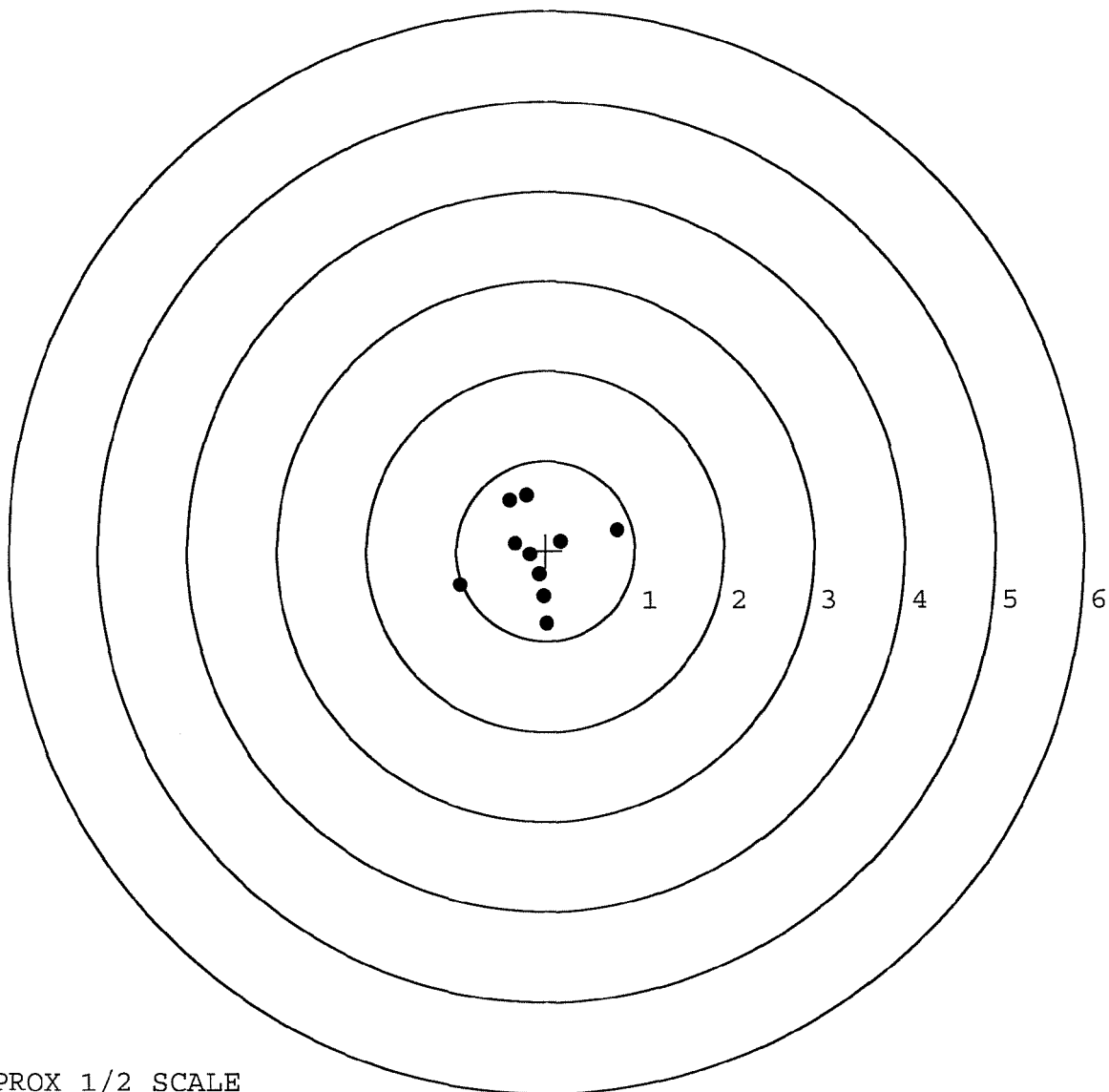
TARGET APPROX 1/2 SCALE

BARBER - M24 0167409

SERIAL NUMBER: G6591524. __0
TARGET NUMBER: 3
FILE DATE: 09/28/2006
FILE TIME: 06:03

POINT#	X	Y
1:	-0.957	-0.377
2:	0.011	-0.815
3:	-0.028	-0.508
4:	-0.077	-0.265
5:	-0.176	-0.044
6:	-0.349	0.086
7:	-0.216	0.617
8:	-0.412	0.563
9:	0.166	0.107
10:	0.796	0.231

X CENTROID: -0.124
Y CENTROID: -0.041
POA TO CENTROID: 0.131
HORZ SPREAD: 1.753
VERT SPREAD: 1.432
GROUP SPREAD: 1.855
MIN RADIUS: 0.052
MAX RADIUS: 0.959
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



