

BARBER - M24 0085708

G6577129
Replaced
G6296713

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0085708 M2400085747

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577129.___0
FILE DATE AND TIME: 07/13/2006 17:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.063
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.706
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.220
The Distance from Centroid Target #5 to Centroid Target #1:	0.210

BARBER - M24 0085711

SERIAL NUMBER: G6577129. __0

TARGET NUMBER: 1

FILE DATE: 07/13/2006

FILE TIME: 17:47

POINT#	X	Y
1:	-0.863	0.670
2:	-0.775	0.167
3:	-0.492	-0.111
4:	-0.373	0.231
5:	-0.052	0.367
6:	-0.153	-0.438
7:	0.254	-0.118
8:	0.422	0.059
9:	0.785	0.428
10:	0.270	-1.343

X CENTROID: -0.098

Y CENTROID: -0.009

POA TO CENTROID: 0.098

HORZ SPREAD: 1.648

VERT SPREAD: 2.013

GROUP SPREAD: 2.310

MIN RADIUS: 0.365

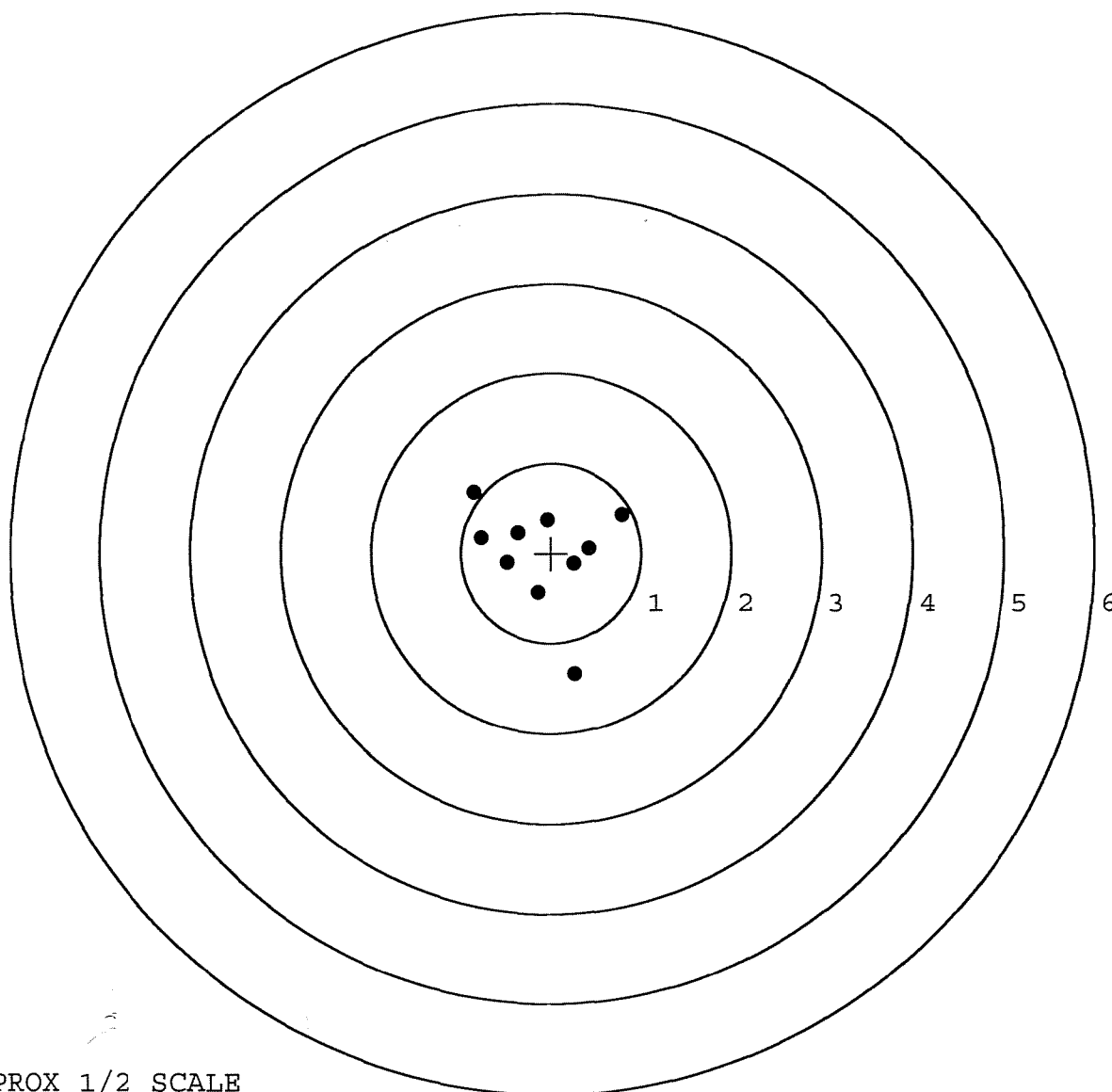
MAX RADIUS: 1.384

MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



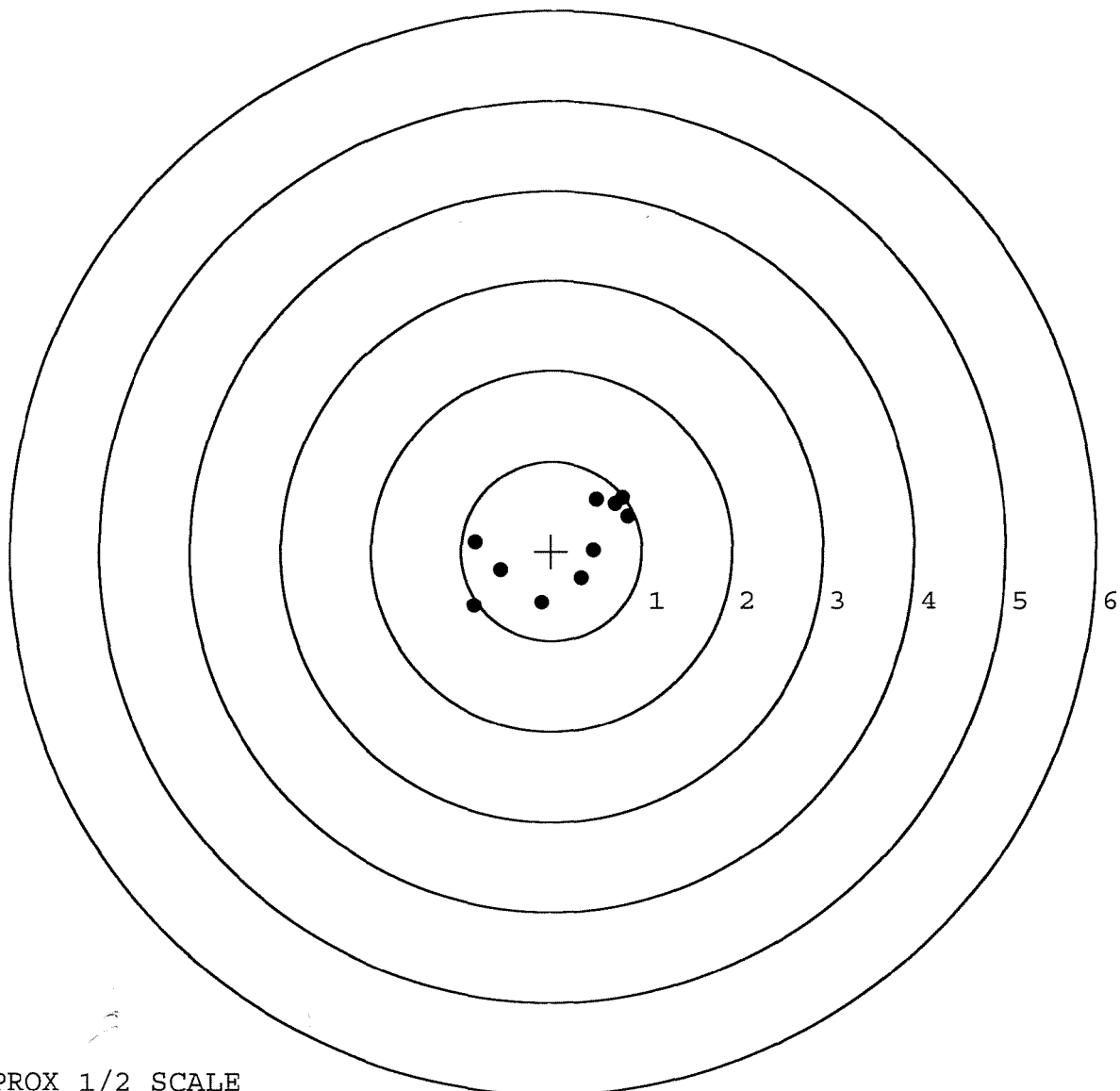
TARGET APPROX 1/2 SCALE

BARBER - M24 0085712

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 2
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	-0.850	0.105
2:	-0.561	-0.213
3:	-0.855	-0.613
4:	-0.112	-0.580
5:	0.338	-0.300
6:	0.471	0.017
7:	0.843	0.390
8:	0.785	0.597
9:	0.703	0.532
10:	0.498	0.574

X CENTROID: 0.126
Y CENTROID: 0.051
POA TO CENTROID: 0.136
HORZ SPREAD: 1.698
VERT SPREAD: 1.210
GROUP SPREAD: 2.038
MIN RADIUS: 0.347
MAX RADIUS: 1.185
MEAN RADIUS: 0.737
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



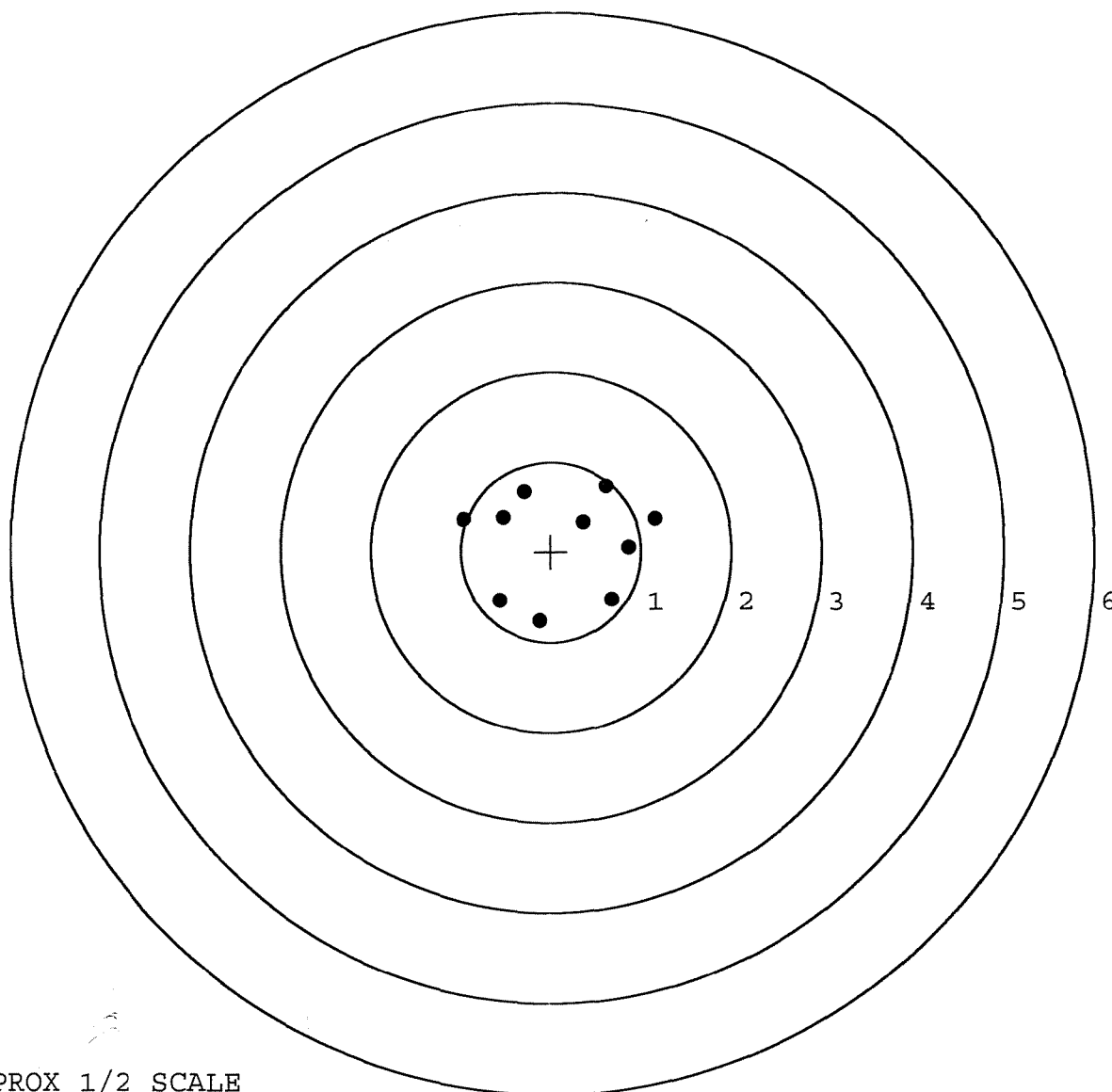
TARGET APPROX 1/2 SCALE

BARBER - M24 0085713

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 3
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	-0.976	0.348
2:	-0.538	0.371
3:	-0.303	0.661
4:	0.356	0.325
5:	0.609	0.730
6:	1.149	0.365
7:	0.865	0.048
8:	0.676	-0.527
9:	-0.125	-0.768
10:	-0.565	-0.548

X CENTROID: 0.115
Y CENTROID: 0.101
POA TO CENTROID: 0.153
HORZ SPREAD: 2.125
VERT SPREAD: 1.498
GROUP SPREAD: 2.125
MIN RADIUS: 0.330
MAX RADIUS: 1.119
MEAN RADIUS: 0.816
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

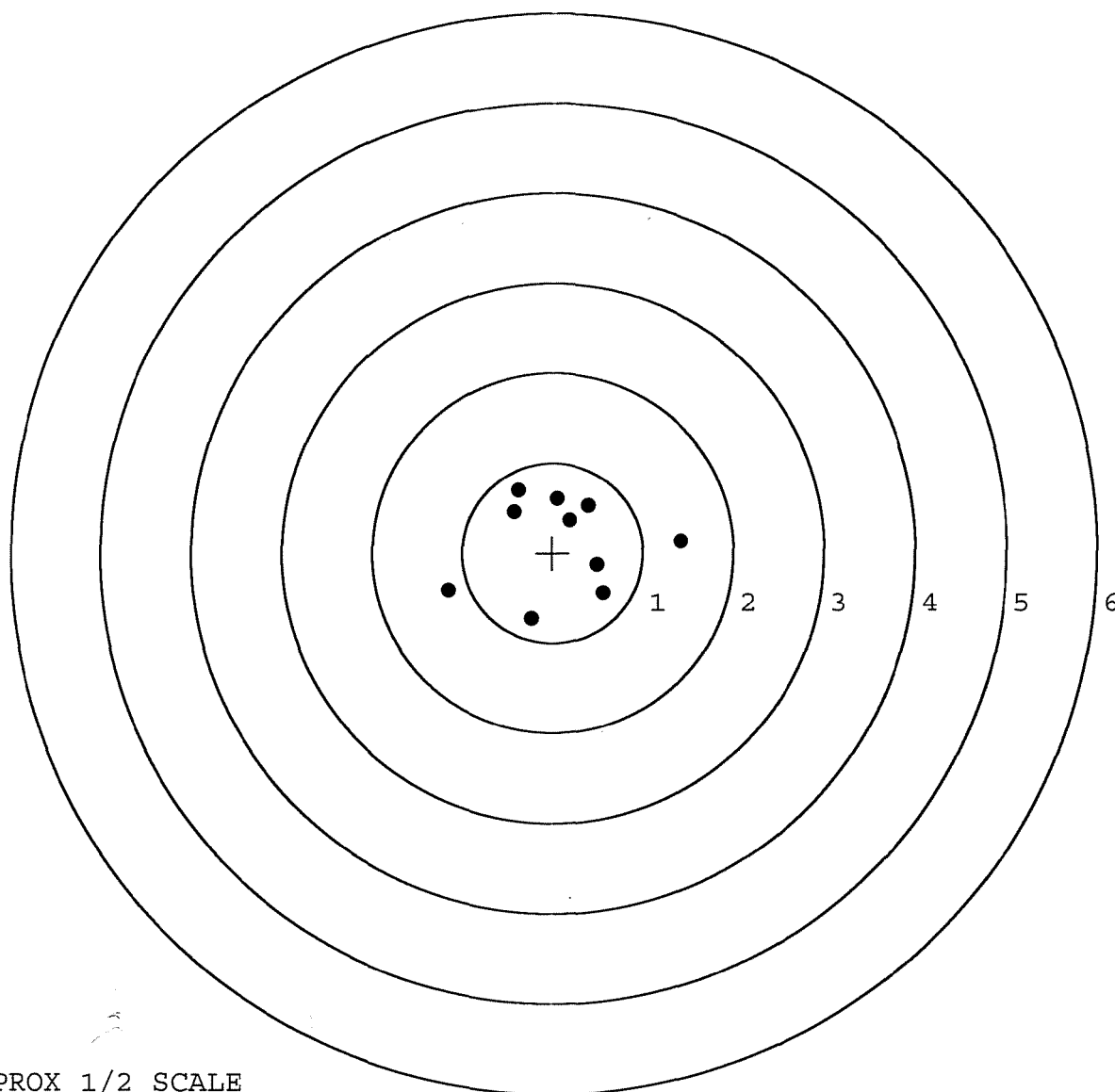
BARBER - M24 0085714

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 4
FILE DATE: 07/13/2006
FILE TIME: 17:47

X CENTROID: 0.090
Y CENTROID: 0.106
POA TO CENTROID: 0.139
HORZ SPREAD: 2.571
VERT SPREAD: 1.437
GROUP SPREAD: 2.631
MIN RADIUS: 0.277
MAX RADIUS: 1.354
MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.432	0.459
2:	-0.380	0.698
3:	0.051	0.603
4:	0.189	0.364
5:	0.395	0.529
6:	0.497	-0.133
7:	0.562	-0.440
8:	1.414	0.137
9:	-0.238	-0.739
10:	-1.157	-0.422



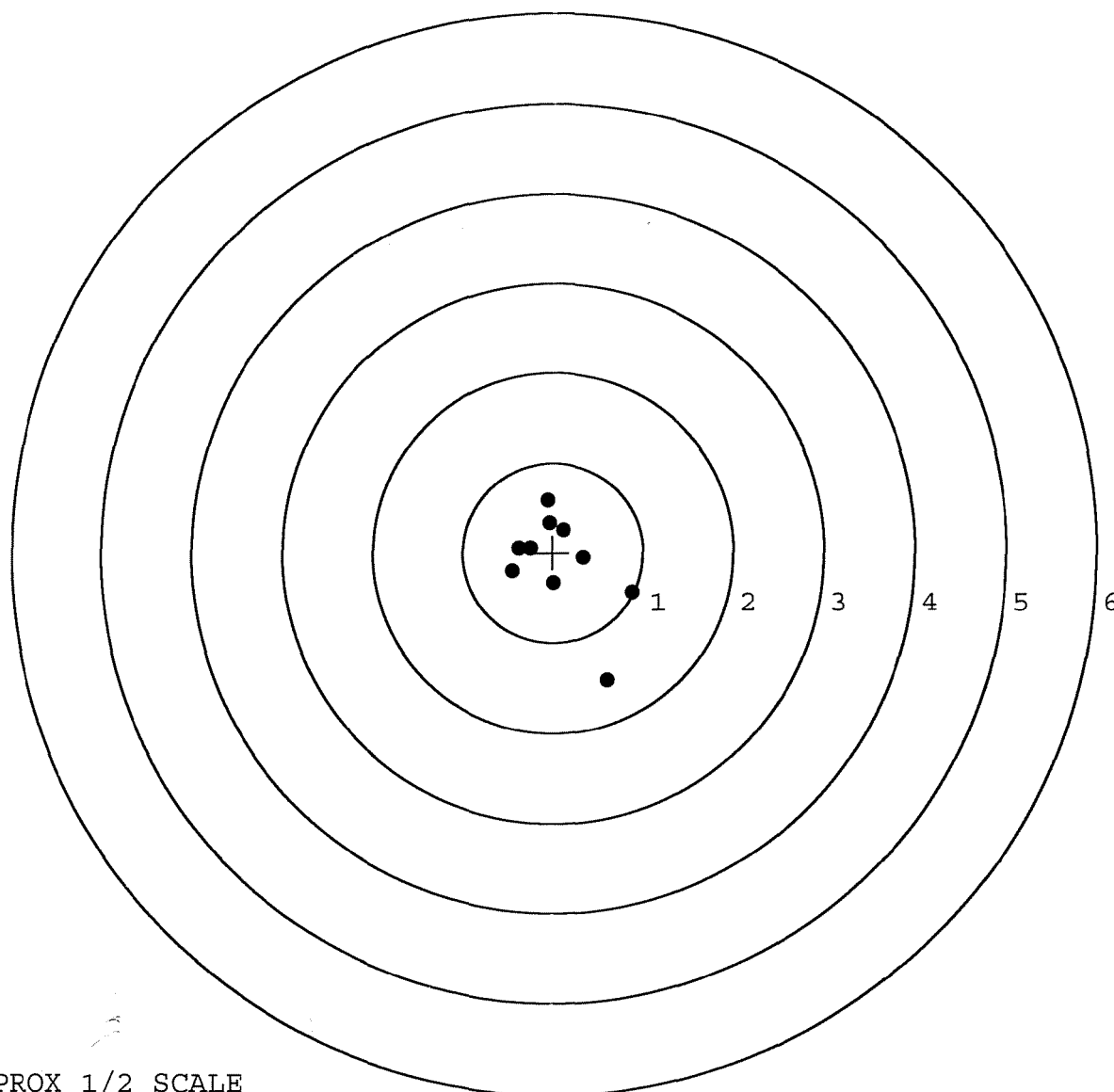
TARGET APPROX 1/2 SCALE

BARBER - M24 0085715

SERIAL NUMBER: G6577129. __0
TARGET NUMBER: 5
FILE DATE: 07/13/2006
FILE TIME: 17:47

POINT#	X	Y
1:	0.884	-0.445
2:	0.613	-1.414
3:	-0.448	-0.213
4:	0.013	-0.342
5:	-0.379	0.050
6:	0.346	-0.057
7:	0.118	0.247
8:	-0.064	0.583
9:	-0.042	0.329
10:	-0.247	0.050

X CENTROID: 0.079
Y CENTROID: -0.121
POA TO CENTROID: 0.145
HORZ SPREAD: 1.332
VERT SPREAD: 1.997
GROUP SPREAD: 2.109
MIN RADIUS: 0.231
MAX RADIUS: 1.399
MEAN RADIUS: 0.572
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	113233			
SERIAL NUMBER	G6296713		G6577129 (NEW)	
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-5-06	BLC
505	RE-BARREL		7-5-06	BLC
560	ASSEMBLE		7-5-06	BLC
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	WTH
605	CHECK HEADSPACE		7-5-06	WTH
610	DIS-ASSEMBLE GUN	JUL 06 2006	7-6-06	BLC
612	MAGNAFLUX	OPERATOR <i>WTH</i>	7/6/06	WTH
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	W
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7-7	HP
625	FINAL ASSEMBLY		7-11-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	7-13-06	WTH
650	TARGET	PASS FAIL	7-13-06	WTH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-27-06	Ac
	A) HEADSPACE	PASS FAIL	7-27-06	Ac
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.51 2.49 2.43 2.44 2.67	7-14-06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 7.0 7.0	7-14-06 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0	7-14-06 RA
	I) FIRING PIN INDENT	.020	.022 .021 .022	7-14-06 RA
690	PACK		8-1-06	RA

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

Remington®

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

Serial No. **66296713**
Order No. **25716**
DD **09XX**

Made in Illion. NY Reg. U.S. Pat & tm. Off. Marca Registrada Marque Deposee.


5716 66296713

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



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



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

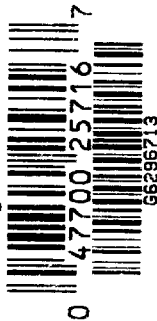
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



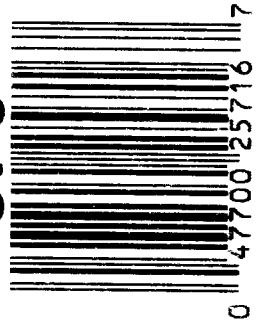
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6296713

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66296713

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-13-03	Ac
607	CHECK HEADSPACE	INSPECTED	11-13-03	Ac
610	DIS-ASSEMBLE GUN	NOV 15 2003	11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-13-03	JS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRL
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/20/03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/20/03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/20/03	RW
	D) OIL FIRING PIN ASSEMBLY		11/20/03	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OPERATOR: 1210005720			READINGS			DATE	INITIAL		
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5	7	8	12/4/03	RW		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	2	2	2	12/4/03	RW		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	.023	.023	.023	12/4/03	RW		
	J) ASSEMBLE STOCK					11/20/03	RW		
	K) ASSEMBLE SWIVEL STUDS					12-6-03	RTZ		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11/20/03	RW		
	M) IRON SIGHT ALIGNMENT					11/20/03	RW		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11/20/03	RW		
640	GALLERY TEST AND TARGET		PASS		FAIL	12-1-03	A		
	MALFUNCTION		CORRECTION			12-1-03	A		
	MALFUNCTION		CORRECTION			12-1-03	A		
	MALFUNCTION		CORRECTION			12-1-03	A		
	MALFUNCTION		CORRECTION			12-1-03	A		
645	INSPECT FOR LIVE AMMO					12-1-03	A		
655	FINAL INSPECTION A) HEADSPACE					12-6-03	RTZ		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	263	279	272	268	270	12-6-03	RTZ
	C) FUNCTION					12-6-03	RTZ		
660	PACK					12/8/03	BA		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
BARBER - M24 0085721

SERIAL NO. _____

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 11-20-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.88		2.28	
PULL #2	2.52	2.75		2.54	
PULL #3	2.13	2.75		2.77	
PULL #4	2.43	2.64		2.72	
PULL #5	2.44	2.93		2.71	
TOTAL	12.05	13.95		13.02	
AVERAGE	2.41	2.79		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.48		
PULL #2	3.20	2.77		
PULL #3	3.27	2.84		
PULL #4	3.17	3.09		
PULL #5	3.05	3.14		
TOTAL	16.01	15.32		
AVERAGE	3.20	3.06		

	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	3.92		3.78
PULL #2	4.13	4.12		4.26
PULL #3	4.02	4.11		4.05
PULL #4	4.09	3.91		4.06
PULL #5	4.31	3.94		4.08
TOTAL	20.65	20.00		20.23
AVERAGE	4.13	4.00		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296713.___0
FILE DATE AND TIME: 12/01/2003 10:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

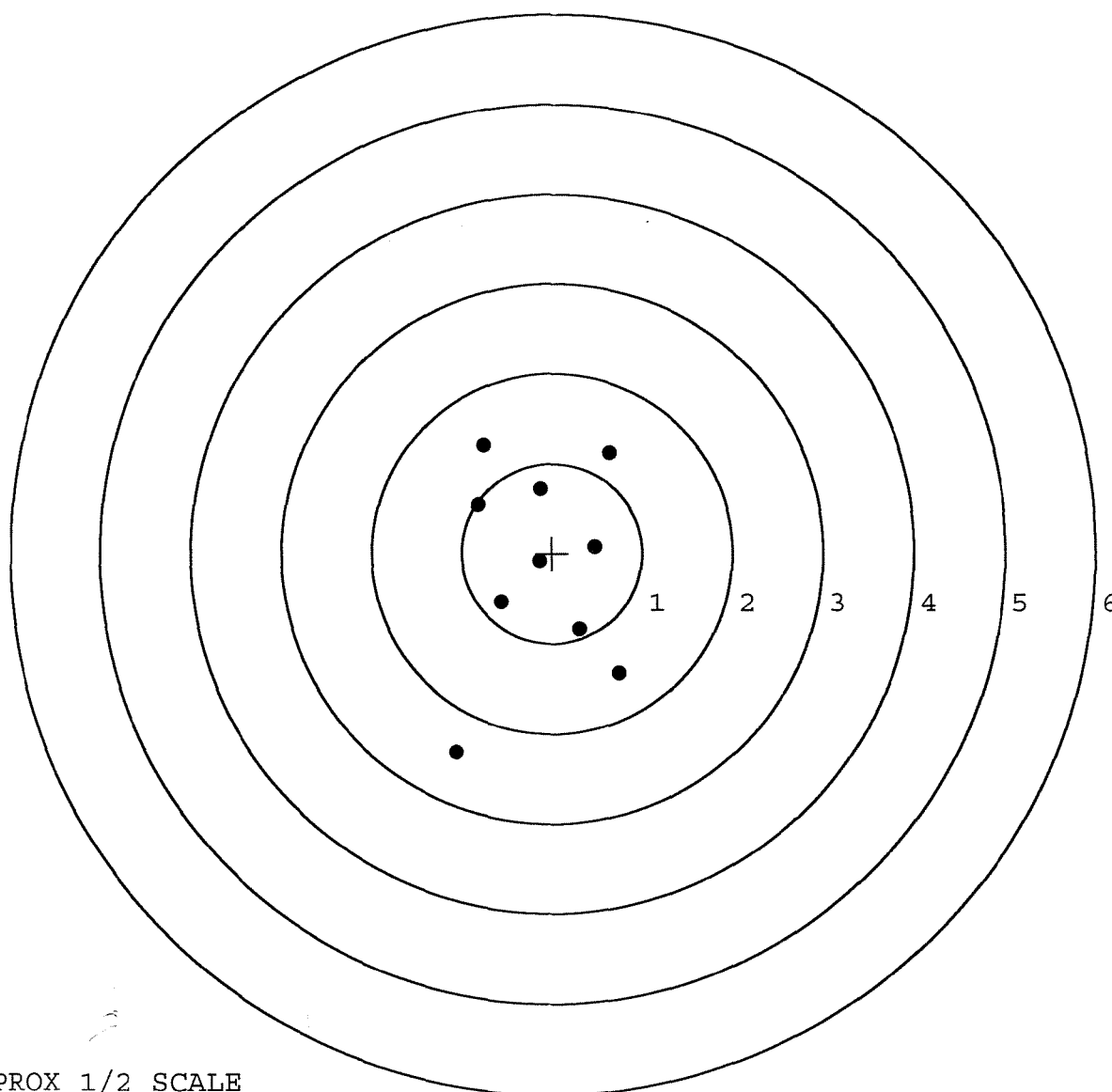
The Average X Centroid of the Five Target Set:	-0.005
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.778
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.279
The Distance from Centroid Target #4 to Centroid Target #1:	0.369
The Distance from Centroid Target #5 to Centroid Target #1:	0.254

BARBER - M24 0085723

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 1
FILE DATE: 12/01/2003
FILE TIME: 10:47

X CENTROID: -0.131
Y CENTROID: -0.142
POA TO CENTROID: 0.193
HORZ SPREAD: 1.810
VERT SPREAD: 3.413
GROUP SPREAD: 3.739
MIN RADIUS: 0.051
MAX RADIUS: 2.273
MEAN RADIUS: 1.063
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.766	1.196
2:	0.639	1.115
3:	-0.134	0.707
4:	-0.821	0.527
5:	0.476	0.072
6:	-0.141	-0.092
7:	-0.562	-0.547
8:	0.307	-0.851
9:	0.753	-1.327
10:	-1.057	-2.217



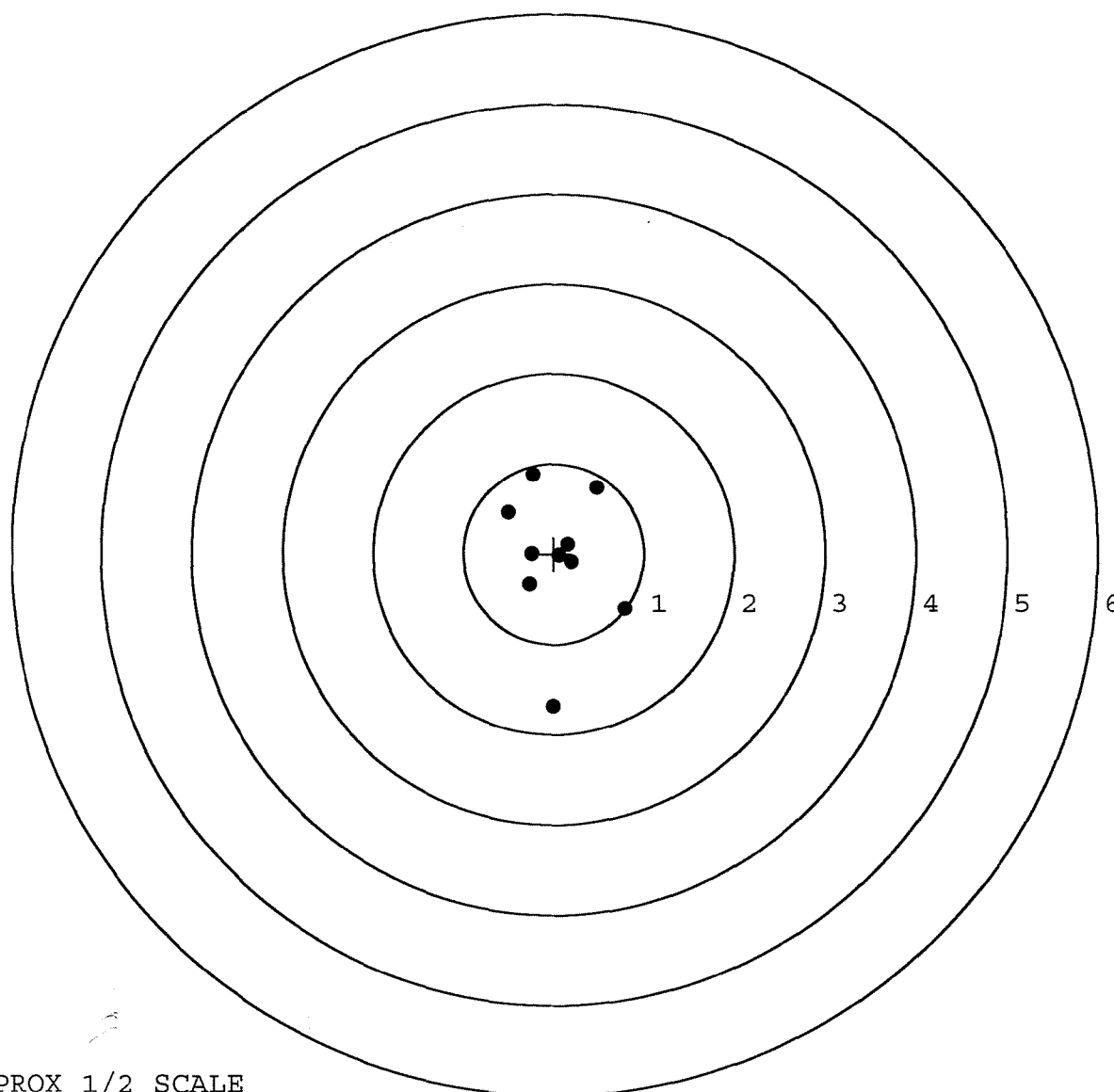
TARGET APPROX 1/2 SCALE

BARBER - M24 0085724

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 2
FILE DATE: 12/01/2003
FILE TIME: 10:47

X CENTROID: 0.041
Y CENTROID: -0.061
POA TO CENTROID: 0.073
HORZ SPREAD: 1.294
VERT SPREAD: 2.568
GROUP SPREAD: 2.579
MIN RADIUS: 0.037
MAX RADIUS: 1.631
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.474	0.732
2:	-0.237	0.877
3:	-0.504	0.456
4:	0.790	-0.607
5:	0.000	-1.691
6:	-0.271	-0.345
7:	-0.251	-0.005
8:	0.156	0.101
9:	0.196	-0.098
10:	0.054	-0.026



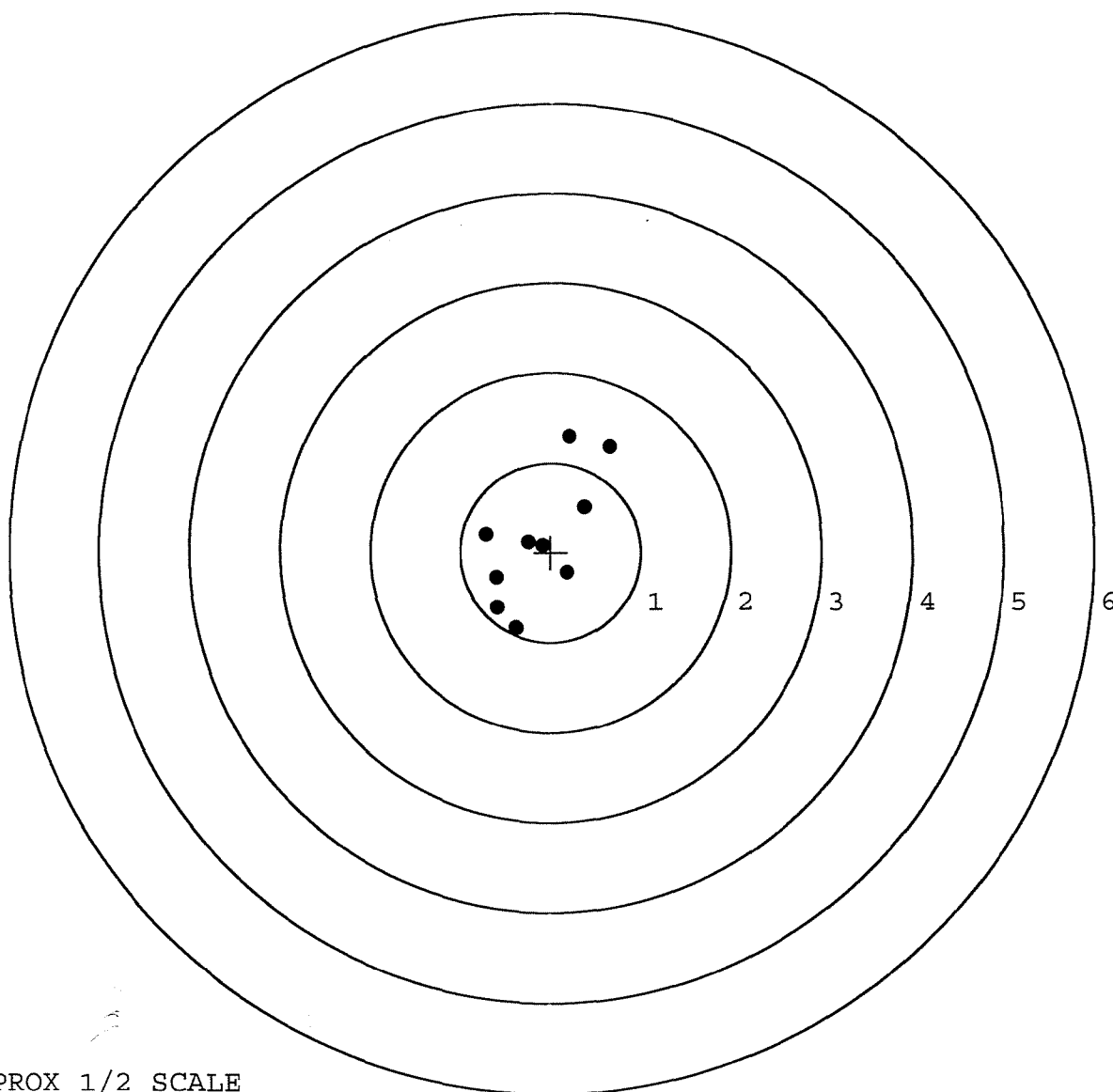
TARGET APPROX 1/2 SCALE

BARBER - M24 0085725

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 3
FILE DATE: 12/01/2003
FILE TIME: 10:47

X CENTROID: -0.121
Y CENTROID: 0.137
POA TO CENTROID: 0.183
HORZ SPREAD: 1.370
VERT SPREAD: 2.143
GROUP SPREAD: 2.280
MIN RADIUS: 0.068
MAX RADIUS: 1.300
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.202	1.292
2:	0.655	1.180
3:	0.375	0.500
4:	0.184	-0.227
5:	-0.087	0.078
6:	-0.715	0.198
7:	-0.601	-0.290
8:	-0.380	-0.851
9:	-0.590	-0.623
10:	-0.252	0.115



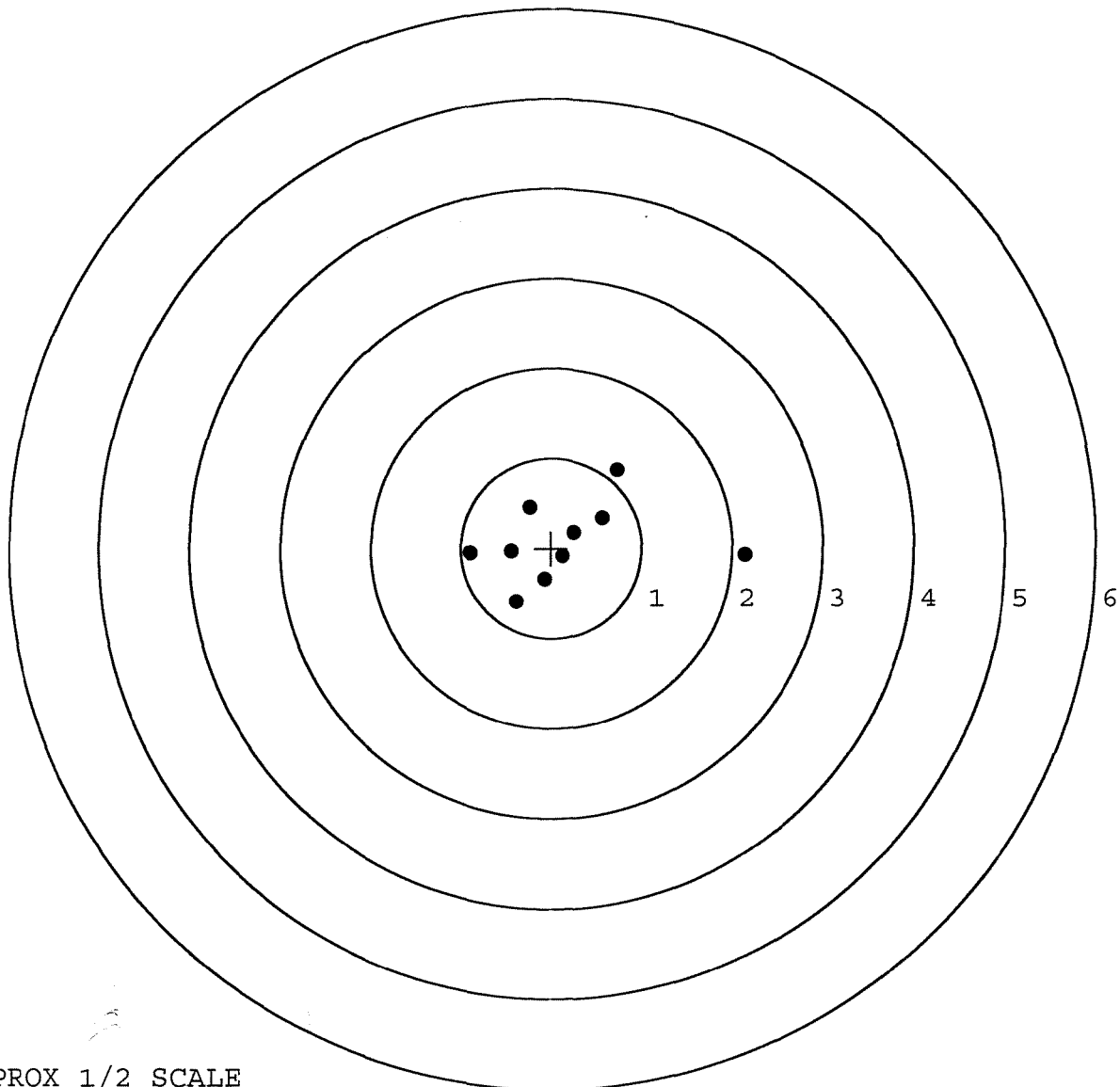
TARGET APPROX 1/2 SCALE

BARBER - M24 0085726

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 4
FILE DATE: 12/01/2003
FILE TIME: 10:47

X CENTROID: 0.176
Y CENTROID: 0.063
POA TO CENTROID: 0.187
HORZ SPREAD: 3.040
VERT SPREAD: 1.469
GROUP SPREAD: 3.040
MIN RADIUS: 0.135
MAX RADIUS: 1.971
MEAN RADIUS: 0.735
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.728	0.873
2:	0.566	0.334
3:	0.252	0.174
4:	0.127	-0.088
5:	-0.074	-0.352
6:	-0.392	-0.596
7:	-0.444	-0.035
8:	-0.898	-0.054
9:	-0.244	0.449
10:	2.142	-0.080



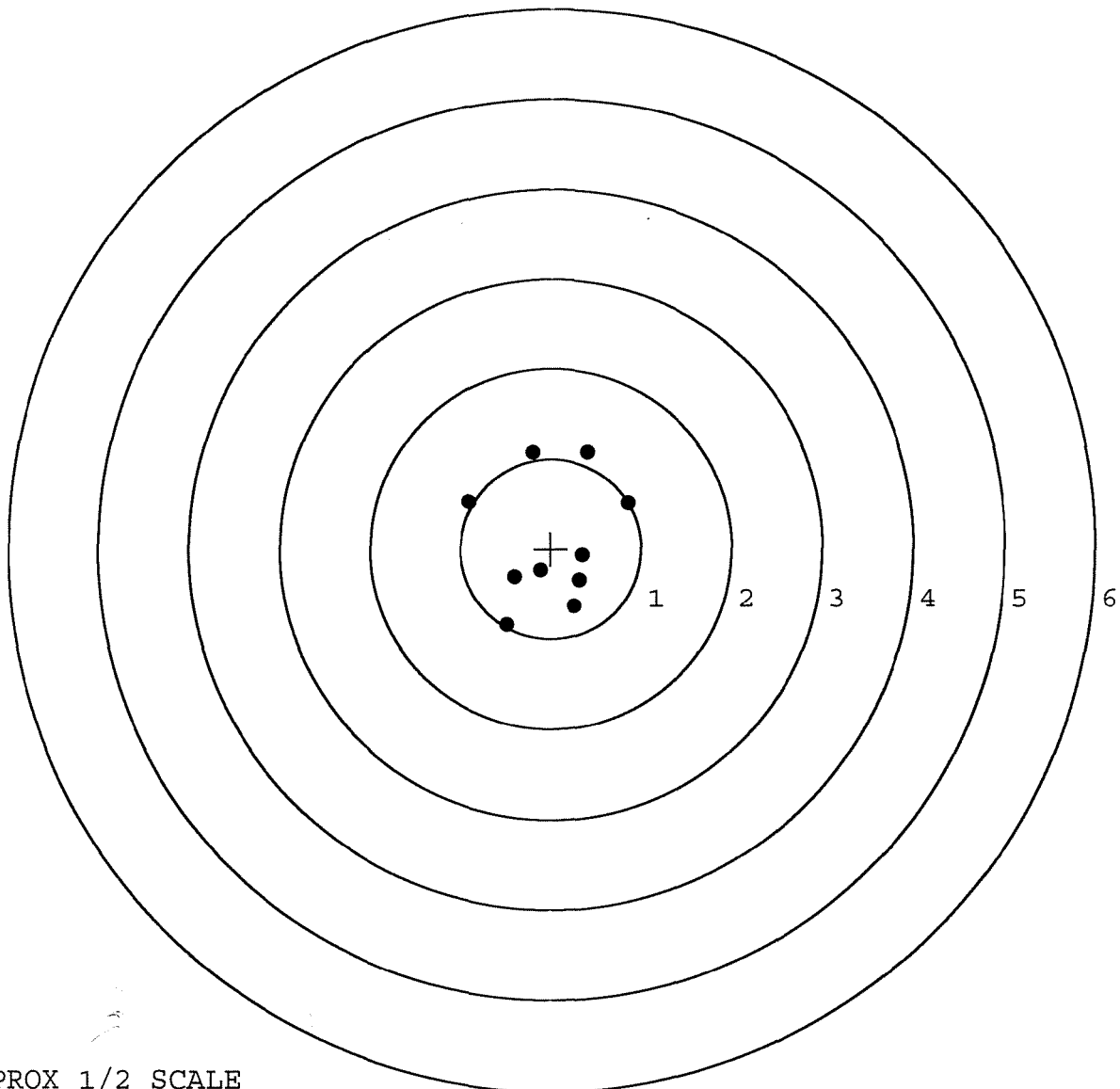
TARGET APPROX 1/2 SCALE

BARBER - M24 0085727

SERIAL NUMBER: G6296713. __0
TARGET NUMBER: 5
FILE DATE: 12/01/2003
FILE TIME: 10:47

X CENTROID: 0.009
Y CENTROID: 0.071
POA TO CENTROID: 0.072
HORZ SPREAD: 1.768
VERT SPREAD: 1.924
GROUP SPREAD: 2.127
MIN RADIUS: 0.340
MAX RADIUS: 1.084
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.413	1.077
2:	-0.202	1.068
3:	-0.911	0.519
4:	0.857	0.513
5:	0.356	-0.073
6:	-0.115	-0.246
7:	-0.404	-0.318
8:	-0.493	-0.847
9:	0.264	-0.635
10:	0.321	-0.347



TARGET APPROX 1/2 SCALE