

BARBER - M24 0168009

G-6591565

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0168009~~ M2400168048

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

- INSTRUCTION BOOK 3518

DD FORM

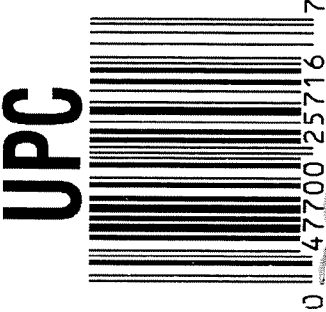


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591565



BARBER - M24 0168011

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS1
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS1
UPC



SERIAL NO.



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0168011 68050

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591565

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	RTL
420	ASSEMBLE ACTION		10-6-06	BLG
430	ASSEMBLE TO STOCK		10-7-06	WK
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 10 2006	10-9-06	RTL
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	10-10-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	W
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/18/06	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-25-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-25-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-25-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-3-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	BARBERION M24 M58013	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5²</u> <u>5²</u> <u>5²</u>	11-4-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>6²</u> <u>6²</u> <u>6²</u>	11-4-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	11-4-06	SD
	J) ASSEMBLE STOCK		11-3-06	BLG
	K) ASSEMBLE SWIVEL STUDS		11-17-06	S.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-17-06	RTZ
	M) IRON SIGHT ALIGNMENT		11-17-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-17-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	11-6-06	TKW
	MALFUNCTION <i>OH = CH over live rdo</i>	CORRECTION OK	11-8-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-6-06	SAJ
670	FINAL INSPECTION A) HEADSPACE		11-17-06	S.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>238</u> <u>284</u> <u>272</u> <u>267</u> <u>255</u>	11/14/06	mon
	C) FUNCTION		11-17-06	S.P.D.
690	PACK		2-5-07	OA

F004 REV 5/2006

BARBER - M24 0168014AVERAGE 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 11-1-06TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.71		2.61	
PULL #2	2.48	2.77		2.59	
PULL #3	2.54	2.70		2.59	
PULL #4	2.64	2.77		2.65	
PULL #5	2.73	2.76		2.71	
TOTAL	1289	1371		1315	
AVERAGE	257	274		263	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.00		
PULL #2	3.07	3.02		
PULL #3	3.10	3.01		
PULL #4	3.00	3.03		
PULL #5	3.10	3.00		
TOTAL	1534	1506		
AVERAGE	306	301		

	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	4.03	3.99		4.00
PULL #2	4.03	3.96		4.07
PULL #3	4.08	3.81		4.15
PULL #4	3.99	4.08		4.16
PULL #5	4.02	4.01		4.14
TOTAL	2015	1985		2052
AVERAGE	403	397		410

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591565.___0
FILE DATE AND TIME: 11/07/2006 05:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

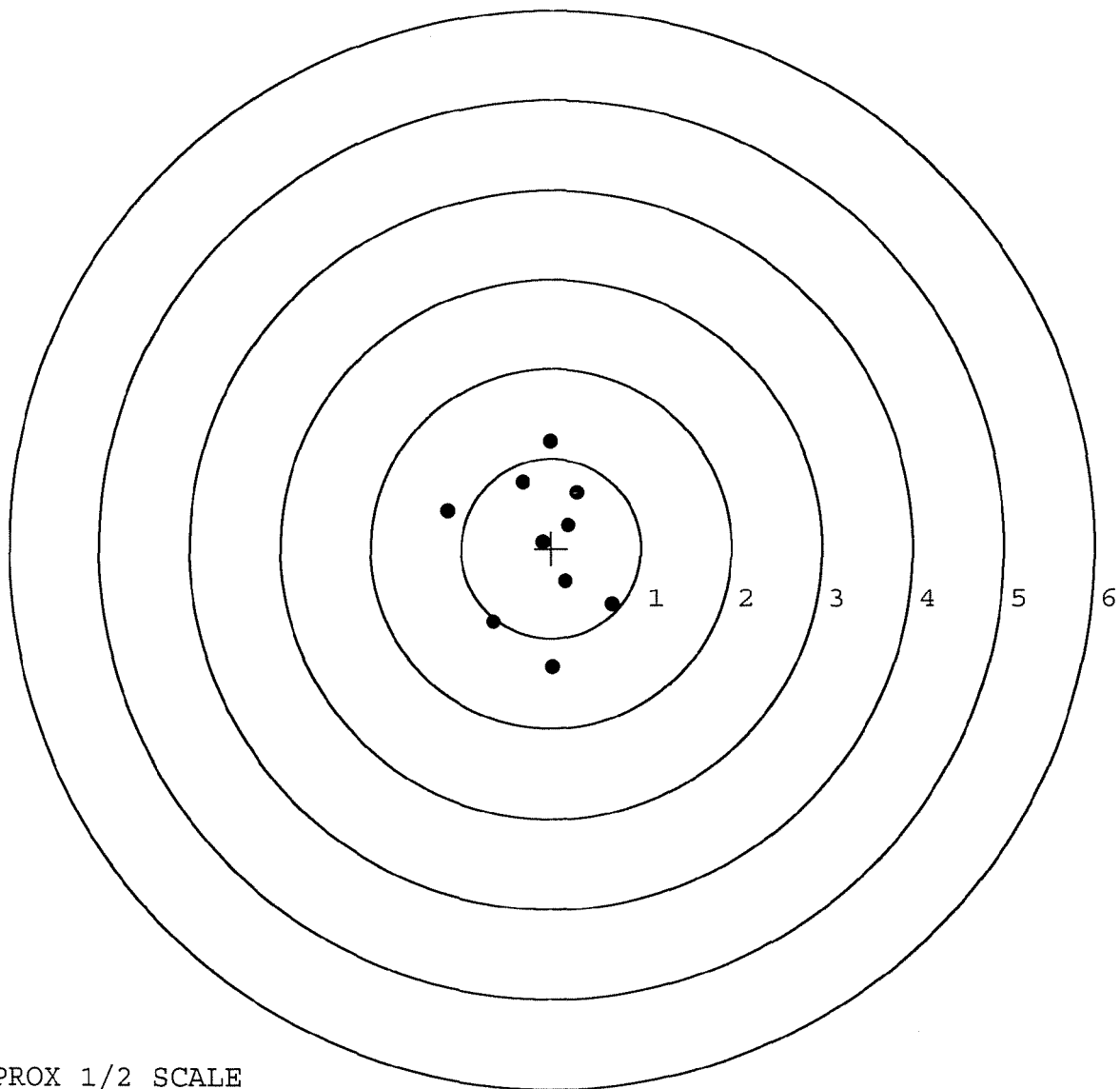
The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	0.107
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.089
The Distance from Centroid Target #2 to Centroid Target #1:	0.397
The Distance from Centroid Target #3 to Centroid Target #1:	0.056
The Distance from Centroid Target #4 to Centroid Target #1:	0.061
The Distance from Centroid Target #5 to Centroid Target #1:	0.296

BARBER - M24 0168016

SERIAL NUMBER: G6591565. __0
TARGET NUMBER: 1
FILE DATE: 11/07/2006
FILE TIME: 05:34

POINT#	X	Y
1:	0.024	-1.331
2:	-0.646	-0.820
3:	0.686	-0.626
4:	0.162	-0.371
5:	-0.099	0.072
6:	0.193	0.263
7:	0.289	0.621
8:	-0.017	1.183
9:	-0.316	0.739
10:	-1.150	0.420

X CENTROID: -0.087
Y CENTROID: 0.015
POA TO CENTROID: 0.089
HORZ SPREAD: 1.836
VERT SPREAD: 2.514
GROUP SPREAD: 2.514
MIN RADIUS: 0.058
MAX RADIUS: 1.351
MEAN RADIUS: 0.803
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



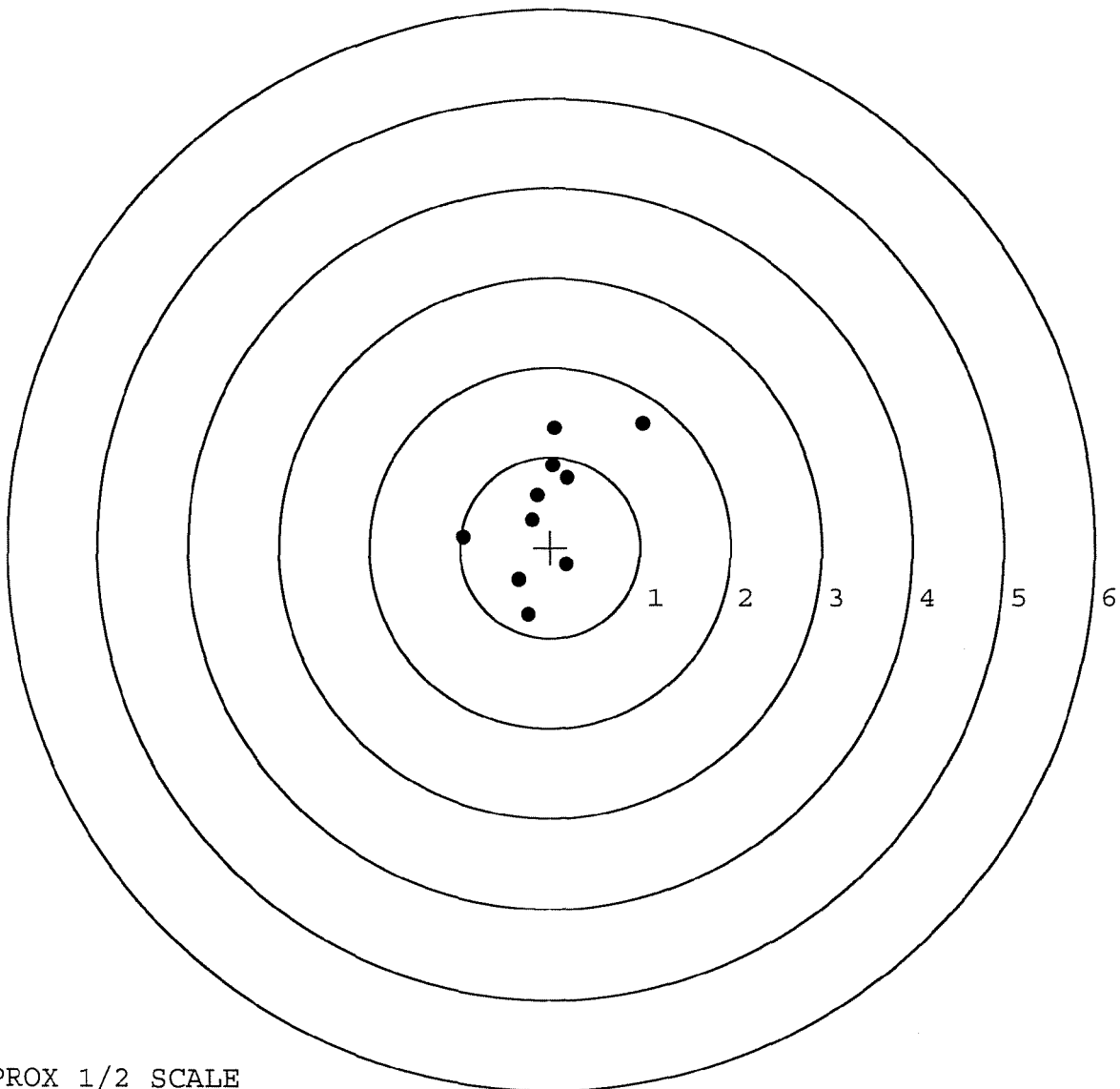
TARGET APPROX 1/2 SCALE

BARBER - M24 0168017

SERIAL NUMBER: G6591565. __0
TARGET NUMBER: 2
FILE DATE: 11/07/2006
FILE TIME: 05:34

POINT#	X	Y
1:	1.021	1.377
2:	0.041	1.326
3:	0.027	0.907
4:	0.192	0.775
5:	-0.144	0.576
6:	-0.201	0.306
7:	-0.973	0.116
8:	0.183	-0.185
9:	-0.353	-0.354
10:	-0.242	-0.745

X CENTROID: -0.045
Y CENTROID: 0.410
POA TO CENTROID: 0.412
HORZ SPREAD: 1.994
VERT SPREAD: 2.122
GROUP SPREAD: 2.469
MIN RADIUS: 0.188
MAX RADIUS: 1.439
MEAN RADIUS: 0.728
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



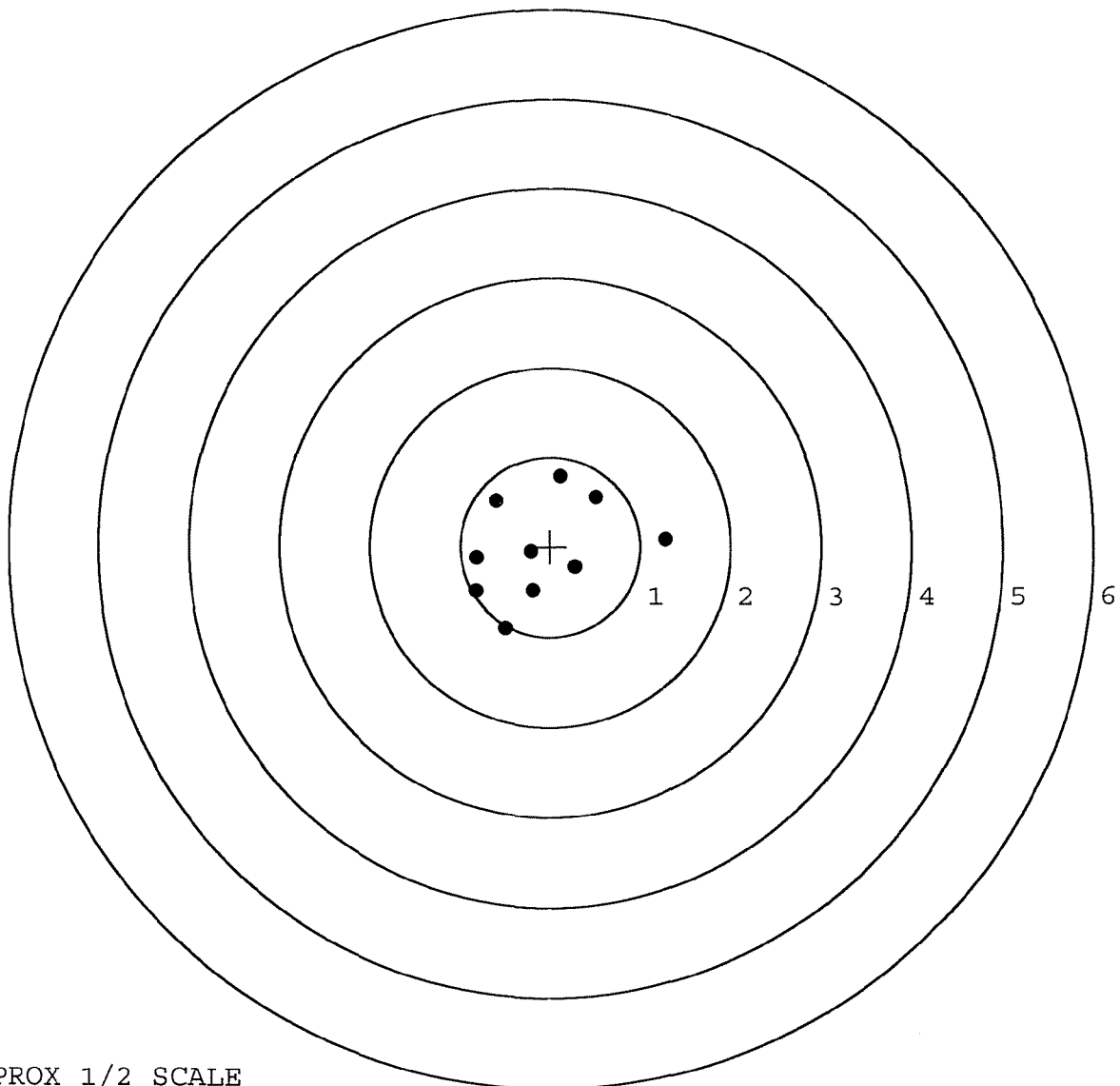
TARGET APPROX 1/2 SCALE

BARBER - M24 0168018

SERIAL NUMBER: G6591565. __0
TARGET NUMBER: 3
FILE DATE: 11/07/2006
FILE TIME: 05:34

POINT#	X	Y
1:	-0.494	-0.913
2:	-0.198	-0.488
3:	0.280	-0.233
4:	-0.218	-0.058
5:	-0.828	-0.499
6:	-0.823	-0.133
7:	-0.601	0.511
8:	0.117	0.786
9:	0.513	0.547
10:	1.280	0.080

X CENTROID: -0.097
Y CENTROID: -0.040
POA TO CENTROID: 0.105
HORZ SPREAD: 2.108
VERT SPREAD: 1.699
GROUP SPREAD: 2.186
MIN RADIUS: 0.122
MAX RADIUS: 1.382
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



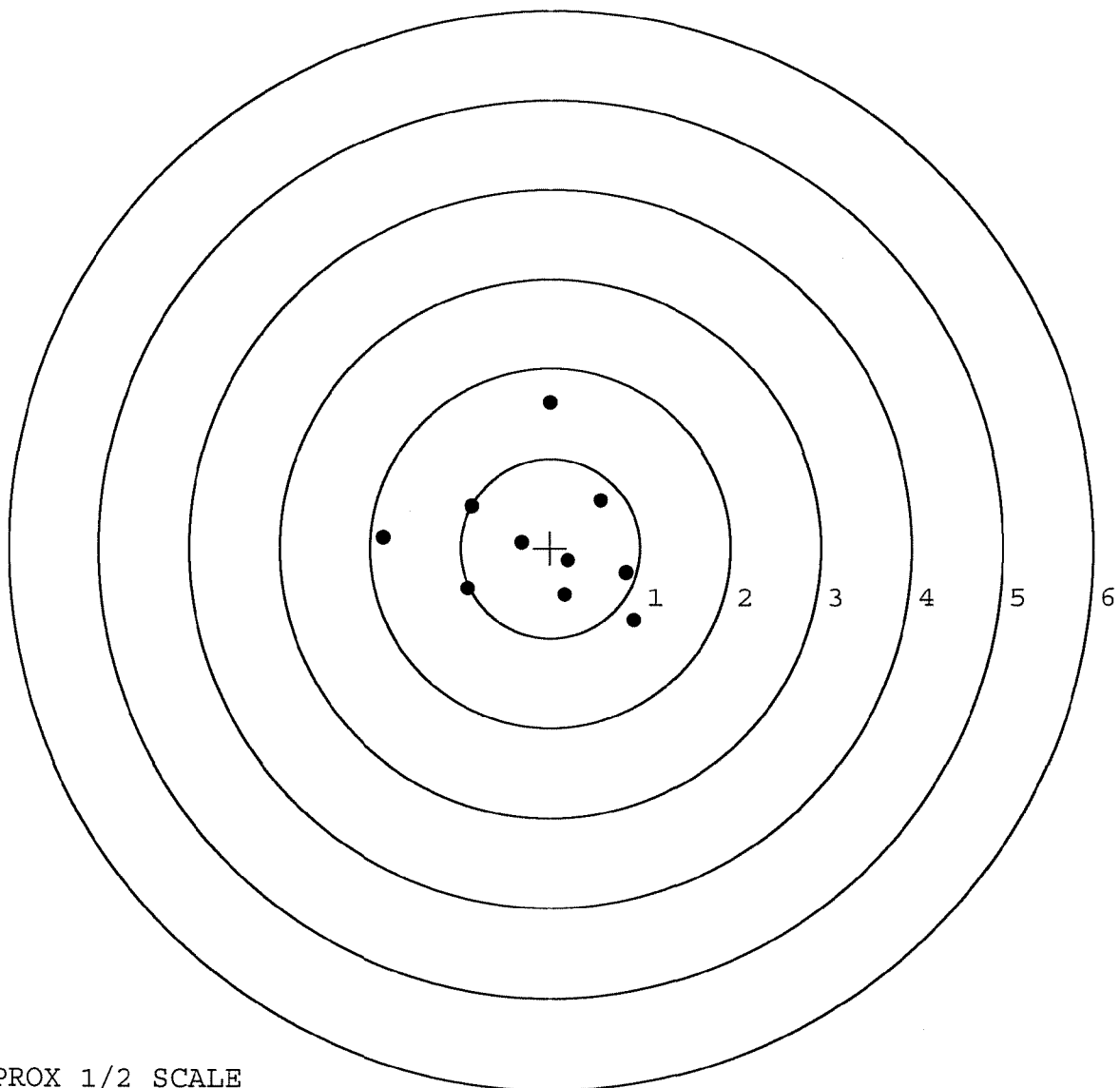
TARGET APPROX 1/2 SCALE

BARBER - M24 0168019

SERIAL NUMBER: G6591565. __0
TARGET NUMBER: 4
FILE DATE: 11/07/2006
FILE TIME: 05:34

POINT#	X	Y
1:	0.927	-0.813
2:	0.845	-0.285
3:	0.165	-0.520
4:	0.194	-0.141
5:	-0.923	-0.448
6:	-0.326	0.062
7:	-1.858	0.121
8:	-0.878	0.470
9:	0.563	0.529
10:	-0.010	1.614

X CENTROID: -0.130
Y CENTROID: 0.059
POA TO CENTROID: 0.143
HORZ SPREAD: 2.785
VERT SPREAD: 2.427
GROUP SPREAD: 2.937
MIN RADIUS: 0.196
MAX RADIUS: 1.729
MEAN RADIUS: 0.955
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