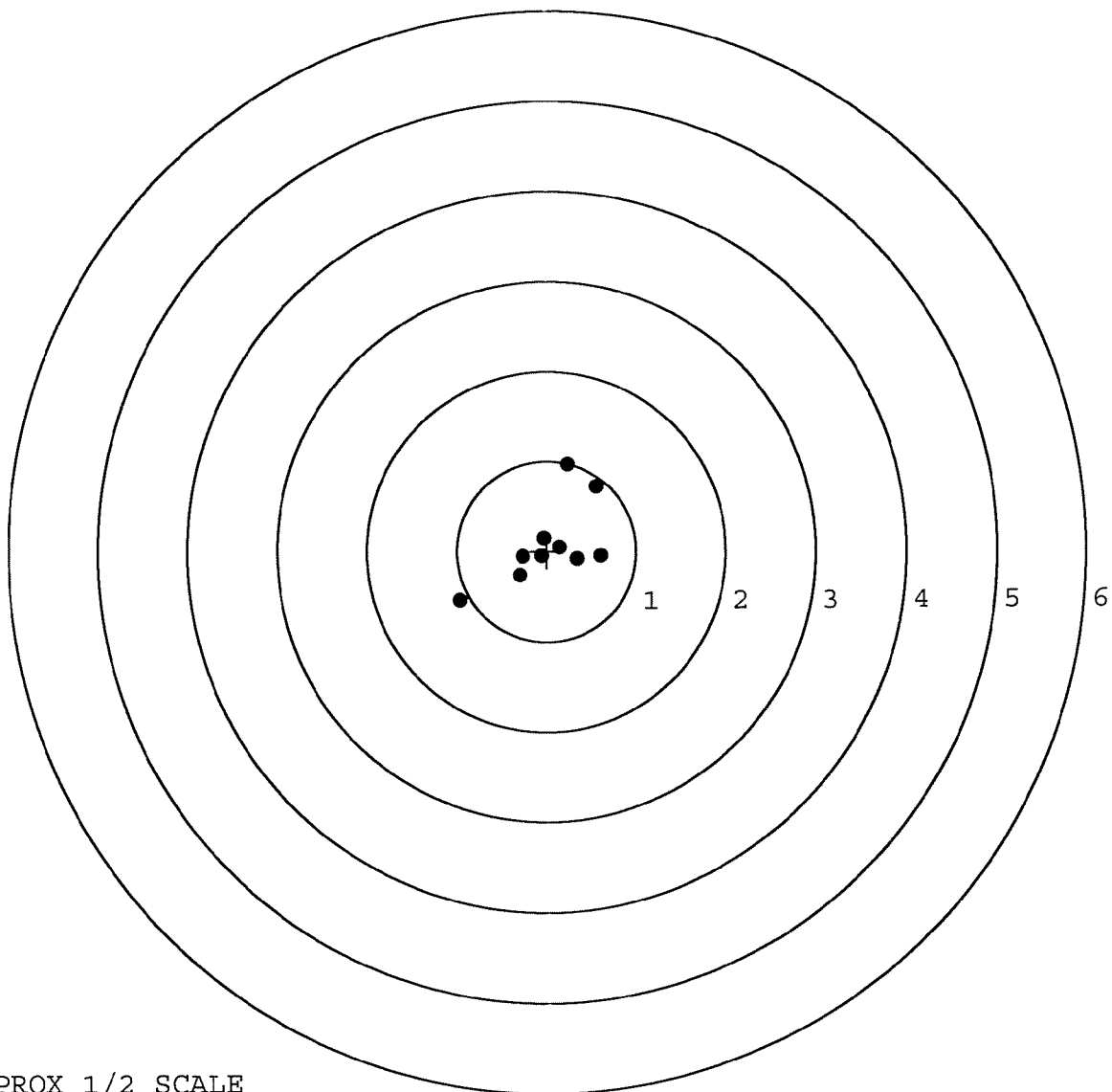
TARGET APPROX 1/2 SCALE

BARBER - M24 0167410

SERIAL NUMBER: G6591524. 0
 TARGET NUMBER: 4
 FILE DATE: 09/28/2006
 FILE TIME: 06:03

POINT#	X	Y
1:	0.555	0.715
2:	0.237	0.962
3:	0.606	-0.055
4:	0.340	-0.088
5:	0.146	0.042
6:	-0.039	0.145
7:	-0.302	-0.272
8:	-0.268	-0.062
9:	-0.065	-0.059
10:	-0.968	-0.546

X CENTROID: 0.024
 Y CENTROID: 0.078
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.574
 VERT SPREAD: 1.508
 GROUP SPREAD: 1.977
 MIN RADIUS: 0.092
 MAX RADIUS: 1.172
 MEAN RADIUS: 0.505
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

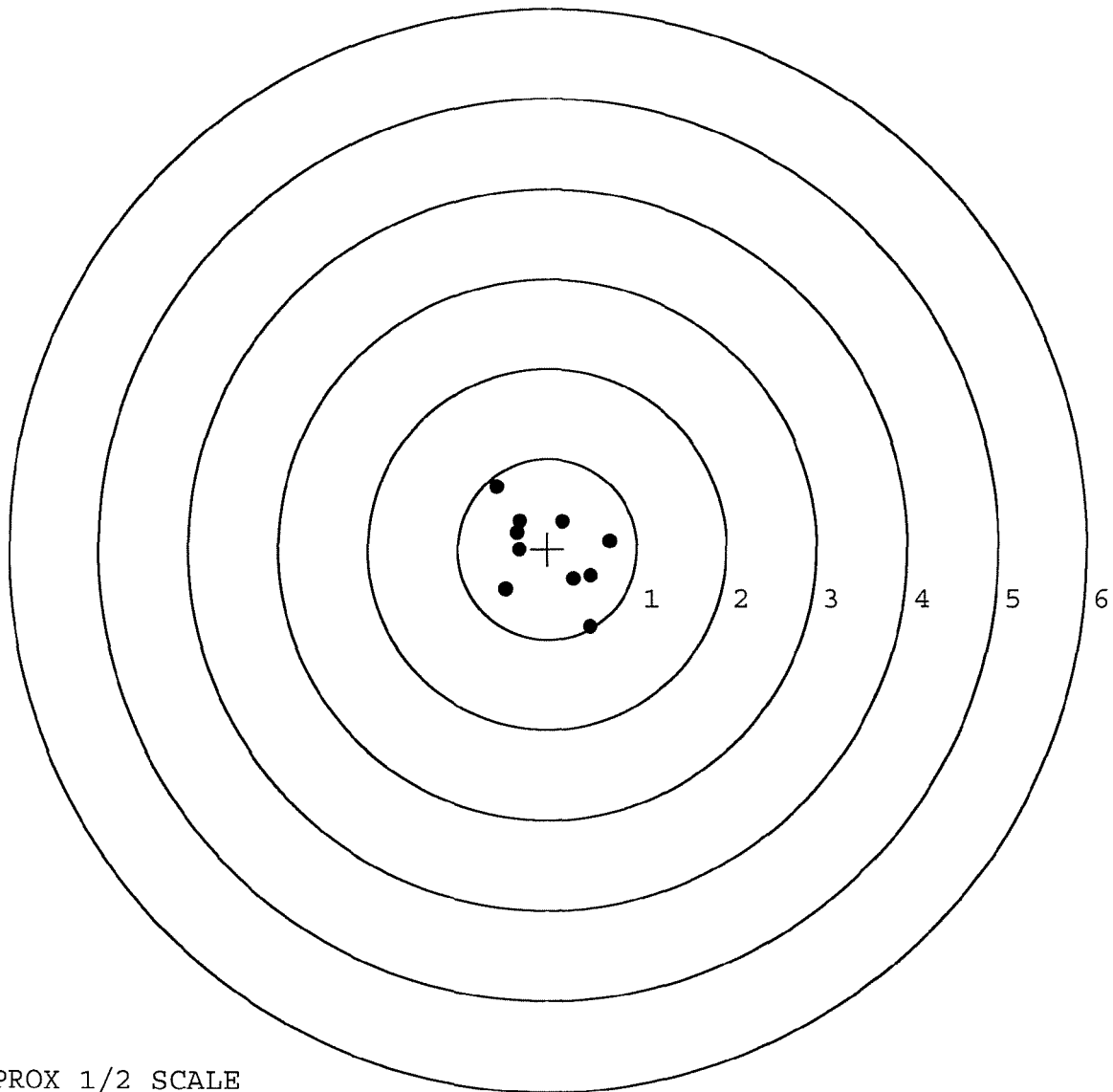
BARBER - M24 0167411

SERIAL NUMBER: G6591524. 0
TARGET NUMBER: 5
FILE DATE: 09/28/2006
FILE TIME: 06:03

X CENTROID: 0.008
Y CENTROID: -0.037
POA TO CENTROID: 0.038
HORZ SPREAD: 1.261
VERT SPREAD: 1.555
GROUP SPREAD: 1.875
MIN RADIUS: 0.325
MAX RADIUS: 0.950
MEAN RADIUS: 0.575

POINT#	X	Y
1:	0.476	-0.864
2:	0.288	-0.333
3:	0.483	-0.294
4:	0.690	0.092
5:	0.163	0.309
6:	-0.571	0.691
7:	-0.317	0.307
8:	-0.316	-0.010
9:	-0.473	-0.449
10:	-0.348	0.180

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE