

BARBER - M24 0084815

G6577067

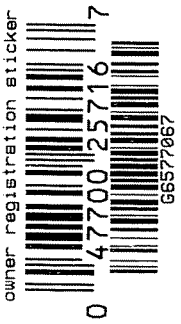
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084815 M2400984854

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
G6577067	
UPC	

BARBER - M24 0084817

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 0084817 84856

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577067

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-9-06	RLC
420	ASSEMBLE ACTION			
430	ASSEMBLE TO STOCK		8-10-06	R.P.
440	PROOF		8-10-06	RLC
460	CHECK HEADSPACE		8-10-06	RLC
470	DIS-ASSEMBLE ACTION		8-10-06	RLC
480	MAGNAFLUX BBL ACTION		8-11-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-21-06	CW
510	DRILL AND TAP SIGHT HOLES		8-10-06	TRC
520	GOFF BLAST BBL / REC		8-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/18/06	LB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-21-06	RP
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-21-06	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-21-06	R.P.
	D) OIL FIRING PIN ASSEMBLY		8-22-06	RR
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			
	2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	DESCRIPTION	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.9</u> <u>6.9</u>	8/24/06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	8/24/06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.027</u>	8/24/06	RA
	J) ASSEMBLE STOCK		8/22/06	RT
	K) ASSEMBLE SWIVEL STUDS		8/28/06	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/22/06	RT
	M) IRON SIGHT ALIGNMENT		8/22/06	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/22/06	RT
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8/22/06	RA
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8/22/06	RA
670	FINAL INSPECTION A) HEADSPACE		8/28/06	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.37</u> <u>2.33</u> <u>2.30</u> <u>2.29</u> <u>2.23</u>	8/24/06	RP
	C) FUNCTION		8/28/06	RT
690	PACK		11/1/06	RA

F004 REV 5/2006

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BARBER - M24 06648984858

BARBER - M24 0084820

AVERAGE 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 8-14-06

TESTER WJH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.46		2.40	
PULL #2	2.47	2.55		2.40	
PULL #3	2.45	2.46		2.40	
PULL #4	2.48	2.41		2.35	
PULL #5	2.57	2.32		2.41	
TOTAL	12.42	12.20		11.96	
AVERAGE	2.48	2.44		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.92	2.85		
PULL #2	3.04	2.92		
PULL #3	3.00	2.89		
PULL #4	2.94	2.90		
PULL #5	2.94	2.95		
TOTAL	14.86	14.51		
AVERAGE	2.97	2.90		

	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	3.97	3.93		4.10
PULL #2	4.05	3.95		4.08
PULL #3	3.95	4.01		4.02
PULL #4	3.99	4.03		4.04
PULL #5	4.01	4.05		4.10
TOTAL	19.97	19.97		20.34
AVERAGE	3.99	3.99		4.07

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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

BARBER - M24 0084820 0084859

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577067.___0
FILE DATE AND TIME: 08/22/2006 19:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

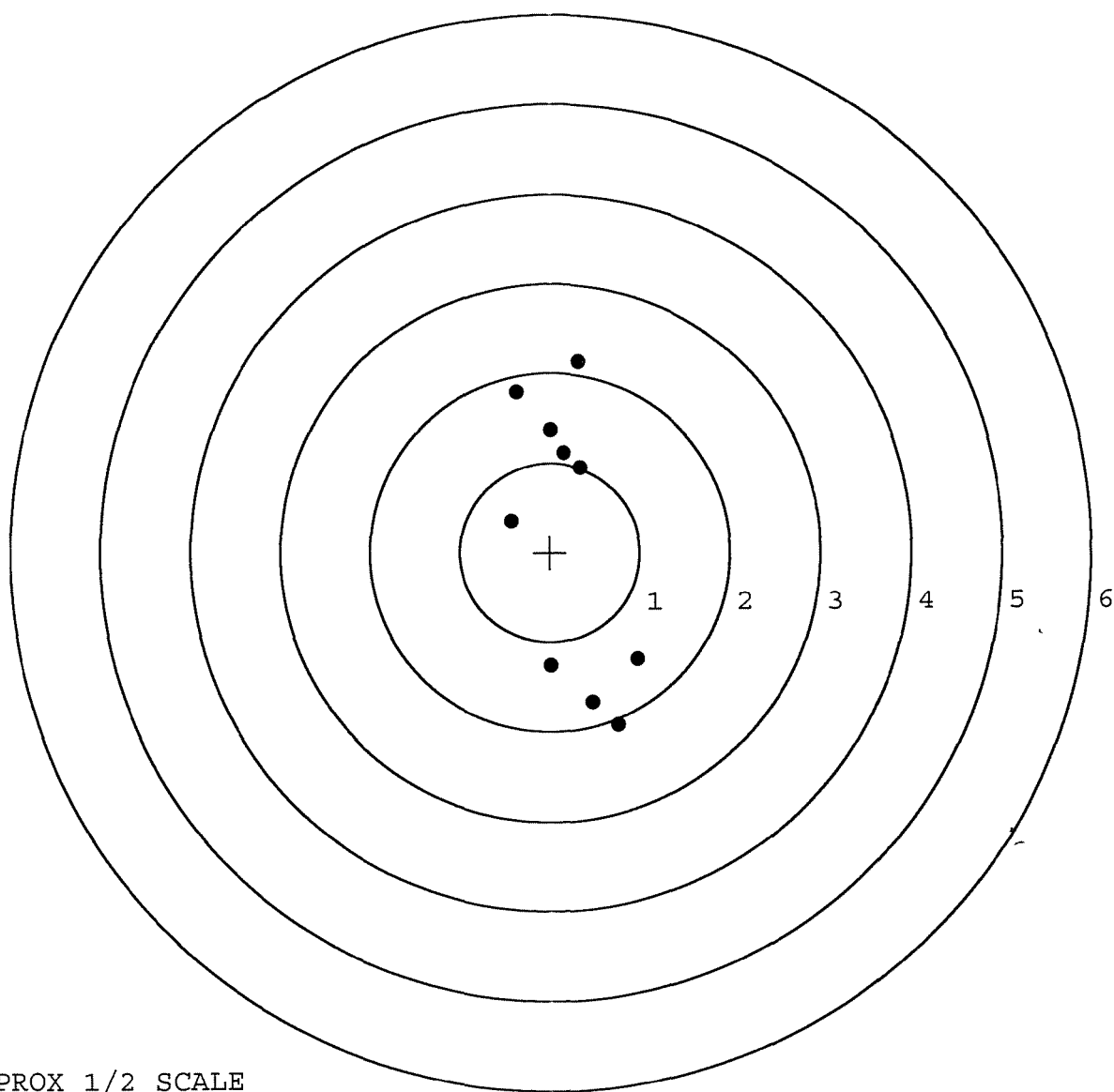
The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.088
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	1.025
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.306
The Distance from Centroid Target #3 to Centroid Target #1:	0.391
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.494

BARBER - M24 0084822

SERIAL NUMBER: G6577067. __0
 TARGET NUMBER: 1
 FILE DATE: 08/22/2006
 FILE TIME: 19:53

X CENTROID: 0.223
 Y CENTROID: 0.160
 POA TO CENTROID: 0.275
 HORZ SPREAD: 1.411
 VERT SPREAD: 4.052
 GROUP SPREAD: 4.075
 MIN RADIUS: 0.684
 MAX RADIUS: 2.159
 MEAN RADIUS: 1.437
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.977	-1.197
2:	0.759	-1.931
3:	0.479	-1.678
4:	0.009	-1.272
5:	-0.434	0.350
6:	0.324	2.121
7:	-0.379	1.786
8:	-0.002	1.362
9:	0.346	0.948
10:	0.154	1.111



TARGET APPROX 1/2 SCALE

BARBER - M24 0084823

SERIAL NUMBER: G6577067. __0

TARGET NUMBER: 2

FILE DATE: 08/22/2006

FILE TIME: 19:53

X CENTROID: -0.076

Y CENTROID: 0.096

POA TO CENTROID: 0.122

HORZ SPREAD: 1.989

VERT SPREAD: 2.349

GROUP SPREAD: 2.764

MIN RADIUS: 0.238

MAX RADIUS: 1.703

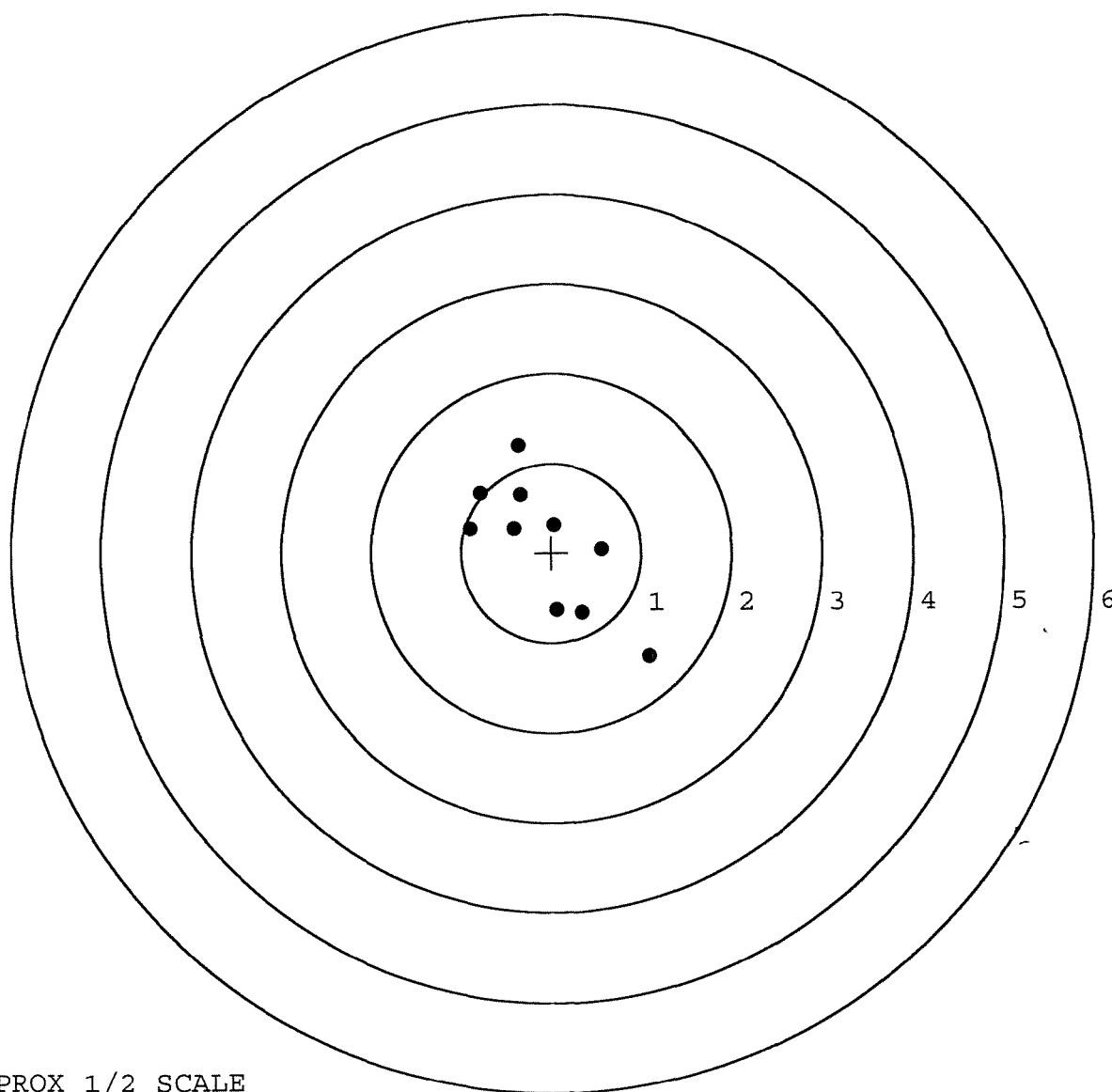
MEAN RADIUS: 0.812

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.087	-1.148
2:	0.345	-0.669
3:	0.059	-0.643
4:	0.565	0.045
5:	0.021	0.313
6:	-0.370	1.201
7:	-0.348	0.649
8:	-0.424	0.269
9:	-0.789	0.673
10:	-0.902	0.269



TARGET APPROX 1/2 SCALE

BARBER - M24 0084824

SERIAL NUMBER: G6577067. __0

TARGET NUMBER: 3

FILE DATE: 08/22/2006

FILE TIME: 19:53

X CENTROID: -0.111

Y CENTROID: 0.363

POA TO CENTROID: 0.379

HORZ SPREAD: 2.437

VERT SPREAD: 2.022

GROUP SPREAD: 2.563

MIN RADIUS: 0.633

MAX RADIUS: 1.457

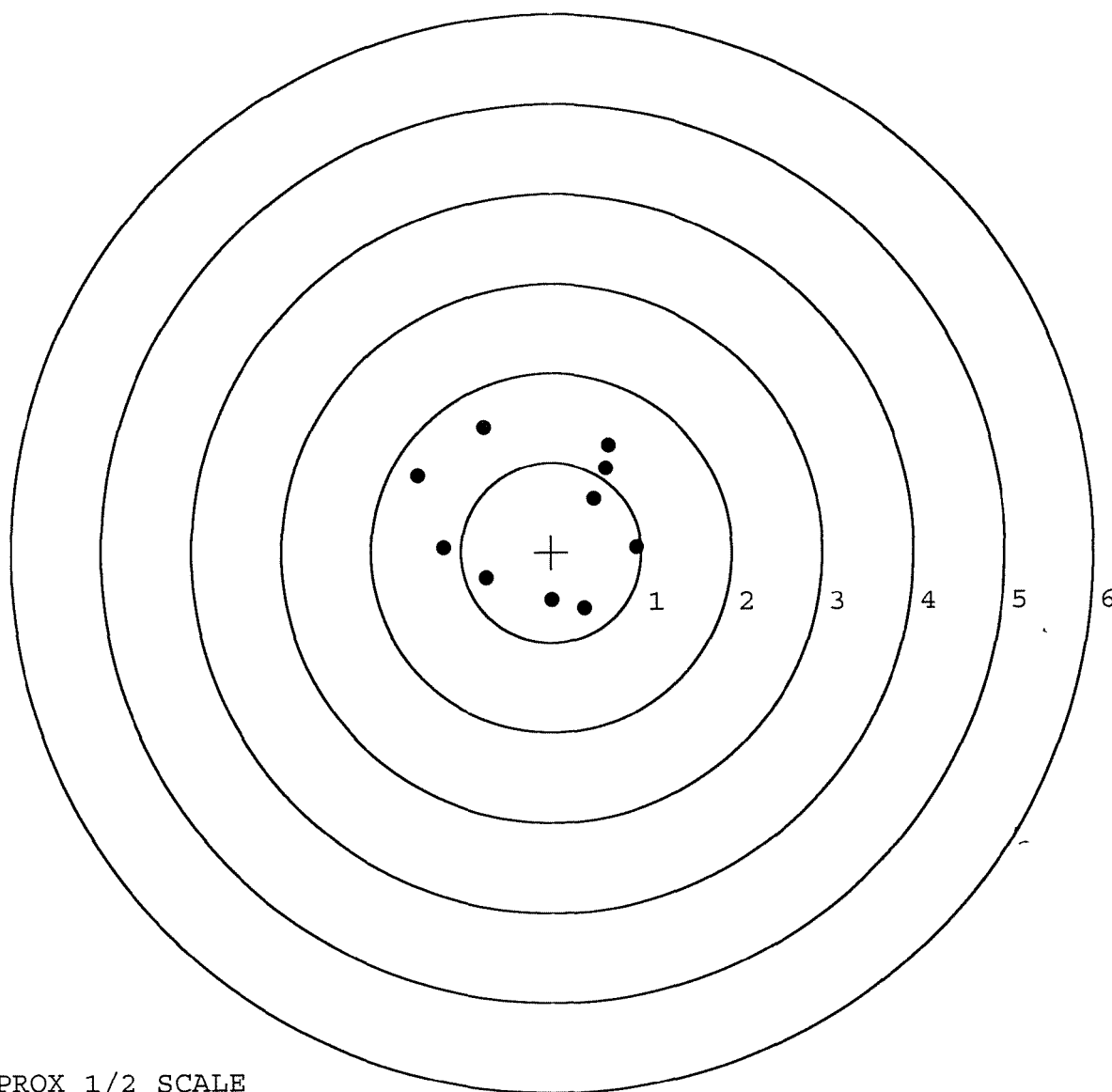
MEAN RADIUS: 1.048

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.952	-0.054
2:	0.370	-0.626
3:	-0.004	-0.538
4:	-0.723	-0.286
5:	-1.195	0.051
6:	-0.749	1.396
7:	-1.485	0.847
8:	0.644	1.194
9:	0.608	0.939
10:	0.477	0.598



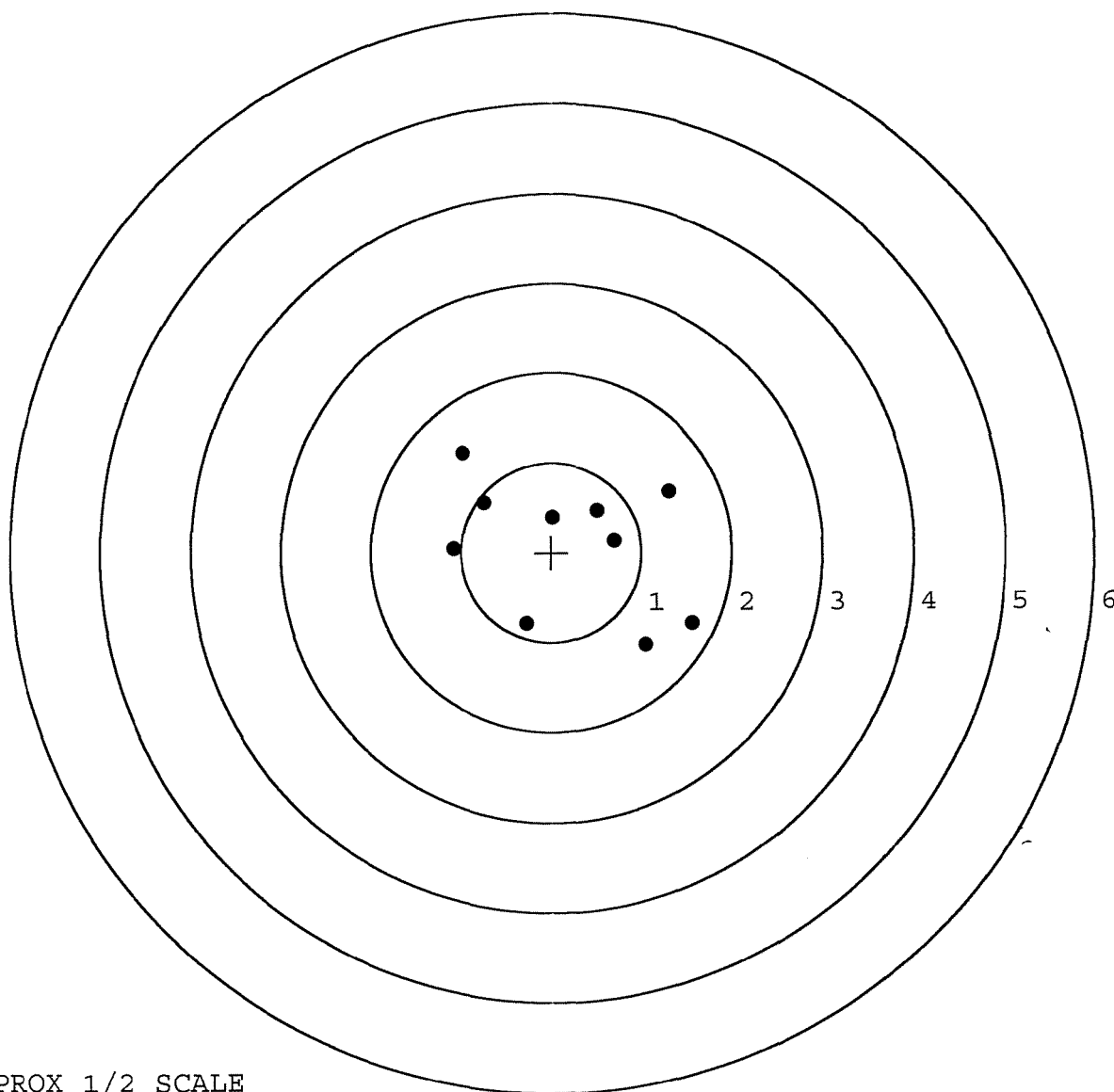
TARGET APPROX 1/2 SCALE

BARBER - M24 0084825

SERIAL NUMBER: G6577067. __0
 TARGET NUMBER: 4
 FILE DATE: 08/22/2006
 FILE TIME: 19:53

X CENTROID: 0.204
 Y CENTROID: 0.076
 POA TO CENTROID: 0.218
 HORZ SPREAD: 2.650
 VERT SPREAD: 2.137
 GROUP SPREAD: 3.177
 MIN RADIUS: 0.371
 MAX RADIUS: 1.613
 MEAN RADIUS: 1.056
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.565	-0.789
2:	1.049	-1.033
3:	-0.285	-0.796
4:	1.305	0.679
5:	0.706	0.139
6:	0.510	0.467
7:	0.011	0.393
8:	-1.085	0.046
9:	-0.750	0.554
10:	-0.986	1.104



TARGET APPROX 1/2 SCALE

BARBER - M24 0084826

SERIAL NUMBER: G6577067. __0

TARGET NUMBER: 5

FILE DATE: 08/22/2006

FILE TIME: 19:53

X CENTROID: -0.045

Y CENTROID: -0.255

POA TO CENTROID: 0.259

HORZ SPREAD: 1.473

VERT SPREAD: 2.252

GROUP SPREAD: 2.254

MIN RADIUS: 0.235

MAX RADIUS: 1.206

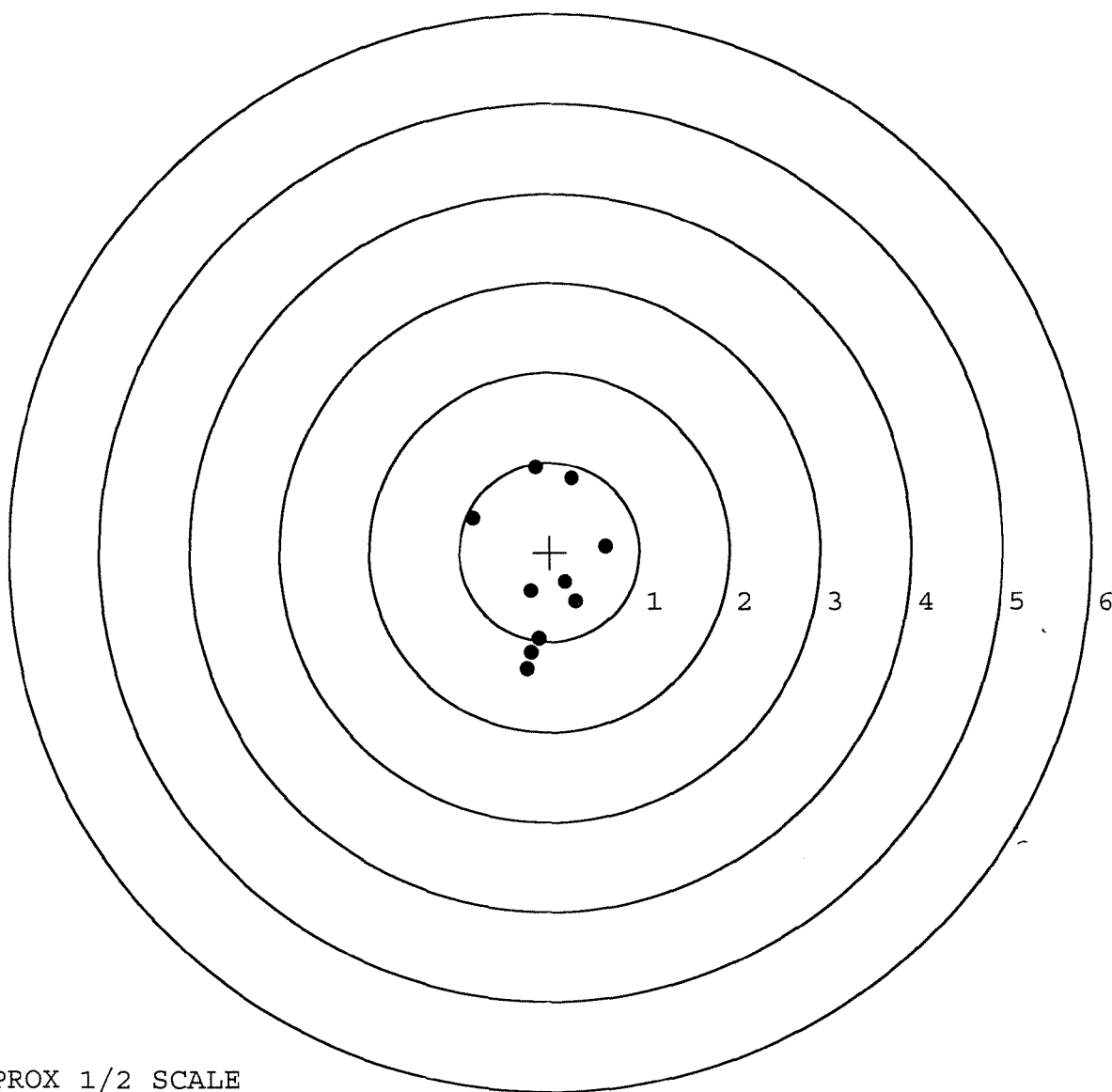
MEAN RADIUS: 0.771

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.246	-0.822
2:	-0.162	0.945
3:	-0.848	0.369
4:	0.625	0.063
5:	-0.213	-0.442
6:	0.296	-0.557
7:	0.175	-0.339
8:	-0.116	-0.978
9:	-0.201	-1.129
10:	-0.249	-1.307



TARGET APPROX 1/2 SCALE