

BARBER - M24 0000456

G673 1463

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0000456 M24000000495

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6731463

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-4-08	LPJ
420	ASSEMBLE ACTION		3-4-08	LPJ
430	ASSEMBLE TO STOCK		3-4-08	TRW
440	PROOF	MAGNA - FLUX	3-4-08	TRW
460	CHECK HEADSPACE	MAR 06 2008	3-4-08	TRW
470	DIS-ASSEMBLE ACTION		3-4-08	LPJ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unnd</u>	3/6/08	unnd
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-5-08	CW
510	DRILL AND TAP SIGHT HOLES		3-5-08	TRW
520	GOFF BLAST BBL / REC		3-6-08	DG
530 & 540	APPLY COATINGS (BARREL ACTION)		3-10-08	CW
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-08	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-08	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-08	RTZ
	D) OIL FIRING PIN ASSEMBLY		3-13-08	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>5.5</u> <u>5.5</u> <u>5.5</u>	31808	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.75</u> <u>3.50</u> <u>3.75</u>	31808	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.0235</u> <u>.023</u>	31808	DA
	J) ASSEMBLE STOCK		3-13-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		3-18-08	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-18-08	RTZ
	M) IRON SIGHT ALIGNMENT		3-18-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-18-08	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-17-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-17-08	RP
670	FINAL INSPECTION A) HEADSPACE		3-18-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.49</u> <u>2.49</u> <u>2.57</u> <u>2.50</u> <u>2.48</u>	3-18-08	DA
	C) FUNCTION		3-18-08	RTZ
690	PACK		31908	DA

F004 REV 5/2006

BARBER - M24 0000459
**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 1-28-08

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.57		2.55	
PULL #2	2.30	2.57		2.44	
PULL #3	2.48	2.39		2.49	
PULL #4	2.48	2.37		2.38	
PULL #5	2.45	2.42		2.23	
TOTAL	12.20	12.32		12.09	
AVERAGE	2.44	2.46		2.41	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.35		
PULL #2	3.19	3.07		
PULL #3	3.01	3.09		
PULL #4	3.36	3.11		
PULL #5	3.19	3.10		
TOTAL	15.94	15.72		
AVERAGE	3.18	3.14		

	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	4.25	3.94		4.59
PULL #2	4.42	3.98		4.57
PULL #3	4.14	4.27		4.58
PULL #4	4.20	4.17		4.41
PULL #5	4.25	4.23		4.54
TOTAL	21.26	20.59		22.69
AVERAGE	4.25	4.11		4.53

EVALUATION RECORD - M24 TRIGGER ASSEMBLY

EQ05 DEV 5/2006

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SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6731463.__0
FILE DATE AND TIME: 03/18/2008 08:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	0.055
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.741
The Distance from POA to Centroid Target #1:	0.036
The Distance from Centroid Target #2 to Centroid Target #1:	0.085
The Distance from Centroid Target #3 to Centroid Target #1:	0.139
The Distance from Centroid Target #4 to Centroid Target #1:	0.125
The Distance from Centroid Target #5 to Centroid Target #1:	0.049

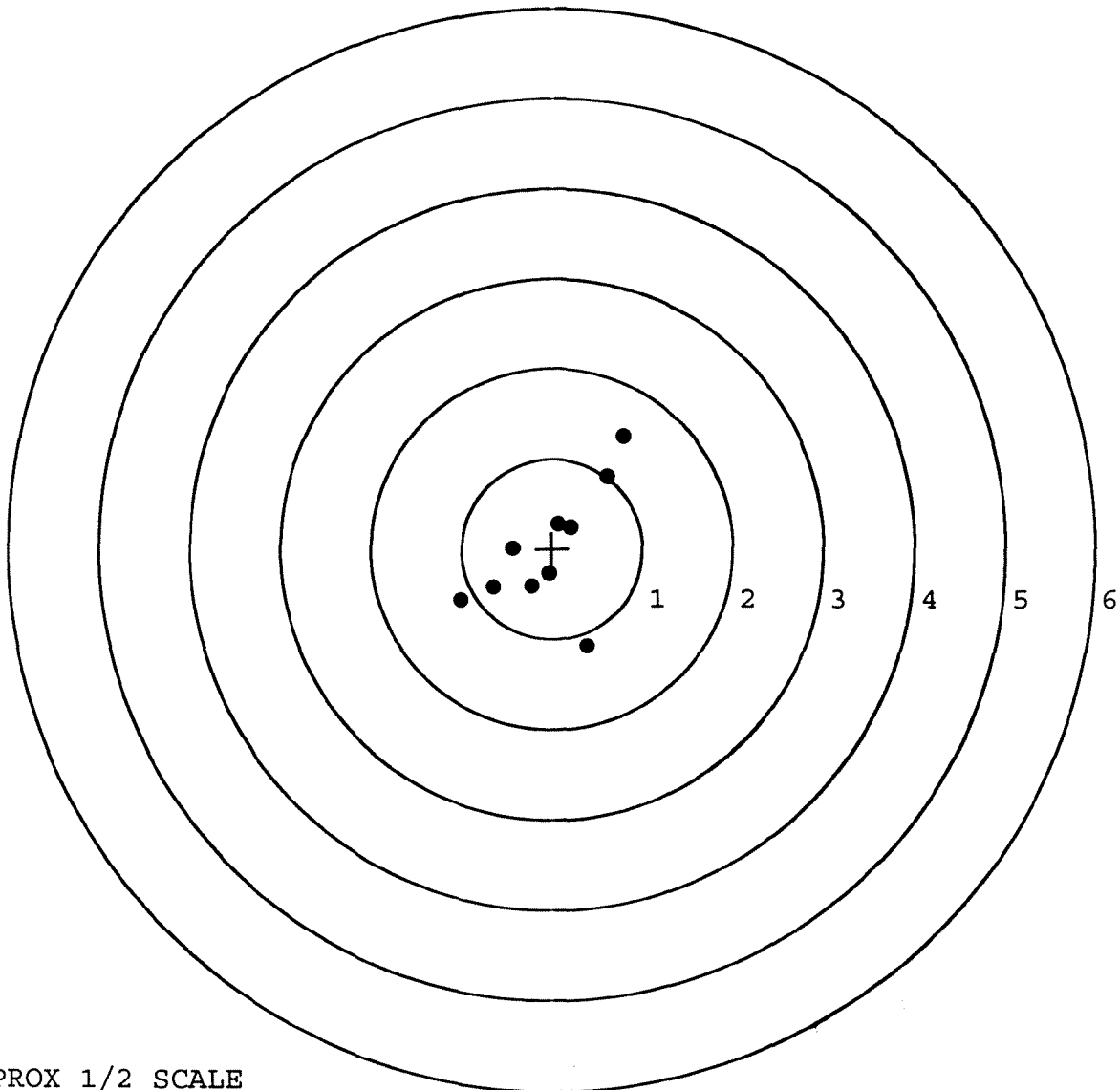
BARBER - M24 0000461

SERIAL NUMBER: G6731463. __0
TARGET NUMBER: 1
FILE DATE: 03/18/2008
FILE TIME: 08:13

X CENTROID: -0.032
Y CENTROID: -0.017
POA TO CENTROID: 0.036
HORZ SPREAD: 1.798
VERT SPREAD: 2.336
GROUP SPREAD: 2.561
MIN RADIUS: 0.257
MAX RADIUS: 1.510
MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.385	-1.083
2:	0.785	1.253
3:	0.612	0.811
4:	0.206	0.238
5:	-1.013	-0.571
6:	-0.647	-0.423
7:	-0.440	0.010
8:	-0.035	-0.274
9:	-0.230	-0.415
10:	0.060	0.279



TARGET APPROX 1/2 SCALE

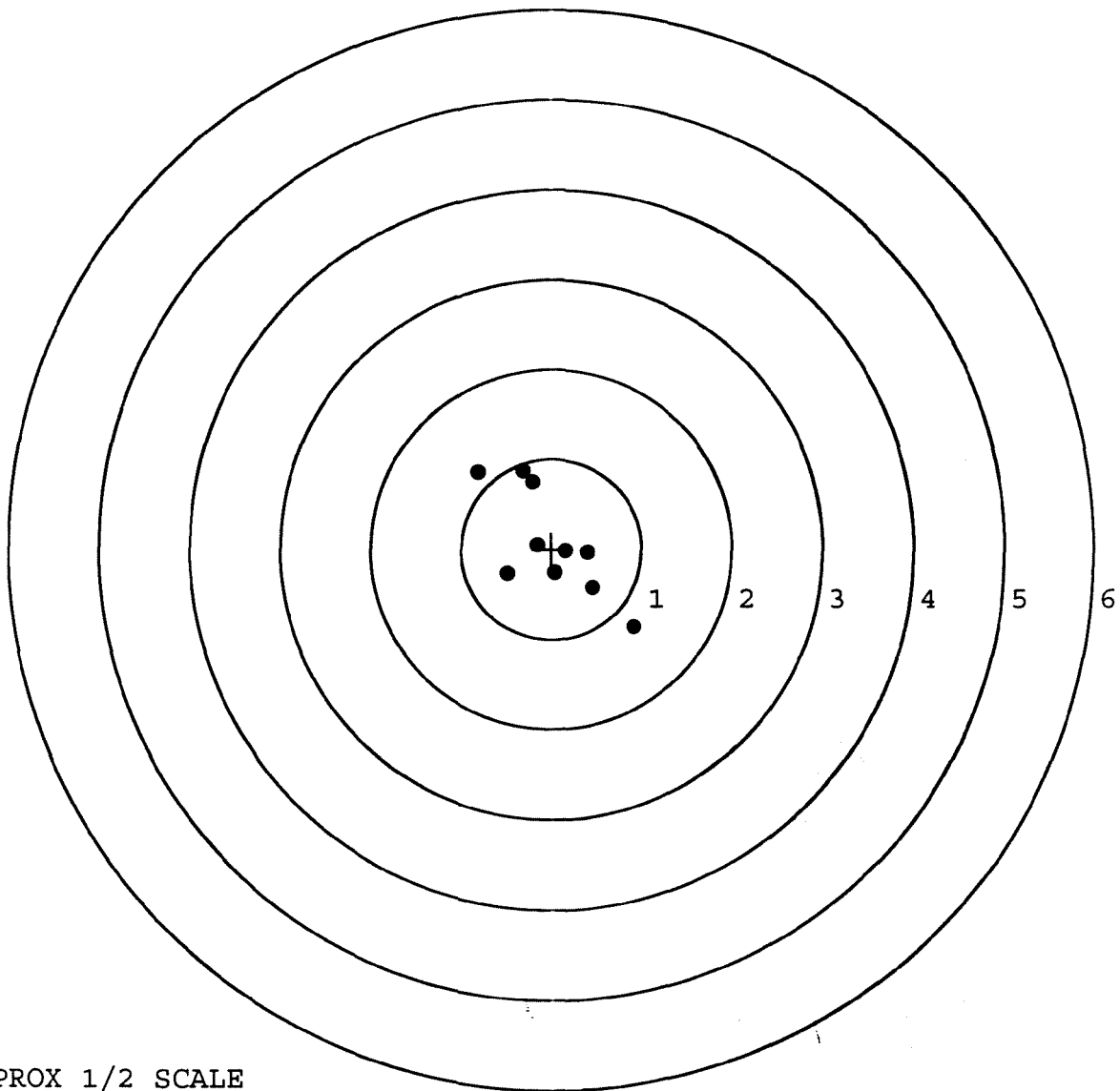
BARBER - M24 0000462

SERIAL NUMBER: G6731463. __0
TARGET NUMBER: 2
FILE DATE: 03/18/2008
FILE TIME: 08:13

X CENTROID: -0.002
Y CENTROID: 0.063
POA TO CENTROID: 0.063
HORZ SPREAD: 1.718
VERT SPREAD: 1.741
GROUP SPREAD: 2.435
MIN RADIUS: 0.157
MAX RADIUS: 1.304
MEAN RADIUS: 0.637

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.810	0.856
2:	-0.316	0.871
3:	-0.211	0.746
4:	-0.493	-0.272
5:	-0.159	0.051
6:	0.908	-0.870
7:	0.455	-0.432
8:	0.405	-0.040
9:	0.037	-0.261
10:	0.159	-0.021



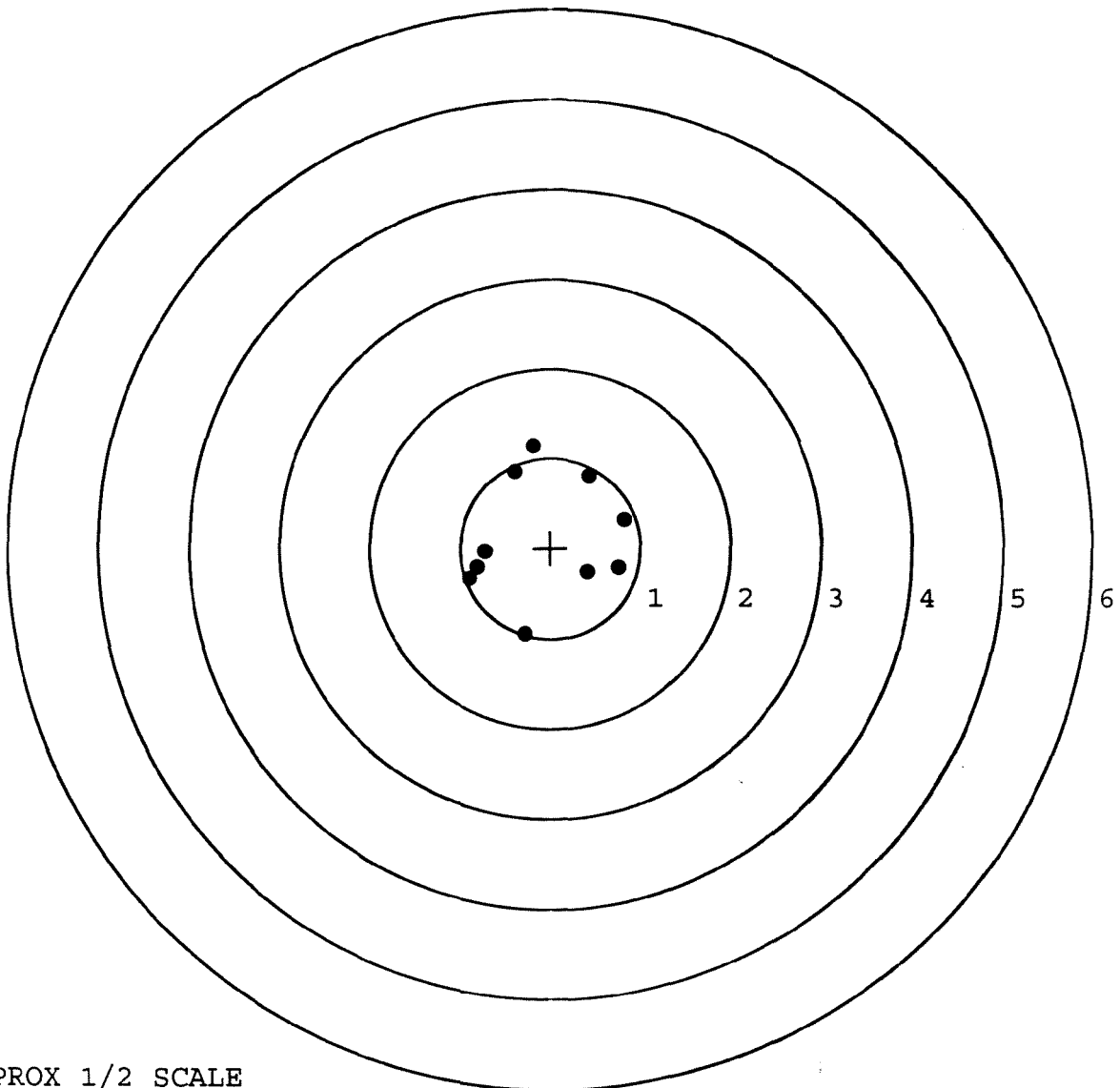
TARGET APPROX 1/2 SCALE

BARBER - M24 0000463

SERIAL NUMBER: G6731463. __0
TARGET NUMBER: 3
FILE DATE: 03/18/2008
FILE TIME: 08:13

X CENTROID: -0.089
Y CENTROID: 0.109
POA TO CENTROID: 0.141
HORZ SPREAD: 1.712
VERT SPREAD: 2.089
GROUP SPREAD: 2.091
MIN RADIUS: 0.623
MAX RADIUS: 1.080
MEAN RADIUS: 0.860
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.189	1.138
2:	-0.395	0.851
3:	0.429	0.803
4:	0.817	0.314
5:	0.757	-0.218
6:	0.412	-0.261
7:	-0.291	-0.951
8:	-0.895	-0.335
9:	-0.807	-0.212
10:	-0.726	-0.034



TARGET APPROX 1/2 SCALE

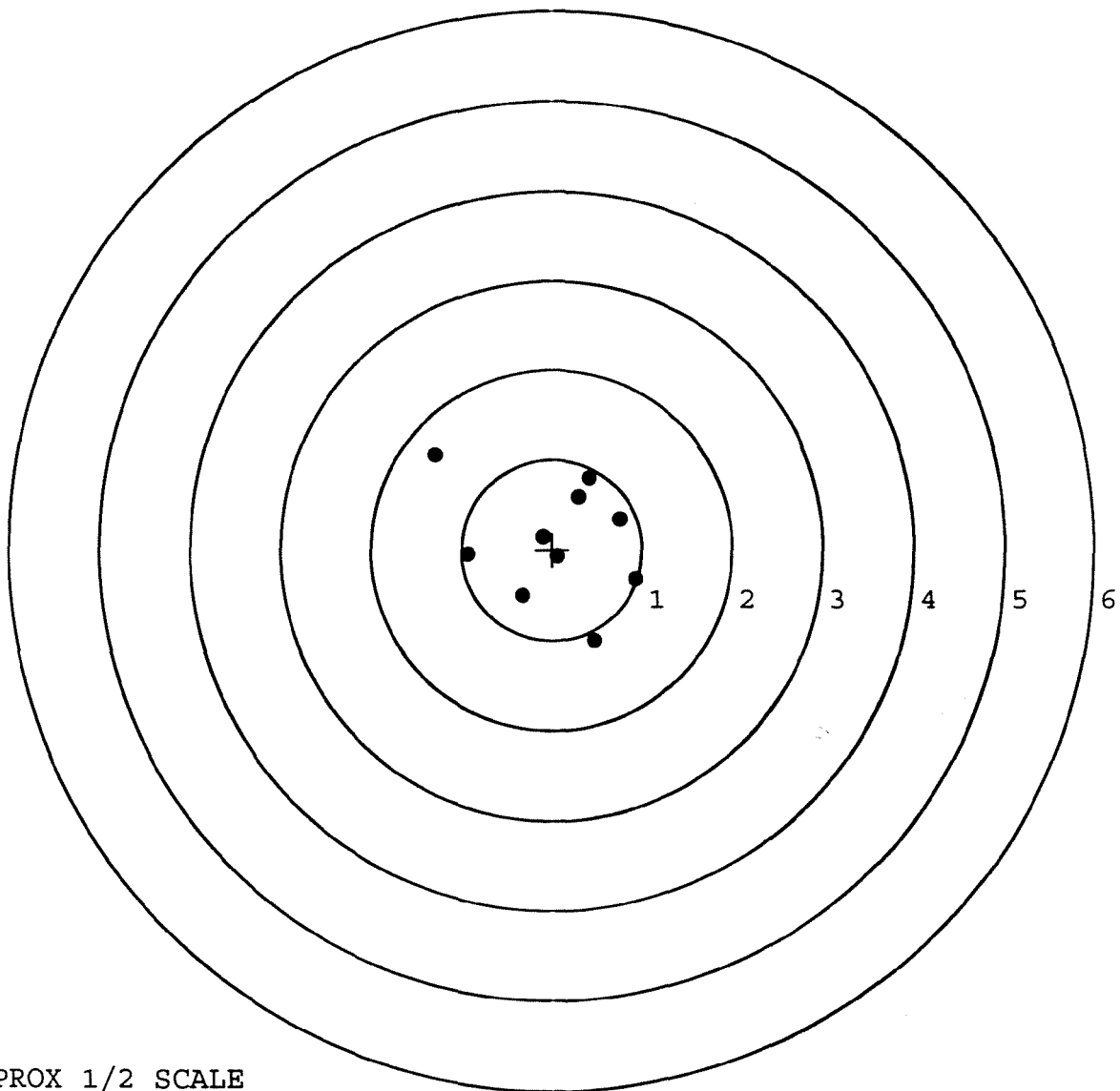
BARBER - M24 0000464

SERIAL NUMBER: G6731463. __0
TARGET NUMBER: 4
FILE DATE: 03/18/2008
FILE TIME: 08:13

X CENTROID: 0.028
Y CENTROID: 0.093
POA TO CENTROID: 0.097
HORZ SPREAD: 2.211
VERT SPREAD: 2.056
GROUP SPREAD: 2.704
MIN RADIUS: 0.141
MAX RADIUS: 1.623
MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.415	0.797
2:	0.299	0.583
3:	0.752	0.338
4:	0.927	-0.331
5:	0.473	-1.008
6:	-0.328	-0.512
7:	-0.928	-0.052
8:	0.055	-0.075
9:	-0.105	0.140
10:	-1.284	1.048



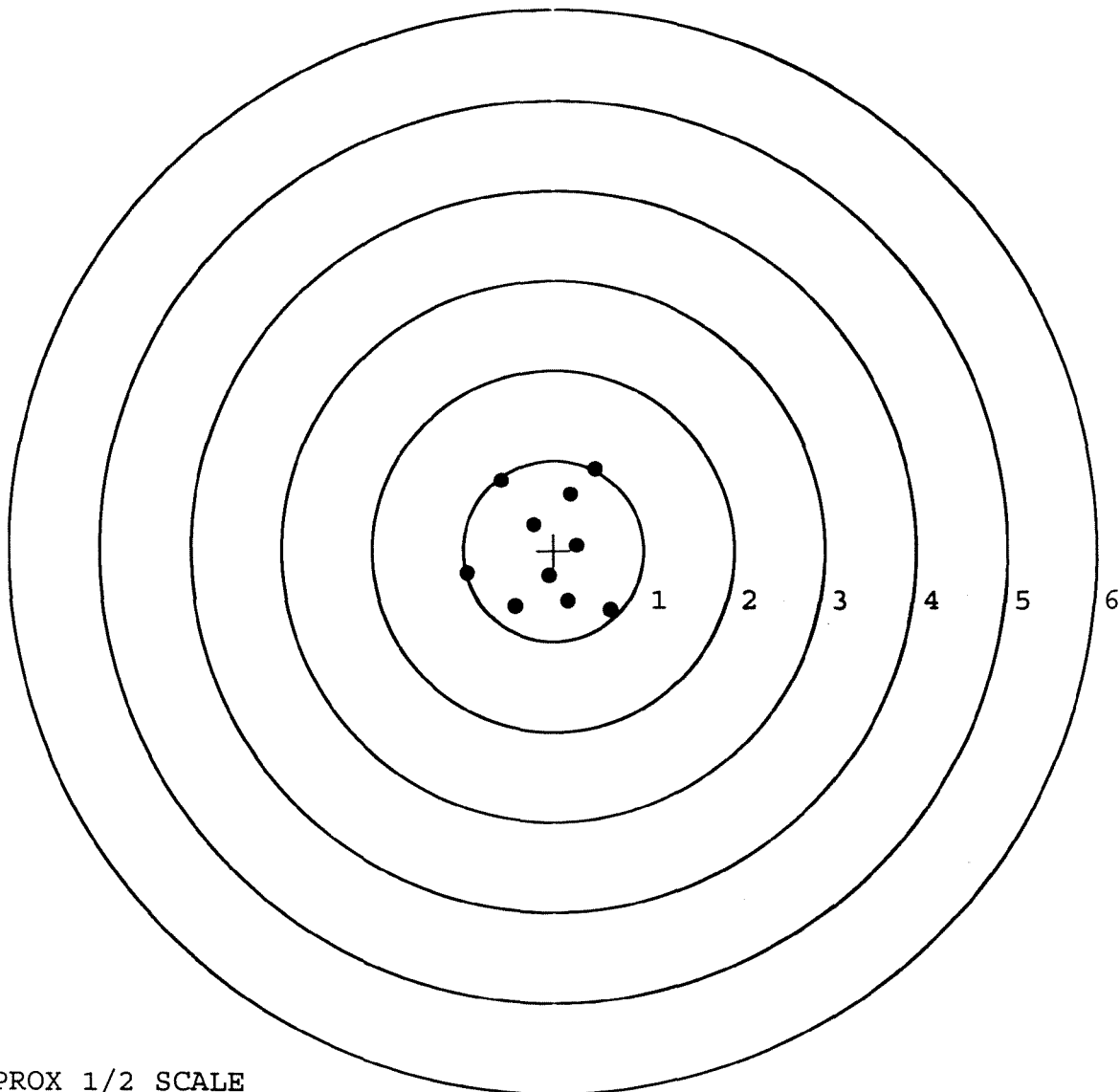
TARGET APPROX 1/2 SCALE

BARBER - M24 0000465

SERIAL NUMBER: G6731463. __0
 TARGET NUMBER: 5
 FILE DATE: 03/18/2008
 FILE TIME: 08:13

POINT#	X	Y
1:	0.465	0.906
2:	0.189	0.626
3:	-0.577	0.776
4:	-0.226	0.292
5:	0.254	0.056
6:	-0.954	-0.258
7:	0.639	-0.661
8:	0.160	-0.562
9:	-0.424	-0.621
10:	-0.057	-0.285

X CENTROID: -0.053
 Y CENTROID: 0.027
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.593
 VERT SPREAD: 1.567
 GROUP SPREAD: 1.835
 MIN RADIUS: 0.308
 MAX RADIUS: 1.020
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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66731463

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BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



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BARREL LENGTH 24"

CAPACITY 6

G6731463

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