

BARBER - M24 0085361

G6577106

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

BARBER - M24 0085361 M2400085400

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577106

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-9-06	BLC
420	ASSEMBLE ACTION			
430	ASSEMBLE TO STOCK		8-10-06	R.P.
440	PROOF		8-10-06	BLC
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	8-10-06	BLC
470	DIS-ASSEMBLE ACTION	AUG 11 2006	8-10-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	8-11-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-11-06	CW
510	DRILL AND TAP SIGHT HOLES		8-10-06	TRW
520	GOFF BLAST BBL / REC		8-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/18/06	TB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-21-06	R.P.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-21-06	R.P.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-21-06	R.P.
	D) OIL FIRING PIN ASSEMBLY		8-21-06	RTC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>50</u> <u>50</u> <u>50</u>	8-22-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	8-22-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	8-22-06	DA
	J) ASSEMBLE STOCK		8-21-06	RTZ
	K) ASSEMBLE SWIVEL STUDS			
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-21-06	RTZ
	M) IRON SIGHT ALIGNMENT		8-21-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-21-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-21-06	P.P.J.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-21-06	MTM
670	FINAL INSPECTION A) HEADSPACE			
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>265</u> <u>244</u> <u>255</u> <u>245</u> <u>256</u>	8/22/06	RP
	C) FUNCTION			
690	PACK		10-26-06	DA

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BARBER - M24 ~~000000~~ 985404

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 8-14-06

TESTER mjr

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.59	2	2.70	
PULL #2	2.50	2.62		2.68	
PULL #3	2.54	2.67		2.54	
PULL #4	2.51	2.57		2.73	
PULL #5	2.56	2.67		2.70	
TOTAL	12.51	13.01		13.35	
AVERAGE	2.50	2.60		2.67	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	2.88		
PULL #2	3.12	2.99		
PULL #3	3.15	3.01		
PULL #4	3.11	3.15		
PULL #5	3.20	2.97		
TOTAL	15.70	15.06		
AVERAGE	3.14	3.00		

	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	4.10	4.00		4.11
PULL #2	4.10	3.87		3.98
PULL #3	4.10	4.13		3.82
PULL #4	4.11	4.30		4.07
PULL #5	4.12	4.32		4.20
TOTAL	20.53	20.62		20.18
AVERAGE	4.11	4.12		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577106.___0
FILE DATE AND TIME: 08/21/2006 19:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

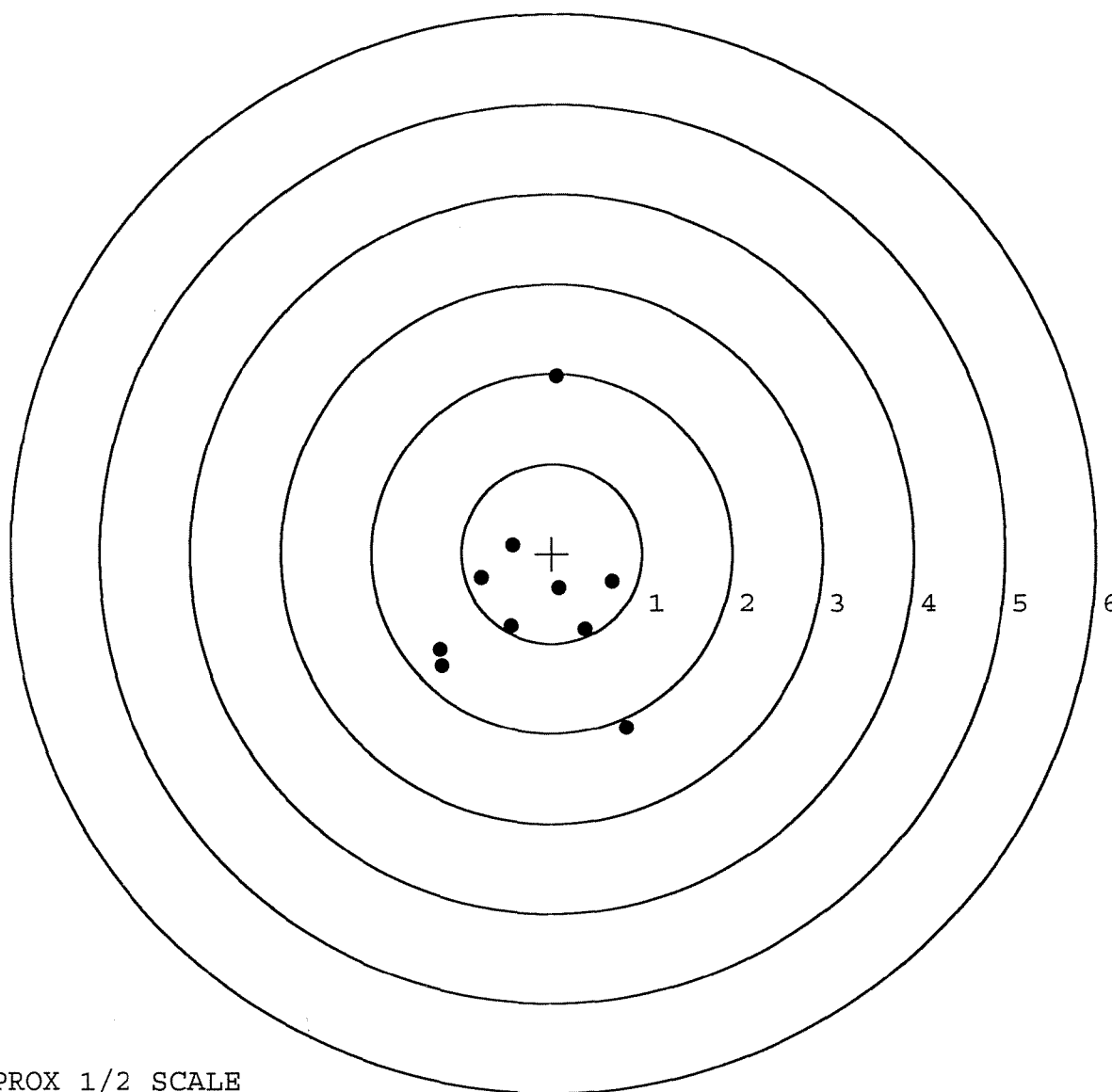
The Average X Centroid of the Five Target Set:	-0.068
The Average Y Centroid of the Five Target Set:	-0.120
The Average Point of Impact of the Five Target Set:	0.138
The Average Mean Radius of the Five Target Set:	0.768
The Distance from POA to Centroid Target #1:	0.531
The Distance from Centroid Target #2 to Centroid Target #1:	0.517
The Distance from Centroid Target #3 to Centroid Target #1:	0.625
The Distance from Centroid Target #4 to Centroid Target #1:	0.412
The Distance from Centroid Target #5 to Centroid Target #1:	0.440

BARBER - M24 0085368

SERIAL NUMBER: G6577106. __0
TARGET NUMBER: 1
FILE DATE: 08/21/2006
FILE TIME: 19:40

X CENTROID: -0.213
Y CENTROID: -0.486
POA TO CENTROID: 0.531
HORZ SPREAD: 2.075
VERT SPREAD: 3.917
GROUP SPREAD: 3.997
MIN RADIUS: 0.308
MAX RADIUS: 2.471
MEAN RADIUS: 1.026
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.043	1.972
2:	-0.439	0.093
3:	-0.785	-0.280
4:	-1.238	-1.082
5:	-1.216	-1.259
6:	-0.453	-0.816
7:	0.078	-0.386
8:	0.667	-0.308
9:	0.376	-0.848
10:	0.837	-1.945



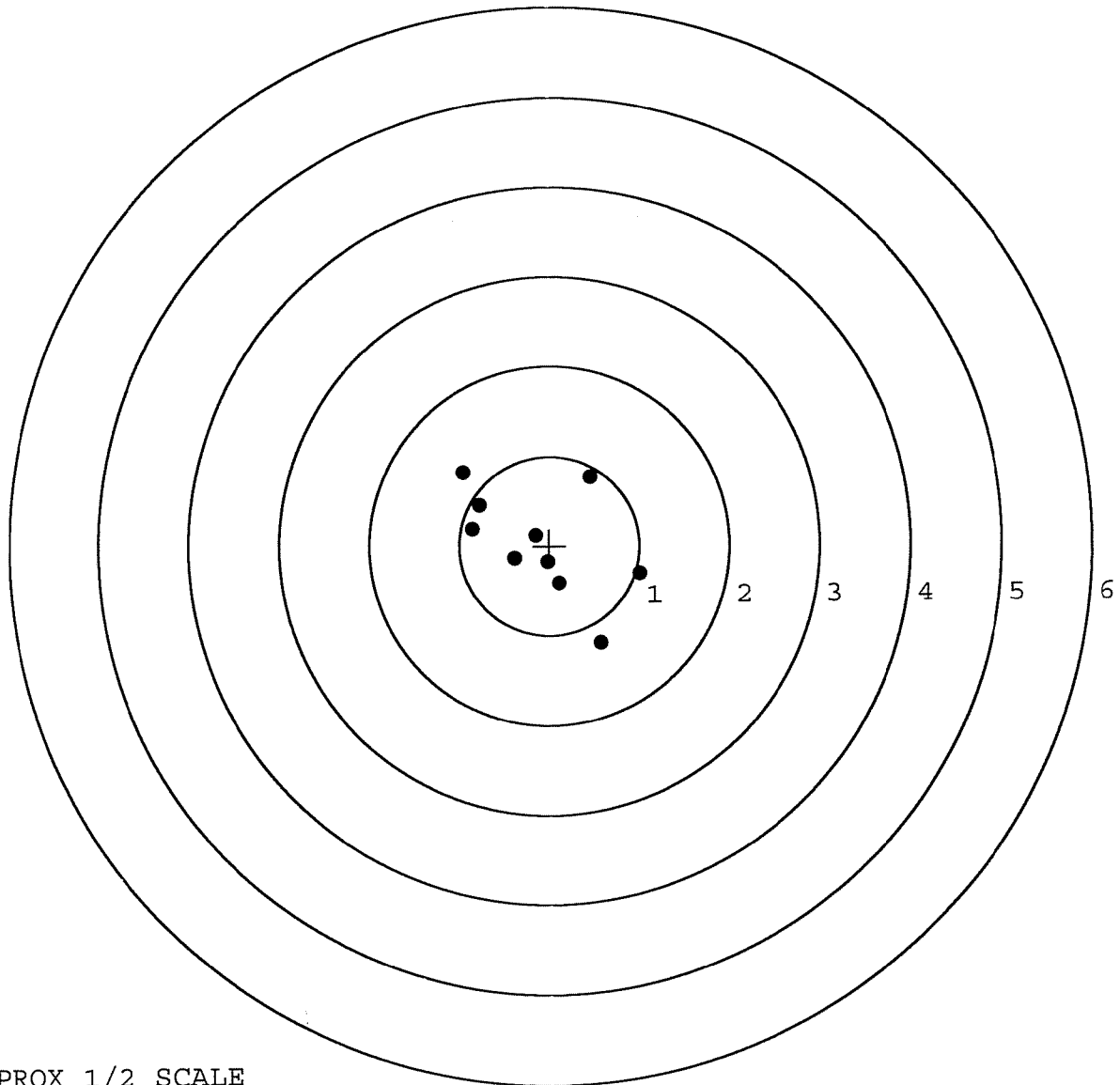
TARGET APPROX 1/2 SCALE

BARBER - M24 0085369

SERIAL NUMBER: G6577106. 0
TARGET NUMBER: 2
FILE DATE: 08/21/2006
FILE TIME: 19:40

X CENTROID: -0.102
Y CENTROID: 0.019
POA TO CENTROID: 0.104
HORZ SPREAD: 1.956
VERT SPREAD: 1.913
GROUP SPREAD: 2.447
MIN RADIUS: 0.113
MAX RADIUS: 1.298
MEAN RADIUS: 0.730
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.457	0.770
2:	1.002	-0.319
3:	0.572	-1.090
4:	-0.954	0.823
5:	-0.779	0.454
6:	-0.860	0.187
7:	-0.158	0.118
8:	-0.391	-0.142
9:	-0.025	-0.186
10:	0.113	-0.422



