

G 6535295

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC

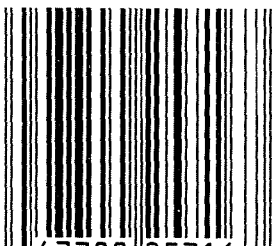


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SERIAL NO.



66535295

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535295

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-30-06	RTZ
420	ASSEMBLE ACTION		8-30-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		8-31-06	J.P.D.
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	8-31-06	J.P.D.
470	DIS-ASSEMBLE ACTION	SEP 05 2006	9-1-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	9/5/06	<u>mm</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-5-06	CW
510	DRILL AND TAP SIGHT HOLES		9-5-06	TRW
520	GOFF BLAST BBL / REC		9-6-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/14/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-15-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-15-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-15-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-15-06	RTZ
	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>7°</u> <u>8°</u> <u>7°</u>	10-2-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>5°</u> <u>5°</u> <u>5°</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.027</u> <u>.026</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-15-06	RL
	K) ASSEMBLE SWIVEL STUDS		11-8-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-15-06	RL
	M) IRON SIGHT ALIGNMENT		9-15-06	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-15-06	RL
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-16-06	TRL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-16-06	D.K.
670	FINAL INSPECTION A) HEADSPACE		11-8-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.64</u> <u>2.79</u> <u>2.67</u> <u>2.64</u> <u>2.73</u>	9-19-06	DA
	C) FUNCTION		11-8-06	L.P.D.
690	PACK		11/11/06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0030090710

BARBER - M24 0090672
 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 9-14-06

TESTER MOH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.56		2.52	
PULL #2	2.61	2.51		2.46	
PULL #3	2.61	2.57		2.43	
PULL #4	2.50	2.54		2.45	
PULL #5	2.75	2.57		2.41	
TOTAL	13.07	12.75		12.27	
AVERAGE	2.61	2.55		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.02		
PULL #2	3.02	2.92		
PULL #3	3.14	2.90		
PULL #4	2.91	2.93		
PULL #5	3.02	2.91		
TOTAL	15.09	14.68		
AVERAGE	3.02	2.94		

	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	3.99	3.87		3.99
PULL #2	3.98	3.85		3.92
PULL #3	4.09	3.88		3.94
PULL #4	4.06	3.90		3.94
PULL #5	4.00	3.93		3.92
TOTAL	20.12	19.43		19.71
AVERAGE	4.02	3.89		3.94

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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

BARBER - M24 0090672 0090711

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535295.___0
FILE DATE AND TIME: 09/18/2006 05:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	0.061
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.687
The Distance from POA to Centroid Target #1:	0.155
The Distance from Centroid Target #2 to Centroid Target #1:	0.138
The Distance from Centroid Target #3 to Centroid Target #1:	0.167
The Distance from Centroid Target #4 to Centroid Target #1:	0.067
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

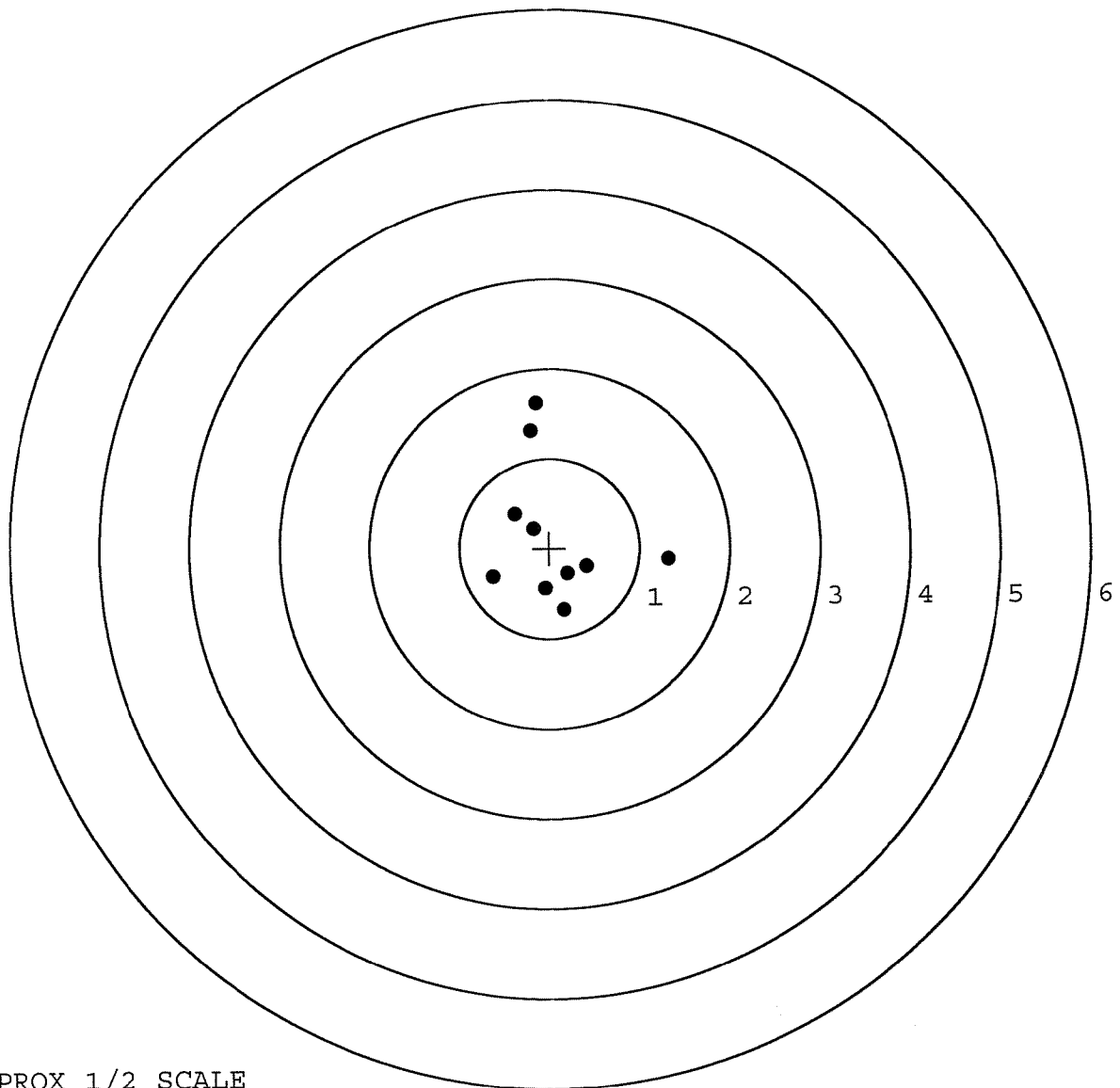
BARBER - M24 0090674

SERIAL NUMBER: G6535295. __0
TARGET NUMBER: 1
FILE DATE: 09/18/2006
FILE TIME: 05:20

X CENTROID: 0.052
Y CENTROID: 0.146
POA TO CENTROID: 0.155
HORZ SPREAD: 1.945
VERT SPREAD: 2.308
GROUP SPREAD: 2.329
MIN RADIUS: 0.239
MAX RADIUS: 1.485
MEAN RADIUS: 0.794

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.146	1.618
2:	-0.206	1.313
3:	-0.382	0.381
4:	-0.177	0.217
5:	-0.627	-0.317
6:	-0.049	-0.448
7:	0.166	-0.690
8:	0.201	-0.283
9:	0.419	-0.200
10:	1.318	-0.132



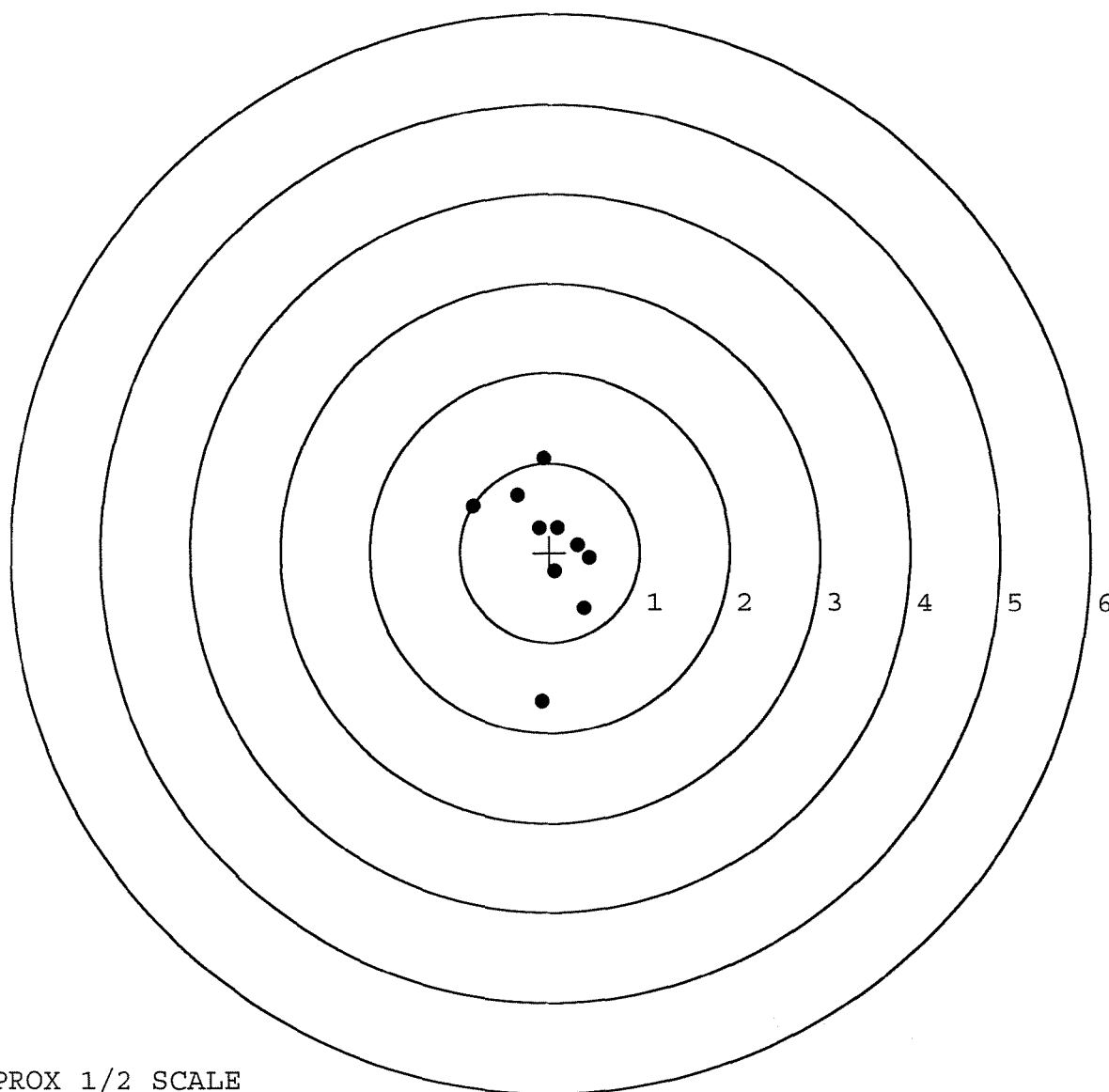
TARGET APPROX 1/2 SCALE

BARBER - M24 0090675

SERIAL NUMBER: G6535295. __0
 TARGET NUMBER: 2
 FILE DATE: 09/18/2006
 FILE TIME: 05:20

POINT#	X	Y
1:	-0.074	-1.657
2:	0.387	-0.623
3:	0.060	-0.210
4:	0.446	-0.063
5:	-0.073	1.047
6:	-0.859	0.512
7:	-0.363	0.636
8:	-0.117	0.270
9:	0.091	0.278
10:	0.318	0.085

X CENTROID: -0.018
 Y CENTROID: 0.027
 POA TO CENTROID: 0.033
 HORZ SPREAD: 1.305
 VERT SPREAD: 2.704
 GROUP SPREAD: 2.704
 MIN RADIUS: 0.250
 MAX RADIUS: 1.685
 MEAN RADIUS: 0.674
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



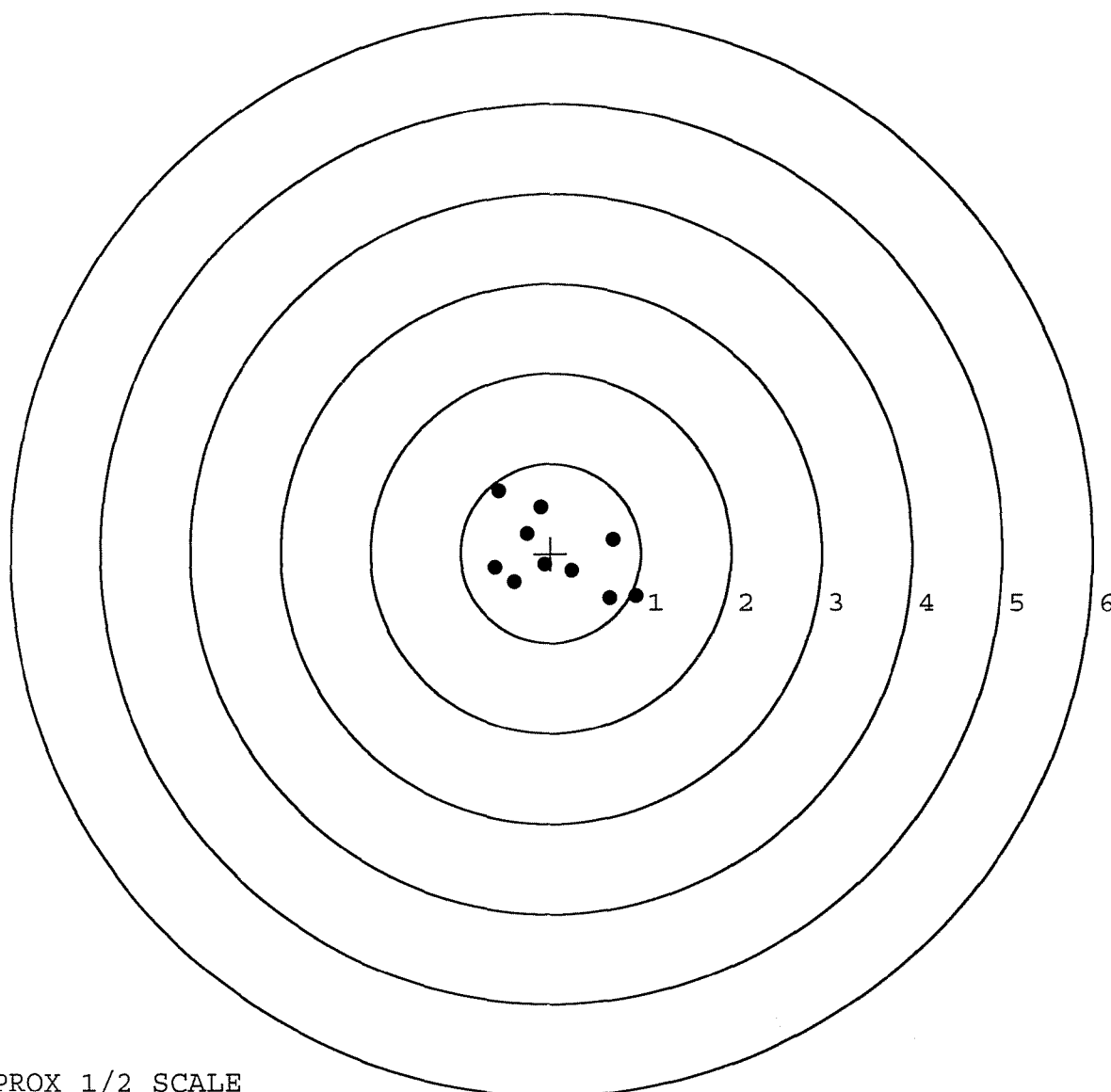
TARGET APPROX 1/2 SCALE

BARBER - M24 0090676

SERIAL NUMBER: G6535295. __0
TARGET NUMBER: 3
FILE DATE: 09/18/2006
FILE TIME: 05:20

X CENTROID: 0.049
Y CENTROID: -0.021
POA TO CENTROID: 0.053
HORZ SPREAD: 1.577
VERT SPREAD: 1.189
GROUP SPREAD: 1.929
MIN RADIUS: 0.158
MAX RADIUS: 1.011
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.584	0.691
2:	-0.115	0.508
3:	-0.260	0.216
4:	0.695	0.159
5:	0.951	-0.477
6:	0.665	-0.498
7:	0.234	-0.196
8:	-0.069	-0.126
9:	-0.402	-0.325
10:	-0.626	-0.160



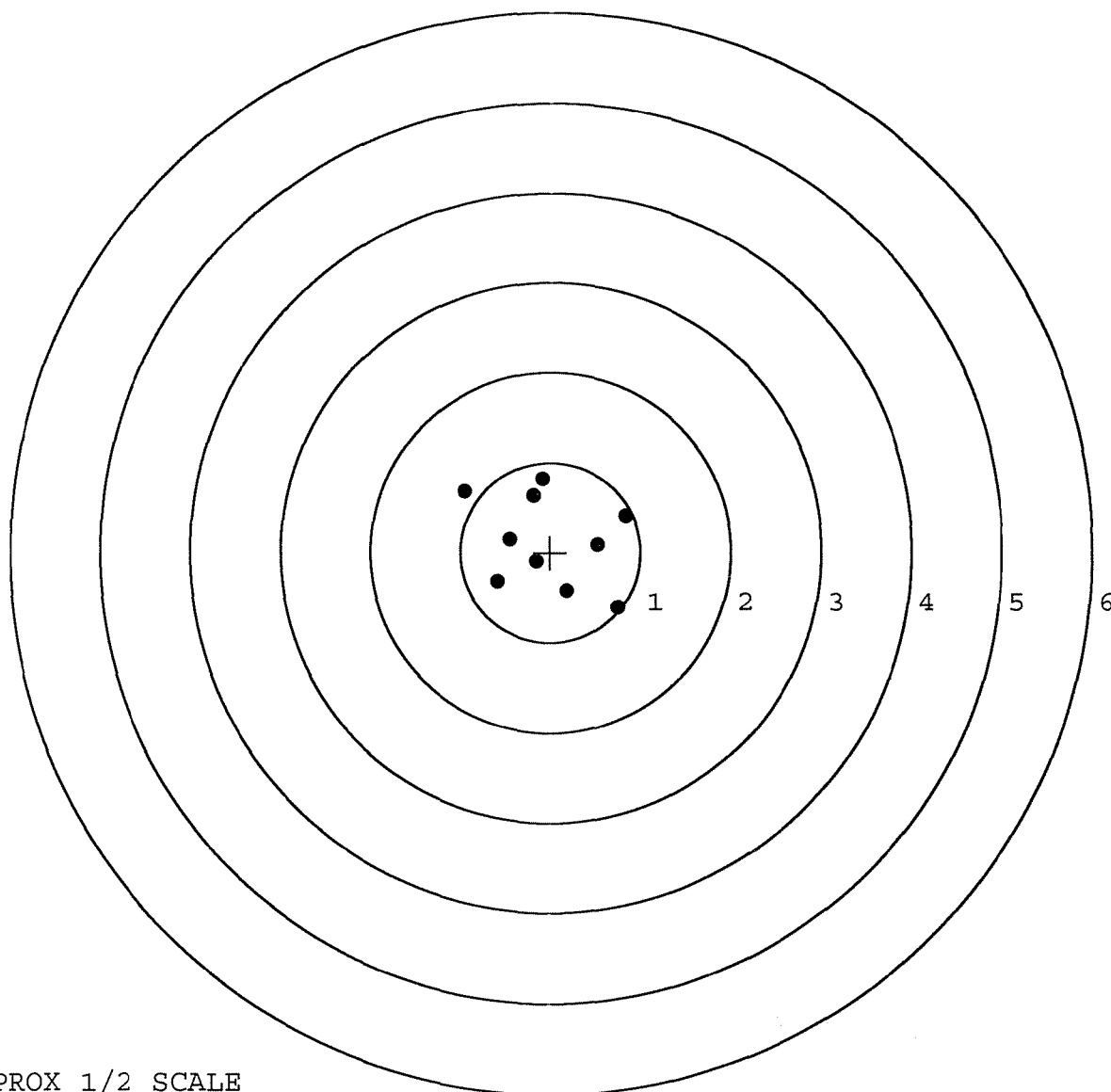
TARGET APPROX 1/2 SCALE

BARBER - M24 0090677

SERIAL NUMBER: G6535295. __0
TARGET NUMBER: 4
FILE DATE: 09/18/2006
FILE TIME: 05:20

POINT#	X	Y
1:	-0.093	0.819
2:	-0.190	0.629
3:	-0.960	0.679
4:	-0.450	0.146
5:	-0.589	-0.331
6:	-0.158	-0.106
7:	0.180	-0.429
8:	0.839	0.406
9:	0.528	0.089
10:	0.760	-0.620

X CENTROID: -0.013
Y CENTROID: 0.128
POA TO CENTROID: 0.129
HORZ SPREAD: 1.799
VERT SPREAD: 1.439
GROUP SPREAD: 2.155
MIN RADIUS: 0.275
MAX RADIUS: 1.095
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



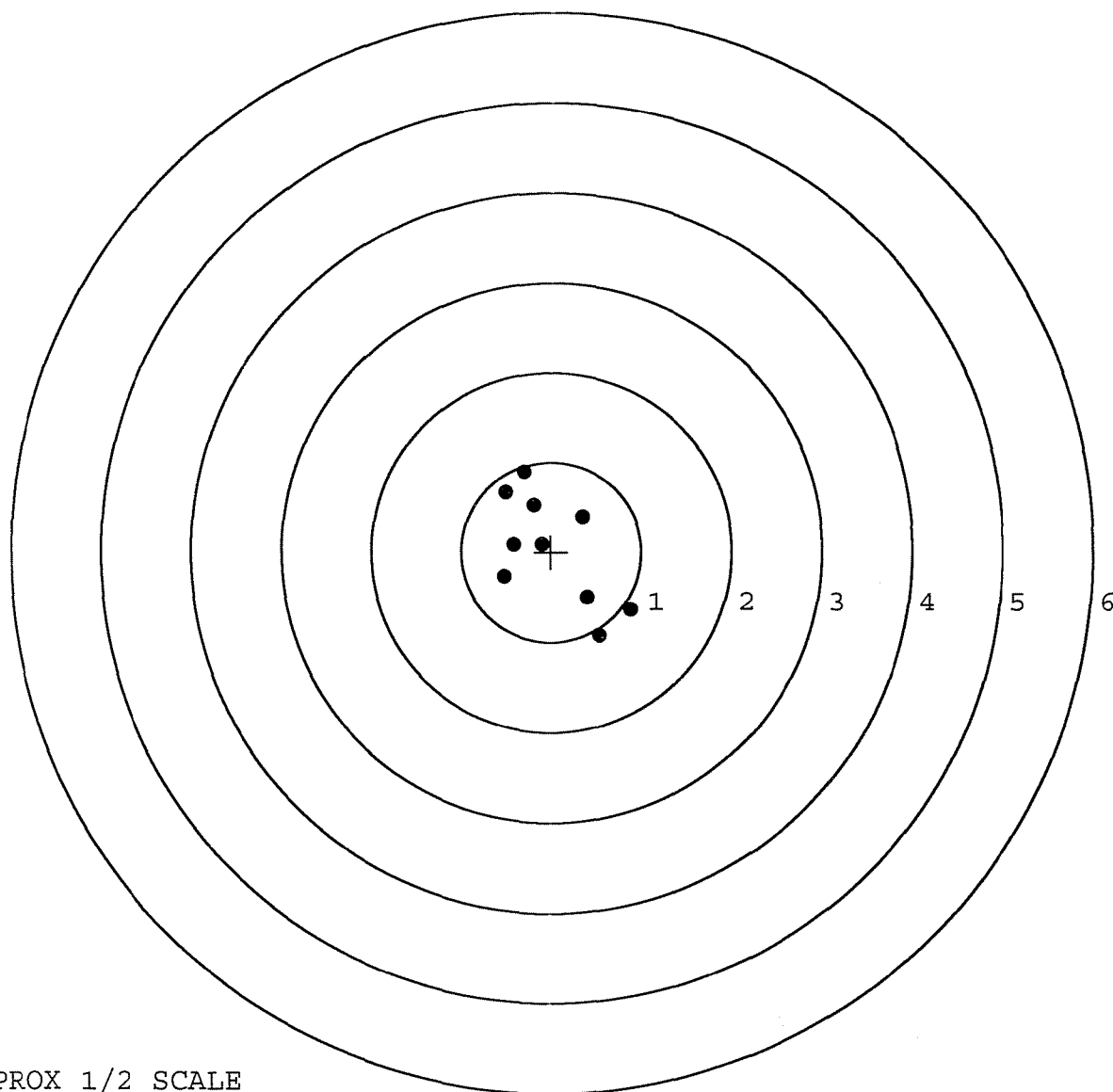
TARGET APPROX 1/2 SCALE

BARBER - M24 0090678

SERIAL NUMBER: G6535295. 0
TARGET NUMBER: 5
FILE DATE: 09/18/2006
FILE TIME: 05:20

X CENTROID: 0.012
Y CENTROID: 0.024
POA TO CENTROID: 0.027
HORZ SPREAD: 1.413
VERT SPREAD: 1.821
GROUP SPREAD: 1.945
MIN RADIUS: 0.131
MAX RADIUS: 1.103
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.304	0.891
2:	-0.512	0.657
3:	-0.194	0.516
4:	-0.416	0.078
5:	-0.104	0.085
6:	0.350	0.386
7:	0.540	-0.930
8:	0.888	-0.646
9:	0.400	-0.510
10:	-0.525	-0.286



TARGET APPROX 1/2 SCALE