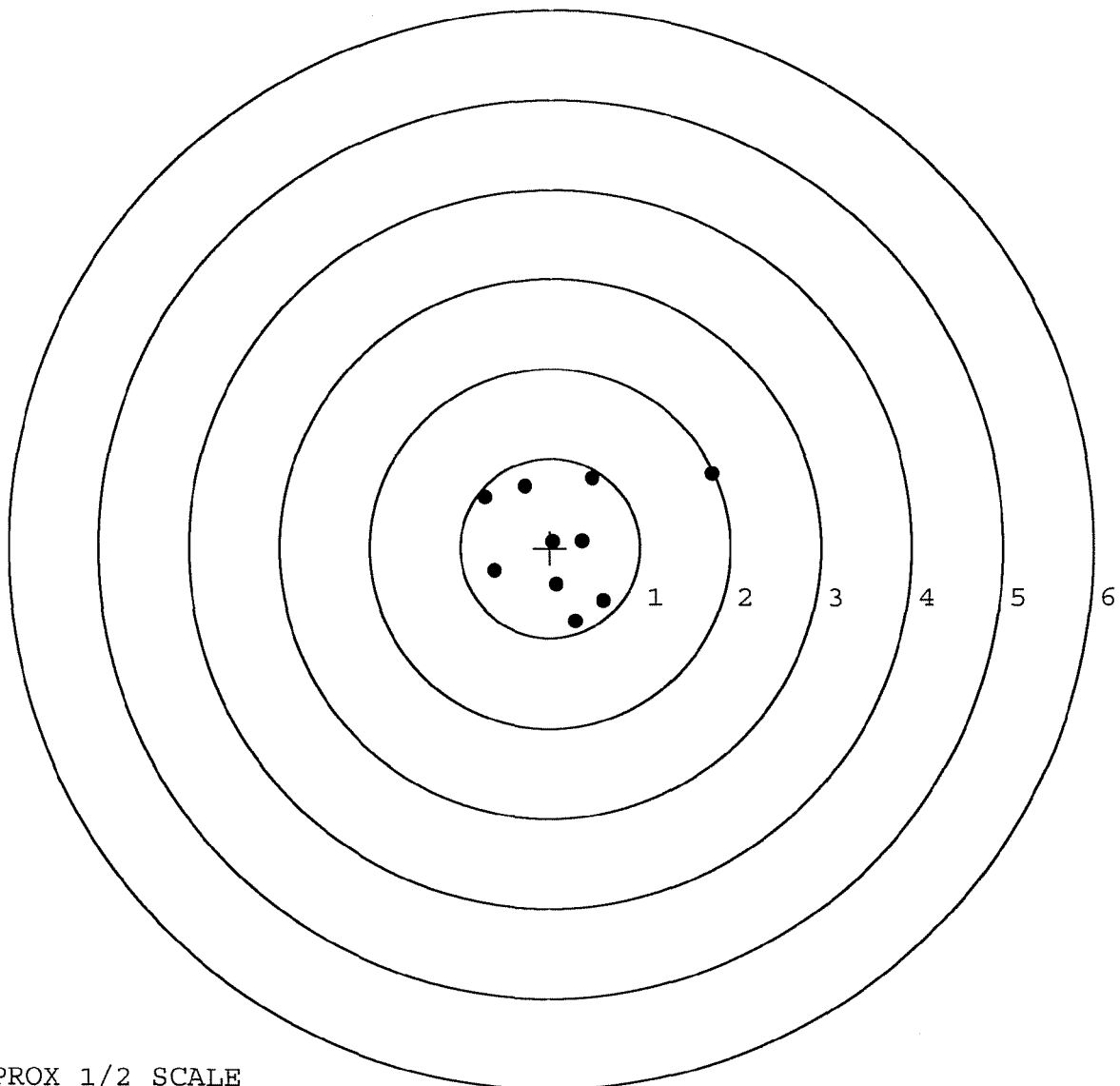
TARGET APPROX 1/2 SCALE

BARBER - M24 0168020

SERIAL NUMBER: G6591565. __ 0
TARGET NUMBER: 5
FILE DATE: 11/07/2006
FILE TIME: 05:34

POINT#	X	Y
1:	0.291	-0.825
2:	0.596	-0.597
3:	0.072	-0.412
4:	-0.621	-0.265
5:	0.356	0.078
6:	0.032	0.069
7:	1.794	0.829
8:	0.473	0.778
9:	-0.282	0.690
10:	-0.728	0.561

X CENTROID: 0.198
Y CENTROID: 0.091
POA TO CENTROID: 0.218
HORZ SPREAD: 2.522
VERT SPREAD: 1.654
GROUP SPREAD: 2.651
MIN RADIUS: 0.158
MAX RADIUS: 1.758
MEAN RADIUS: 0.776
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE