

G 6590172

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

- INSTRUCTION BOOK 3518

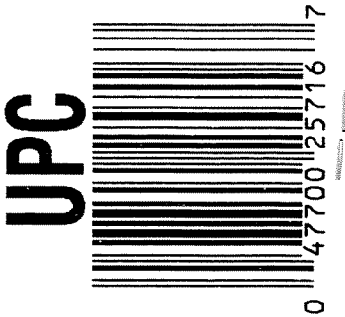


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590172



DD FORM

ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66590172

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6590172

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-1-06	BLC
420	ASSEMBLE ACTION		8-2-06	BLC
430	ASSEMBLE TO STOCK		8-2-06	BLC
440	PROOF		8-2-06	BLC
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-2-06	BLC
470	DIS-ASSEMBLE ACTION	AUG 09 2006	8-2-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	8-09-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-9-06	CW
510	DRILL AND TAP SIGHT HOLES		8-8-06	TRW
520	GOFF BLAST BBL / REC		8-9-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/14/06	RTZ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-14-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-14-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-14-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		8-14-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-17-06	NOTM

F004 REV 5/2006

OP # CONFIDENTIAL 0240165053			READINGS	DATE	INITIAL.
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>4.5</u> <u>5.0</u>	8-16-06	DA
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	8-16-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			8-17-06	MTM
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u> <u>.024</u> <u>.024</u>	8-16-06	DA
	J) ASSEMBLE STOCK			8-14-06	RTZ
	K) ASSEMBLE SWIVEL STUDS			8-17-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			8-14-06	BLG-
	M) IRON SIGHT ALIGNMENT			8-14-06	BLG-
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			8-14-06	BLG-
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u> FAIL <u>PASS</u> FAIL	8-14-06	L.P.D.
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			8-14-06	MTM
670	FINAL INSPECTION A) HEADSPACE			8-17-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.88</u> <u>2.75</u> <u>2.67</u> <u>2.60</u> <u>2.60</u>	8-16-06	DA
	C) FUNCTION			8-17-06	MTM
690	PACK			11-16-06	BLG

F004 REV 5/2006

BARBER - M24 0166054

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 8-11-06

TESTER mjh

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.64		2.42	
PULL #2	2.69	2.65		2.47	
PULL #3	2.36	2.66		2.42	
PULL #4	2.52	2.57		2.54	
PULL #5	2.68	2.64		2.43	
TOTAL	12.81	13.16		12.88	
AVERAGE	2.56	2.63		2.58	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.08		
PULL #2	3.23	3.13		
PULL #3	3.08	2.94		
PULL #4	3.13	3.13		
PULL #5	3.20	2.96		
TOTAL	15.73	15.24		
AVERAGE	3.15	3.05		

	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	3.89	4.08		3.89
PULL #2	4.04	4.11		3.93
PULL #3	4.08	4.09		3.93
PULL #4	4.07	4.25		3.82
PULL #5	3.86	3.92		4.06
TOTAL	19.94	20.45		19.63
AVERAGE	3.99	4.13		3.93

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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

BARBER - M24 016609466093

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590172.___0
FILE DATE AND TIME: 08/15/2006 19:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

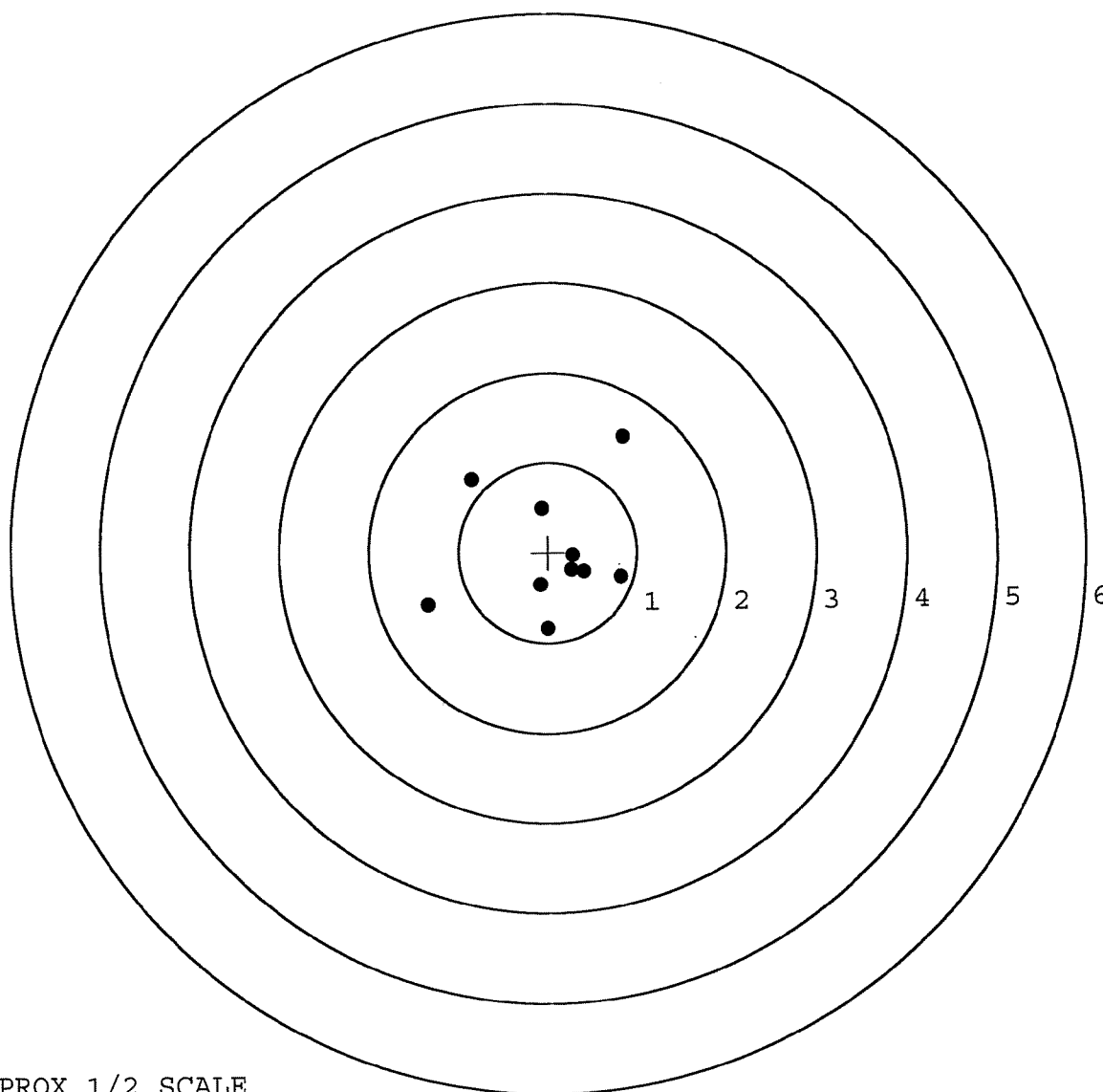
The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	0.018
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.608
The Distance from POA to Centroid Target #1:	0.026
The Distance from Centroid Target #2 to Centroid Target #1:	0.126
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.167

BARBER - M24 0166056

SERIAL NUMBER: G6590172. __0
 TARGET NUMBER: 1
 FILE DATE: 08/15/2006
 FILE TIME: 19:40

POINT#	X	Y
1:	0.848	1.282
2:	-0.850	0.816
3:	-0.069	0.493
4:	-1.345	-0.578
5:	0.818	-0.278
6:	-0.009	-0.849
7:	-0.093	-0.362
8:	0.401	-0.218
9:	0.279	-0.034
10:	0.265	-0.199

X CENTROID: 0.025
 Y CENTROID: 0.007
 POA TO CENTROID: 0.026
 HORZ SPREAD: 2.193
 VERT SPREAD: 2.131
 GROUP SPREAD: 2.876
 MIN RADIUS: 0.258
 MAX RADIUS: 1.518
 MEAN RADIUS: 0.779
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



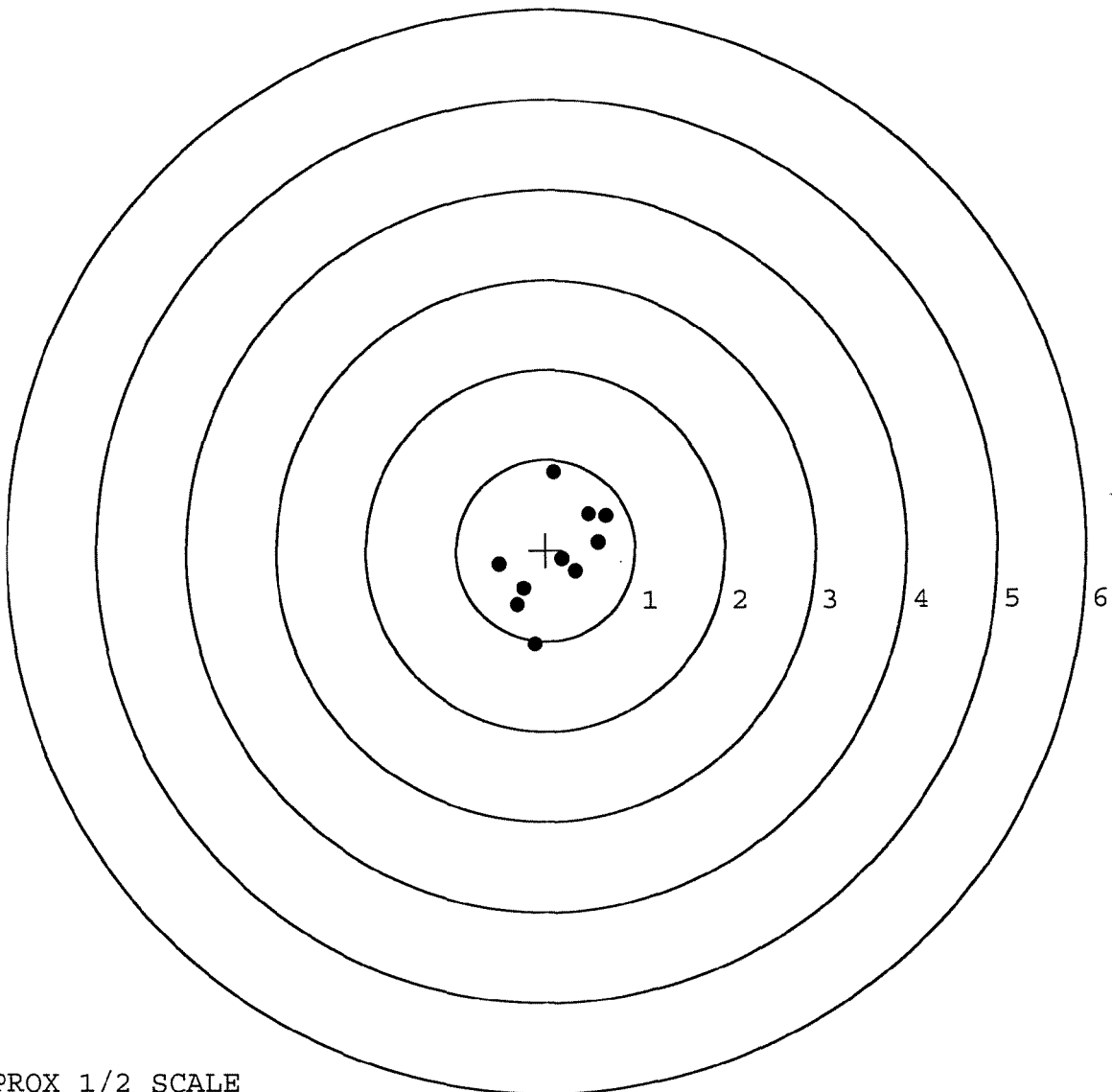
TARGET APPROX 1/2 SCALE

BARBER - M24 0166057

SERIAL NUMBER: G6590172. __0
TARGET NUMBER: 2
FILE DATE: 08/15/2006
FILE TIME: 19:40

X CENTROID: 0.111
Y CENTROID: -0.084
POA TO CENTROID: 0.139
HORZ SPREAD: 1.193
VERT SPREAD: 1.907
GROUP SPREAD: 1.920
MIN RADIUS: 0.072
MAX RADIUS: 0.989
MEAN RADIUS: 0.591
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.093	0.864
2:	0.480	0.394
3:	0.671	0.376
4:	0.582	0.091
5:	0.329	-0.228
6:	0.181	-0.102
7:	-0.129	-1.043
8:	-0.325	-0.604
9:	-0.247	-0.425
10:	-0.522	-0.159



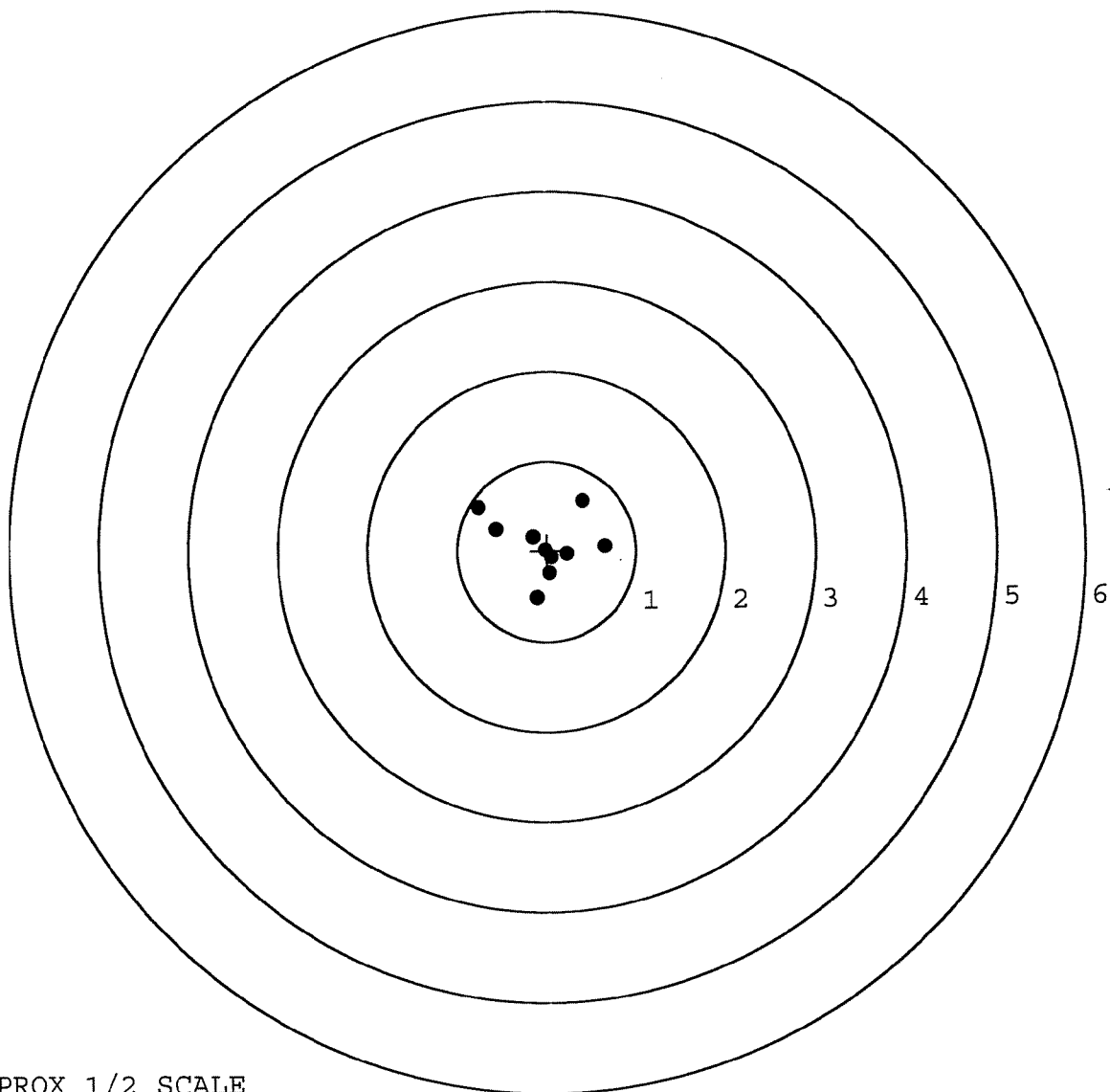
TARGET APPROX 1/2 SCALE

BARBER - M24 0166058

SERIAL NUMBER: G6590172. __ 0
TARGET NUMBER: 3
FILE DATE: 08/15/2006
FILE TIME: 19:40

POINT#	X	Y
1:	0.401	0.555
2:	0.653	0.051
3:	-0.766	0.491
4:	-0.568	0.243
5:	-0.115	-0.521
6:	0.031	-0.248
7:	-0.156	0.155
8:	-0.026	0.012
9:	0.222	-0.034
10:	0.051	-0.077

X CENTROID: -0.027
Y CENTROID: 0.063
POA TO CENTROID: 0.068
HORZ SPREAD: 1.419
VERT SPREAD: 1.076
GROUP SPREAD: 1.486
MIN RADIUS: 0.051
MAX RADIUS: 0.854
MEAN RADIUS: 0.430
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



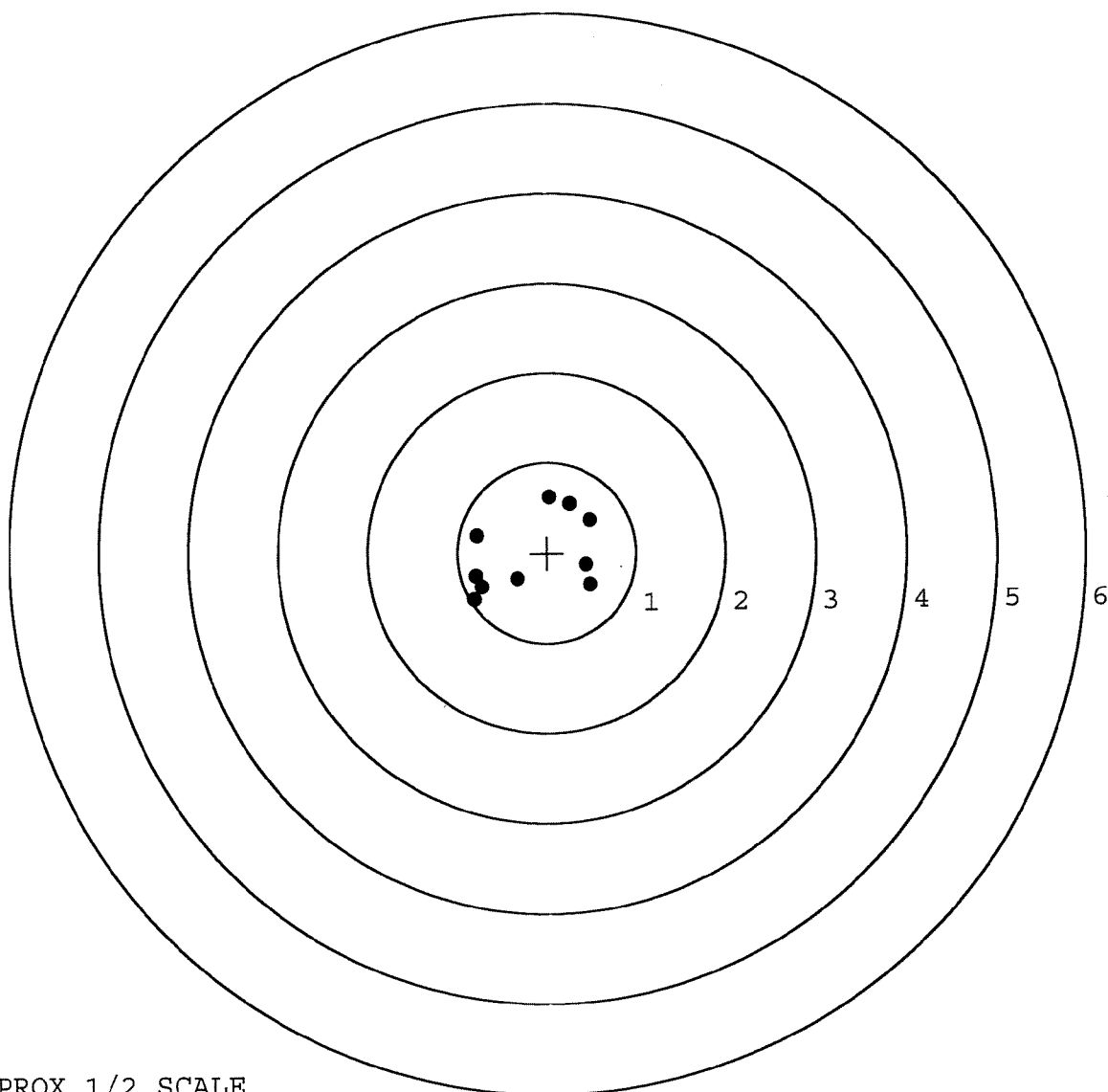
TARGET APPROX 1/2 SCALE

BARBER - M24 0166059

SERIAL NUMBER: G6590172. __0
 TARGET NUMBER: 4
 FILE DATE: 08/15/2006
 FILE TIME: 19:40

X CENTROID: -0.178
 Y CENTROID: -0.022
 POA TO CENTROID: 0.179
 HORZ SPREAD: 1.299
 VERT SPREAD: 1.135
 GROUP SPREAD: 1.570
 MIN RADIUS: 0.313
 MAX RADIUS: 0.811
 MEAN RADIUS: 0.659
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.030	0.615
2:	0.255	0.544
3:	0.480	0.363
4:	0.437	-0.137
5:	0.481	-0.360
6:	-0.781	0.196
7:	-0.338	-0.291
8:	-0.818	-0.520
9:	-0.727	-0.376
10:	-0.796	-0.259



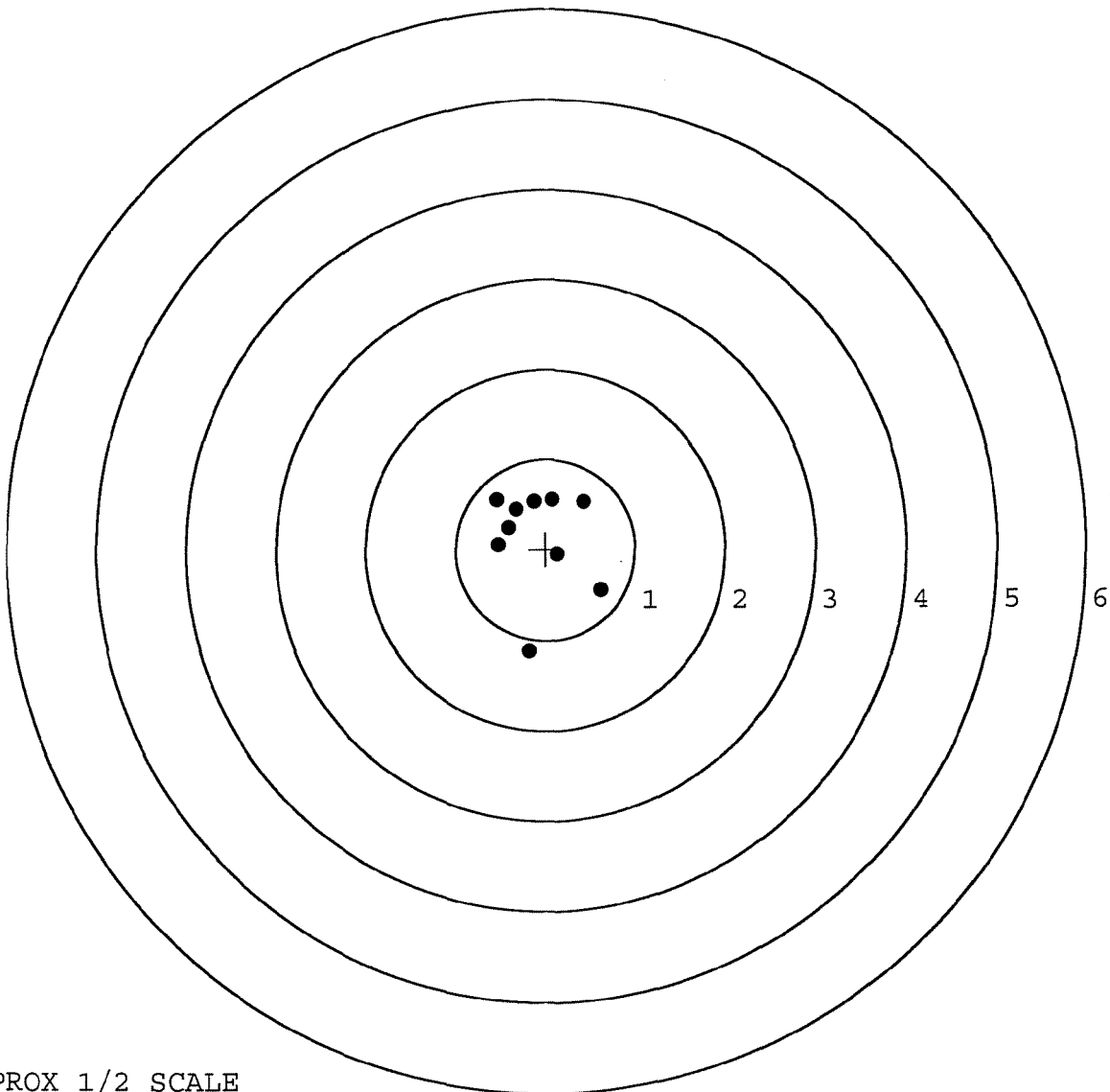
TARGET APPROX 1/2 SCALE

BARBER - M24 0166060

SERIAL NUMBER: G6590172. __0
TARGET NUMBER: 5
FILE DATE: 08/15/2006
FILE TIME: 19:40

X CENTROID: -0.093
Y CENTROID: 0.126
POA TO CENTROID: 0.156
HORZ SPREAD: 1.170
VERT SPREAD: 1.675
GROUP SPREAD: 1.764
MIN RADIUS: 0.291
MAX RADIUS: 1.251
MEAN RADIUS: 0.580
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.189	-1.122
2:	0.619	-0.451
3:	0.129	-0.063
4:	0.421	0.533
5:	0.072	0.553
6:	-0.135	0.529
7:	-0.551	0.552
8:	-0.539	0.048
9:	-0.422	0.237
10:	-0.334	0.441



TARGET APPROX 1/2 SCALE