TARGET APPROX 1/2 SCALE

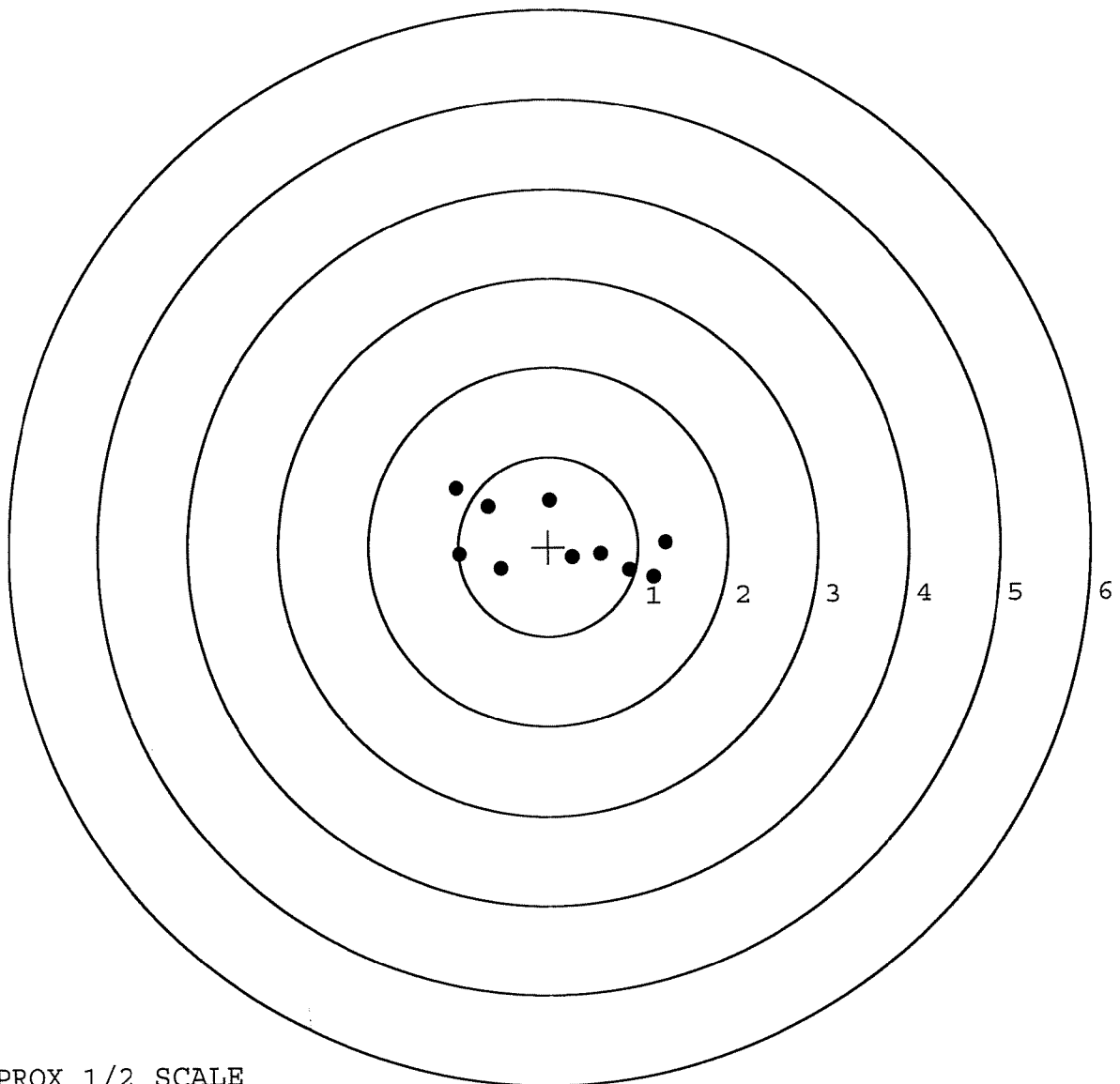
BARBER - M24 0085370

SERIAL NUMBER: G6577106. __0
TARGET NUMBER: 3
FILE DATE: 08/21/2006
FILE TIME: 19:40

X CENTROID: 0.103
Y CENTROID: 0.053
POA TO CENTROID: 0.116
HORZ SPREAD: 2.321
VERT SPREAD: 0.988
GROUP SPREAD: 2.403
MIN RADIUS: 0.239
MAX RADIUS: 1.270
MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.020	0.647
2:	-0.673	0.450
3:	0.016	0.518
4:	-0.987	-0.081
5:	-0.533	-0.243
6:	0.270	-0.117
7:	0.582	-0.084
8:	1.301	0.046
9:	1.171	-0.341
10:	0.901	-0.264



TARGET APPROX 1/2 SCALE

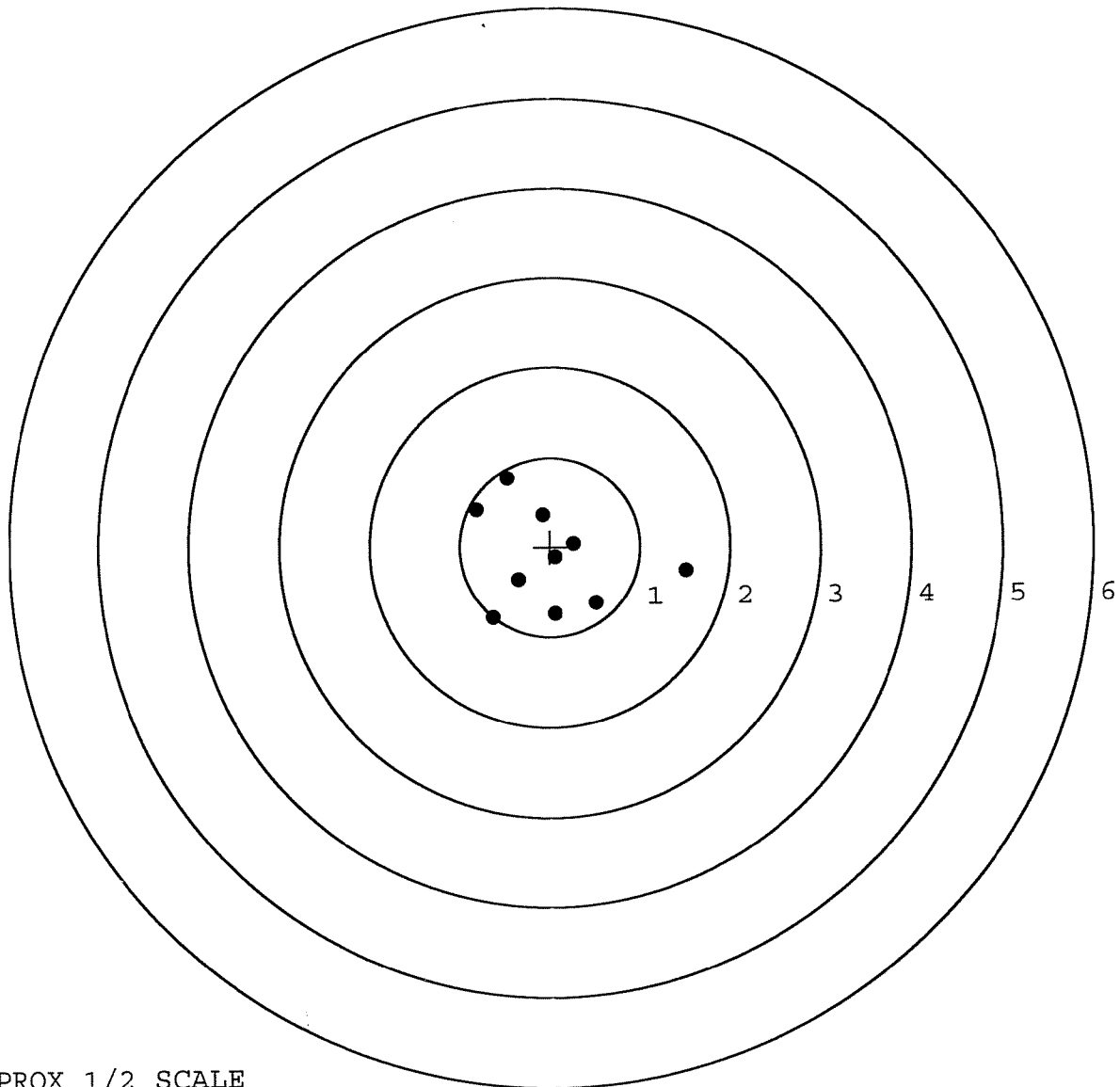
BARBER - M24 0085371

SERIAL NUMBER: G6577106. __0
TARGET NUMBER: 4
FILE DATE: 08/21/2006
FILE TIME: 19:40

X CENTROID: 0.002
Y CENTROID: -0.135
POA TO CENTROID: 0.135
HORZ SPREAD: 2.327
VERT SPREAD: 1.560
GROUP SPREAD: 2.427
MIN RADIUS: 0.058
MAX RADIUS: 1.514
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.476	0.773
2:	-0.817	0.415
3:	-0.084	0.359
4:	0.264	0.037
5:	0.058	-0.118
6:	-0.359	-0.369
7:	-0.638	-0.787
8:	0.058	-0.752
9:	0.507	-0.630
10:	1.510	-0.276



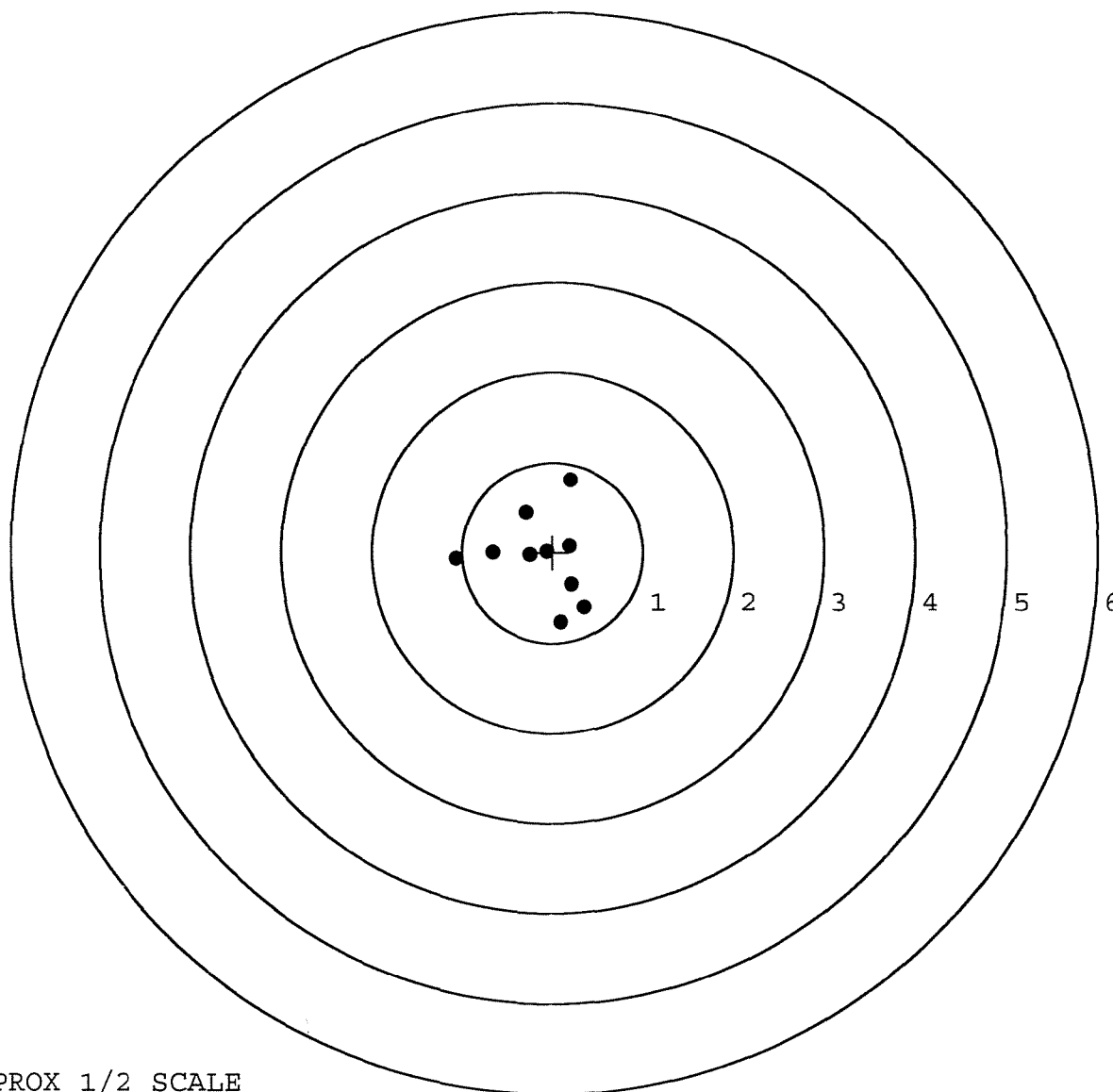
TARGET APPROX 1/2 SCALE

BARBER - M24 0085372

SERIAL NUMBER: G6577106. __0
TARGET NUMBER: 5
FILE DATE: 08/21/2006
FILE TIME: 19:40

POINT#	X	Y
1:	0.194	0.803
2:	-0.303	0.441
3:	-1.073	-0.075
4:	-0.663	-0.009
5:	0.096	-0.775
6:	0.357	-0.607
7:	0.209	-0.359
8:	0.193	0.070
9:	-0.068	0.009
10:	-0.258	-0.033

X CENTROID: -0.132
Y CENTROID: -0.053
POA TO CENTROID: 0.142
HORZ SPREAD: 1.430
VERT SPREAD: 1.578
GROUP SPREAD: 1.541
MIN RADIUS: 0.089
MAX RADIUS: 0.942
MEAN RADIUS: 0.543
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE