

BARBER - M24 0085023

G 6577081

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

BARBER - M24 0085023 **M2400085062**

ORDER 25716

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

UPC



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UPC



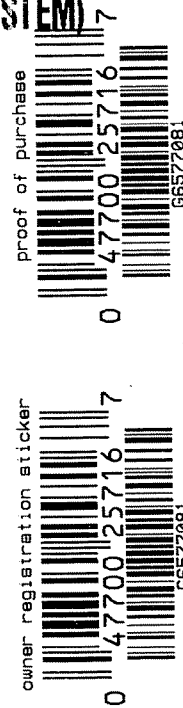
SERIAL NO.



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

- INSTRUCTION BOOK 3518

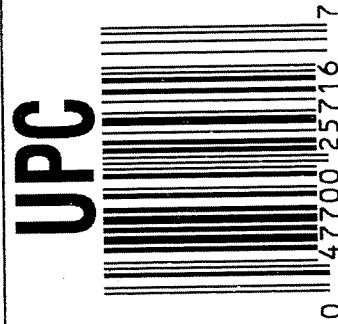
DD FORM



ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6577081



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6577081

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-1-06	BLG
420	ASSEMBLE ACTION		8-1-06	BLG
430	ASSEMBLE TO STOCK		8-2-06	BLG
440	PROOF		8-2-06	BLG
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-2-06	BLG
470	DIS-ASSEMBLE ACTION	AUG 17 2006	8-2-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>Wm</u>	8/17/06	<u>Wm</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-17-06	CW
510	DRILL AND TAP SIGHT HOLES		8-16-06	TRW
520	GOFF BLAST BBL / REC		8-17-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/23/06	<u>LB</u>
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-17-06	<u>Wm</u>
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-17-06	<u>Wm</u>
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-17-06	<u>Wm</u>
	D) OIL FIRING PIN ASSEMBLY		8-17-06	<u>Wm</u>
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/12/06	<u>Wm</u>

F004 REV 5/2006

OP #	OPERATOR NAME	85027	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.0</u>	<u>6.0</u>	<u>6.0</u>	8-30-06	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	8-30-06	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY					10/12/06	non		
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.025</u>	<u>.0255</u>	8-30-06	DA		
	J) ASSEMBLE STOCK					8-17-06	non		
	K) ASSEMBLE SWIVEL STUDS					10/12/06	non		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					8-17-06	non		
	M) IRON SIGHT ALIGNMENT					8-17-06	non		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					8-17-06	non		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL		8-28-06	L.P.D.		
			<u>PASS</u>	FAIL					
	MALFUNCTION		N/A						
	MALFUNCTION								
	MALFUNCTION								
	MALFUNCTION								
660	INSPECT FOR LIVE AMMO					8/28/06	M.P.D.		
670	FINAL INSPECTION A) HEADSPACE					10/12/06	non		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.22</u>	<u>2.39</u>	<u>2.19</u>	<u>2.15</u>	<u>2.17</u>	8-30-06	DA
	C) FUNCTION							10/12/06	non
690	PACK							11/13/06	DA

F004 REV 5/2006

**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 8-28-06

TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.58		2.35	
PULL #2	2.47	2.73		2.37	
PULL #3	2.35	2.63		2.44	
PULL #4	2.31	2.39		2.41	
PULL #5	2.31	2.46		2.25	
TOTAL	11.90	12.79		11.87	
AVERAGE	2.38	2.56		2.37	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.93	2.82		
PULL #2	3.12	2.94		
PULL #3	3.14	3.05		
PULL #4	2.98	3.07		
PULL #5	3.08	3.02		
TOTAL	15.25	14.90		
AVERAGE	3.05	2.98		

	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	3.95	3.81		3.92
PULL #2	4.02	3.98		3.87
PULL #3	3.98	3.73		3.87
PULL #4	4.14	3.72		3.87
PULL #5	3.99	3.72		3.82
TOTAL	20.08	18.96		19.35
AVERAGE	4.02	3.80		3.87

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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BARBER - M24 0085067

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577081.___0
FILE DATE AND TIME: 08/29/2006 19:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

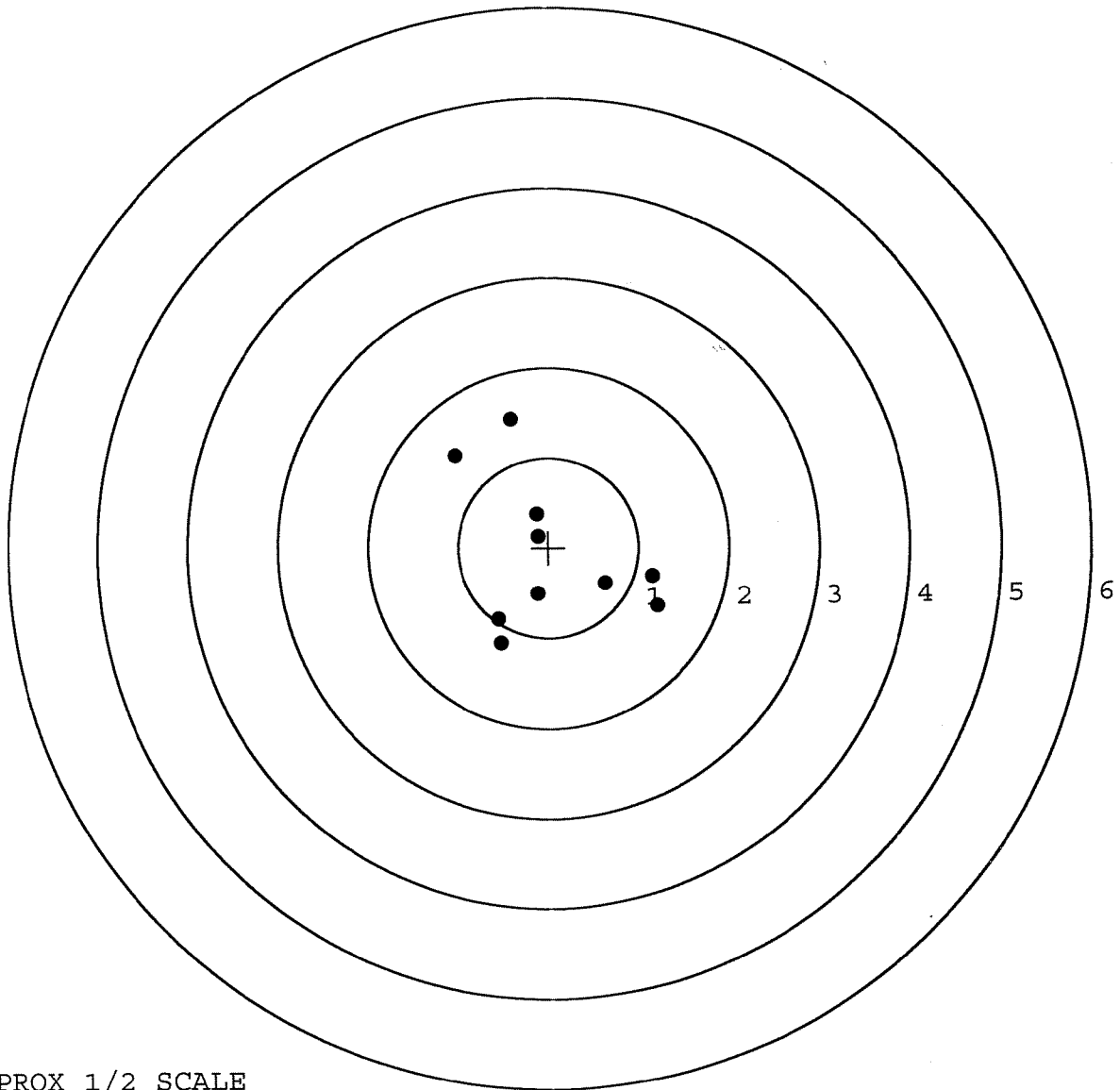
The Average X Centroid of the Five Target Set:	0.087
The Average Y Centroid of the Five Target Set:	0.005
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.841
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.169
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.135

BARBER - M24 0085030

SERIAL NUMBER: G6577081. __0
TARGET NUMBER: 1
FILE DATE: 08/29/2006
FILE TIME: 19:40

X CENTROID: 0.009
Y CENTROID: -0.082
POA TO CENTROID: 0.082
HORZ SPREAD: 2.231
VERT SPREAD: 2.491
GROUP SPREAD: 2.637
MIN RADIUS: 0.242
MAX RADIUS: 1.566
MEAN RADIUS: 0.948
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.028	1.029
2:	-0.408	1.428
3:	-0.129	0.369
4:	-0.116	0.125
5:	-0.532	-1.063
6:	-0.555	-0.797
7:	1.203	-0.660
8:	1.148	-0.329
9:	0.632	-0.404
10:	-0.124	-0.515



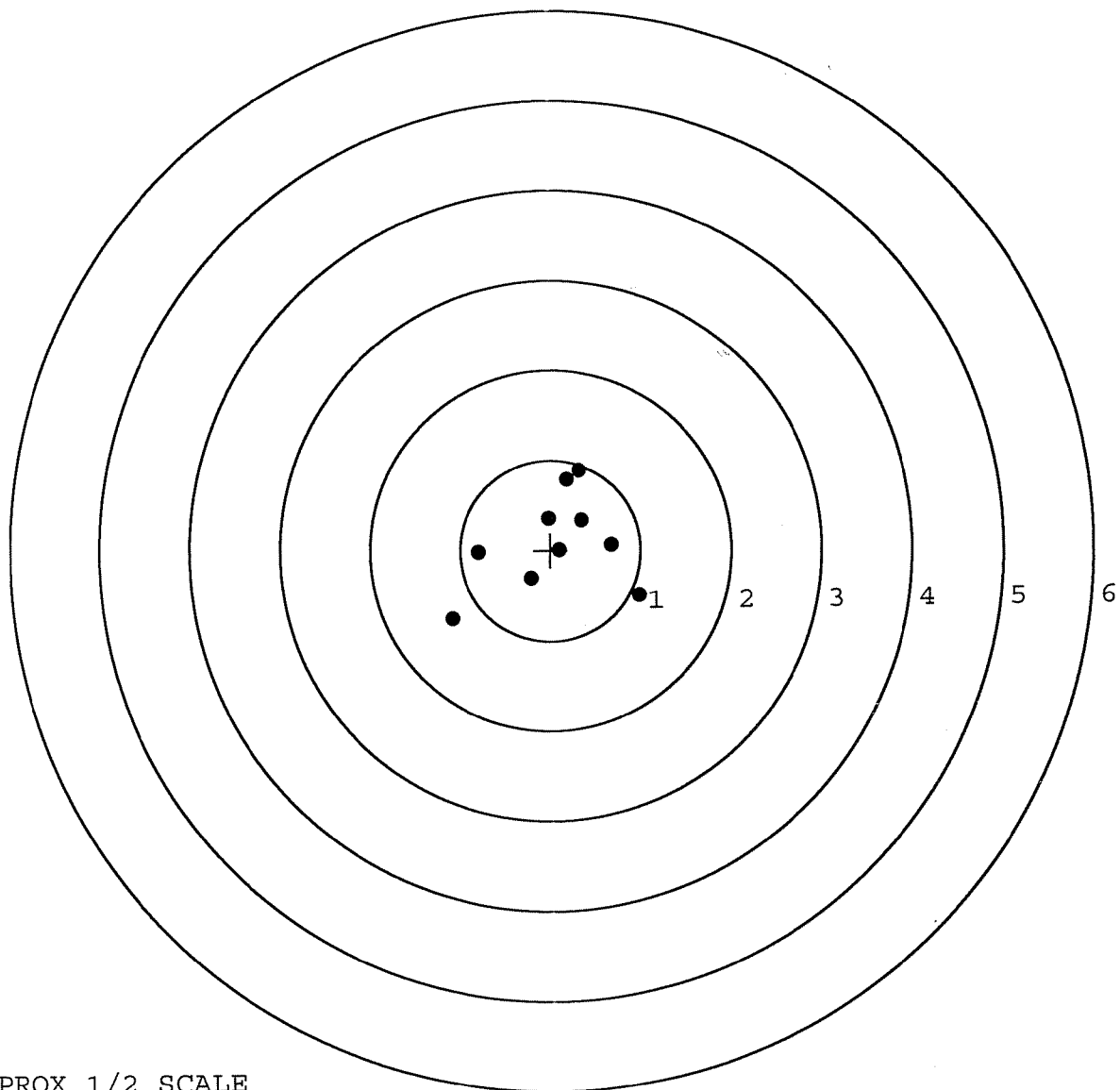
TARGET APPROX 1/2 SCALE

BARBER - M24 0085031

SERIAL NUMBER: G6577081. __0
TARGET NUMBER: 2
FILE DATE: 08/29/2006
FILE TIME: 19:40

X CENTROID: 0.049
Y CENTROID: 0.083
POA TO CENTROID: 0.096
HORZ SPREAD: 2.075
VERT SPREAD: 1.635
GROUP SPREAD: 2.164
MIN RADIUS: 0.096
MAX RADIUS: 1.414
MEAN RADIUS: 0.679
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.093	-0.751
2:	-0.795	-0.020
3:	-0.214	-0.309
4:	0.982	-0.502
5:	0.674	0.056
6:	0.095	-0.002
7:	0.353	0.333
8:	-0.021	0.352
9:	0.182	0.785
10:	0.325	0.884



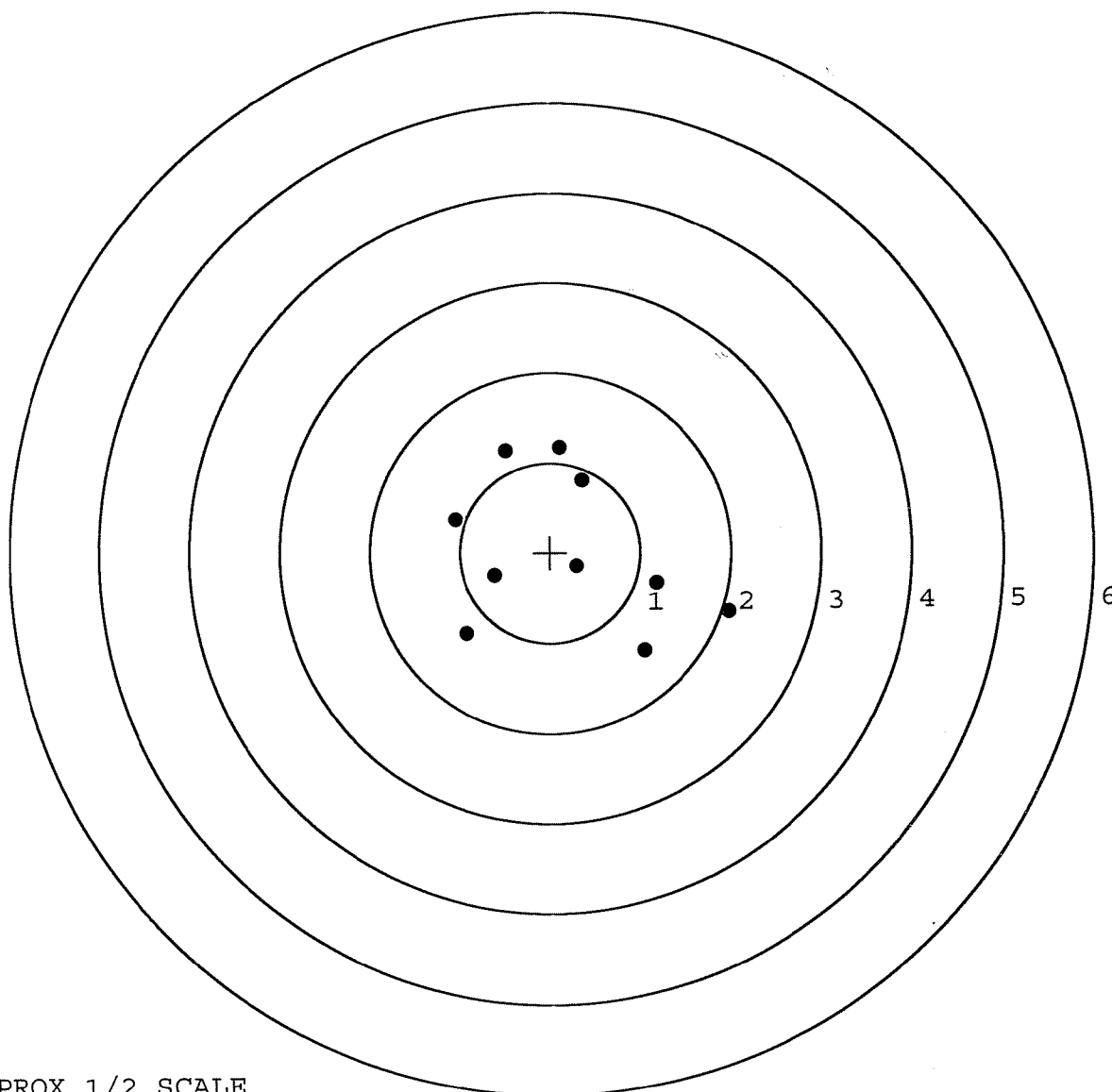
TARGET APPROX 1/2 SCALE

BARBER - M24 0085032

SERIAL NUMBER: G6577081. __0
 TARGET NUMBER: 3
 FILE DATE: 08/29/2006
 FILE TIME: 19:40

X CENTROID: 0.187
 Y CENTROID: 0.006
 POA TO CENTROID: 0.187
 HORZ SPREAD: 3.022
 VERT SPREAD: 2.257
 GROUP SPREAD: 3.196
 MIN RADIUS: 0.196
 MAX RADIUS: 1.909
 MEAN RADIUS: 1.142
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.488	1.138
2:	0.107	1.169
3:	0.362	0.806
4:	-1.050	0.369
5:	-0.619	-0.258
6:	-0.927	-0.897
7:	0.295	-0.157
8:	1.175	-0.349
9:	1.041	-1.088
10:	1.972	-0.671



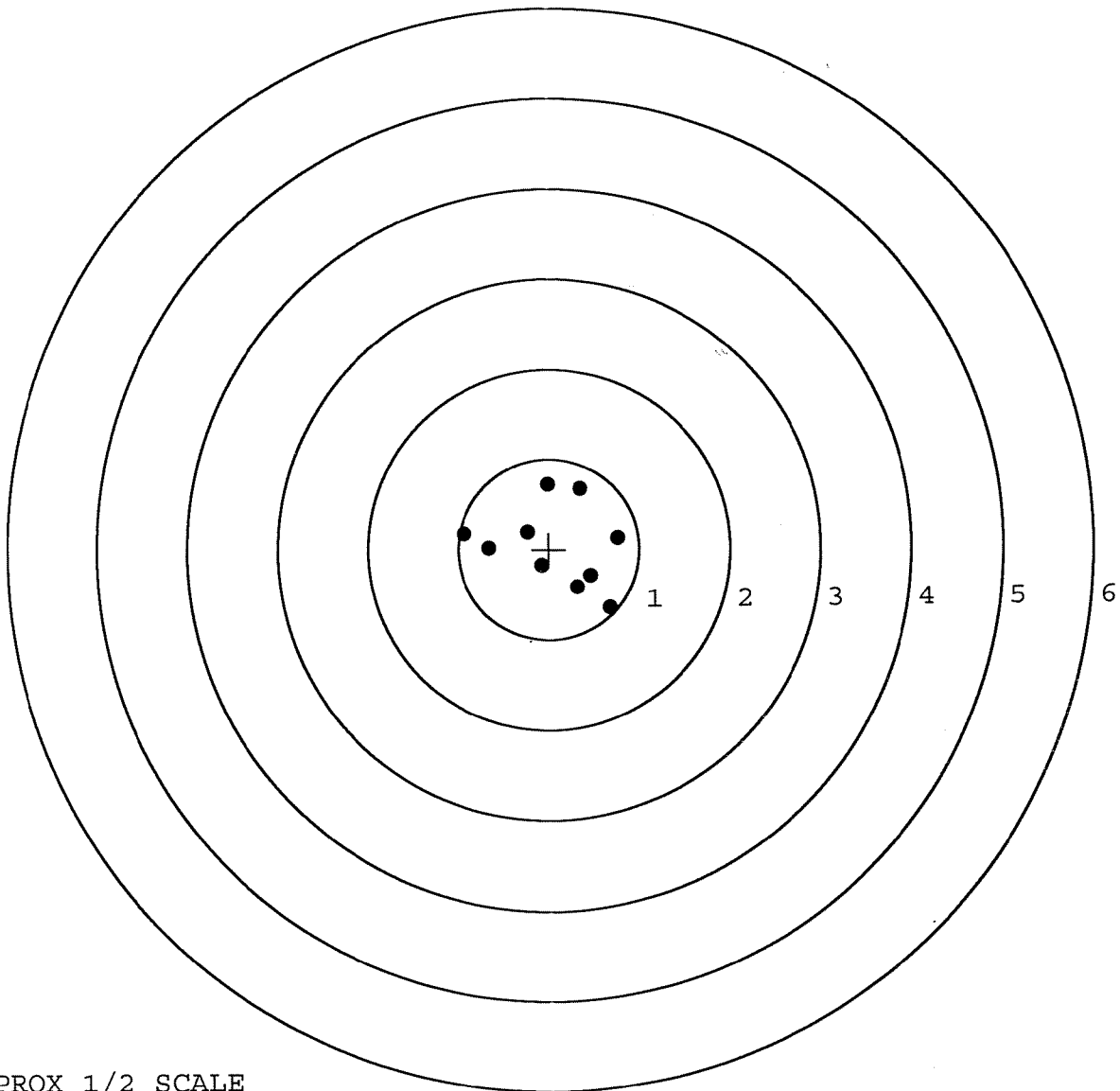
TARGET APPROX 1/2 SCALE

BARBER - M24 0085033

SERIAL NUMBER: G6577081. __0
TARGET NUMBER: 4
FILE DATE: 08/29/2006
FILE TIME: 19:40

X CENTROID: 0.064
Y CENTROID: 0.034
POA TO CENTROID: 0.072
HORZ SPREAD: 1.700
VERT SPREAD: 1.365
GROUP SPREAD: 1.810
MIN RADIUS: 0.261
MAX RADIUS: 1.008
MEAN RADIUS: 0.639
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.015	0.715
2:	0.349	0.667
3:	0.766	0.126
4:	-0.934	0.175
5:	-0.240	0.191
6:	-0.662	0.015
7:	-0.084	-0.182
8:	0.316	-0.425
9:	0.677	-0.650
10:	0.463	-0.296



TARGET APPROX 1/2 SCALE

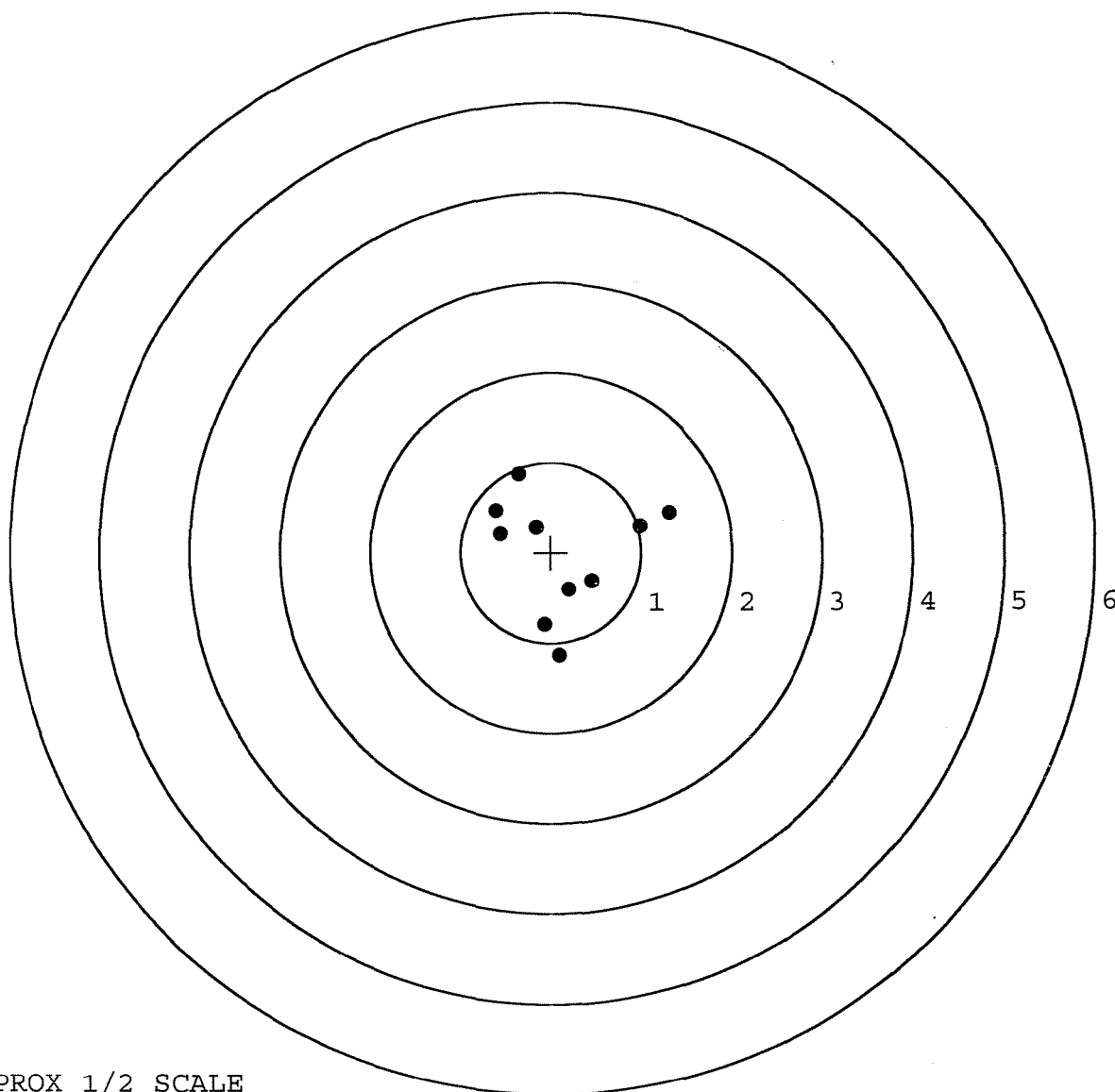
BARBER - M24 0085034

SERIAL NUMBER: G6577081. __0
TARGET NUMBER: 5
FILE DATE: 08/29/2006
FILE TIME: 19:40

X CENTROID: 0.126
Y CENTROID: -0.013
POA TO CENTROID: 0.127
HORZ SPREAD: 1.917
VERT SPREAD: 2.009
GROUP SPREAD: 1.990
MIN RADIUS: 0.409
MAX RADIUS: 1.264
MEAN RADIUS: 0.799

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

POINT#	X	Y
1:	1.306	0.439
2:	0.984	0.287
3:	0.096	-1.141
4:	-0.078	-0.803
5:	0.194	-0.417
6:	0.456	-0.317
7:	-0.358	0.868
8:	-0.611	0.465
9:	-0.559	0.211
10:	-0.171	0.274



TARGET APPROX 1/2 SCALE