

BARBER - M24 0169303

G 659 / 664

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

BARBER - M24 0169303 M2400169342

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



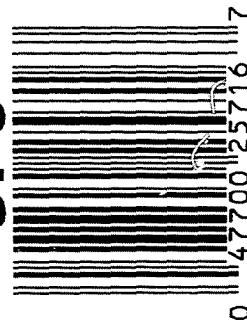
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591664

UPC



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591664

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-3-06	BLG
420	ASSEMBLE ACTION		8-3-06	BLG
430	ASSEMBLE TO STOCK		8-4-06	DK
440	PROOF	MAGNA-FLUX	8-4-06	BLG
460	CHECK HEADSPACE	INSPECTED	8-4-06	BLG
470	DIS-ASSEMBLE ACTION	AUG 17 2006	8-4-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	8/17/06	<u>mm</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)		8/21/06	TRW
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		8-21-06	mm
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-21-06	mm
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-21-06	mm
	D) OIL FIRING PIN ASSEMBLY		8-30-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/13/06	mm

F004 REV 5/2006

OP #	GARBARION NAME	59307	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>60</u>	<u>60</u>	<u>5.5</u>	8-31-06	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>25</u>	<u>25</u>	<u>2.5</u>	8-31-06	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY					10/13/06	WCH		
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.024</u>	<u>.024</u>	8-31-06	DA		
	J) ASSEMBLE STOCK					8-30-06	BLG		
	K) ASSEMBLE SWIVEL STUDS					10/13/06	WCH		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					8-30-06	BLG		
	M) IRON SIGHT ALIGNMENT					8-30-06	BLG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					8-30-06	BLG		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		8-30-06	K.P.D.		
	MALFUNCTION		N/A						
	CORRECTION								
	MALFUNCTION								
	CORRECTION								
	MALFUNCTION								
	MALFUNCTION								
	MALFUNCTION								
660	INSPECT FOR LIVE AMMO					8/30/06	K.P.D.		
670	FINAL INSPECTION A) HEADSPACE					10/13/06	WCH		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u>	<u>2.69</u>	<u>2.60</u>	<u>2.79</u>	<u>2.63</u>	8-31-06	DA
	C) FUNCTION					10/13/06	WCH		
690	PACK					11/2/06	DA		

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BARBER - M24 046990169346

AVERAGE PULL FORCE BETWEEN BARBER - M24 0169308

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 8-30-06

TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	249	229		237	
PULL #2	242	226		240	
PULL #3	258	235		232	
PULL #4	254	252		237	
PULL #5	250	253		236	
TOTAL	1253	1195		1186	
AVERAGE	250	239		236	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	313	303		
PULL #2	308	287		
PULL #3	300	284		
PULL #4	291	283		
PULL #5	291	282		
TOTAL	1503	1439		
AVERAGE	300	287		

	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	412	420		424
PULL #2	426	419		426
PULL #3	403	405		437
PULL #4	411	409		419
PULL #5	420	405		419
TOTAL	2072	2058		2125
AVERAGE	414	411		425

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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BARBER - M24 0169308 169347

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591664.___0
FILE DATE AND TIME: 08/30/2006 19:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.006
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.725
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.177
The Distance from Centroid Target #4 to Centroid Target #1:	0.247
The Distance from Centroid Target #5 to Centroid Target #1:	0.164

BARBER - M24 0169310

SERIAL NUMBER: G6591664. __ 0

TARGET NUMBER: 1

FILE DATE: 08/30/2006

FILE TIME: 19:47

POINT#	X	Y
1:	-0.183	-1.234
2:	0.592	0.207
3:	0.274	0.449
4:	-0.562	0.700
5:	-0.914	0.347
6:	-0.606	0.142
7:	-0.131	0.062
8:	-0.209	-0.231
9:	0.019	-0.526
10:	0.127	-0.305

X CENTROID: -0.159

Y CENTROID: -0.039

POA TO CENTROID: 0.164

HORZ SPREAD: 1.506

VERT SPREAD: 1.934

GROUP SPREAD: 1.971

MIN RADIUS: 0.105

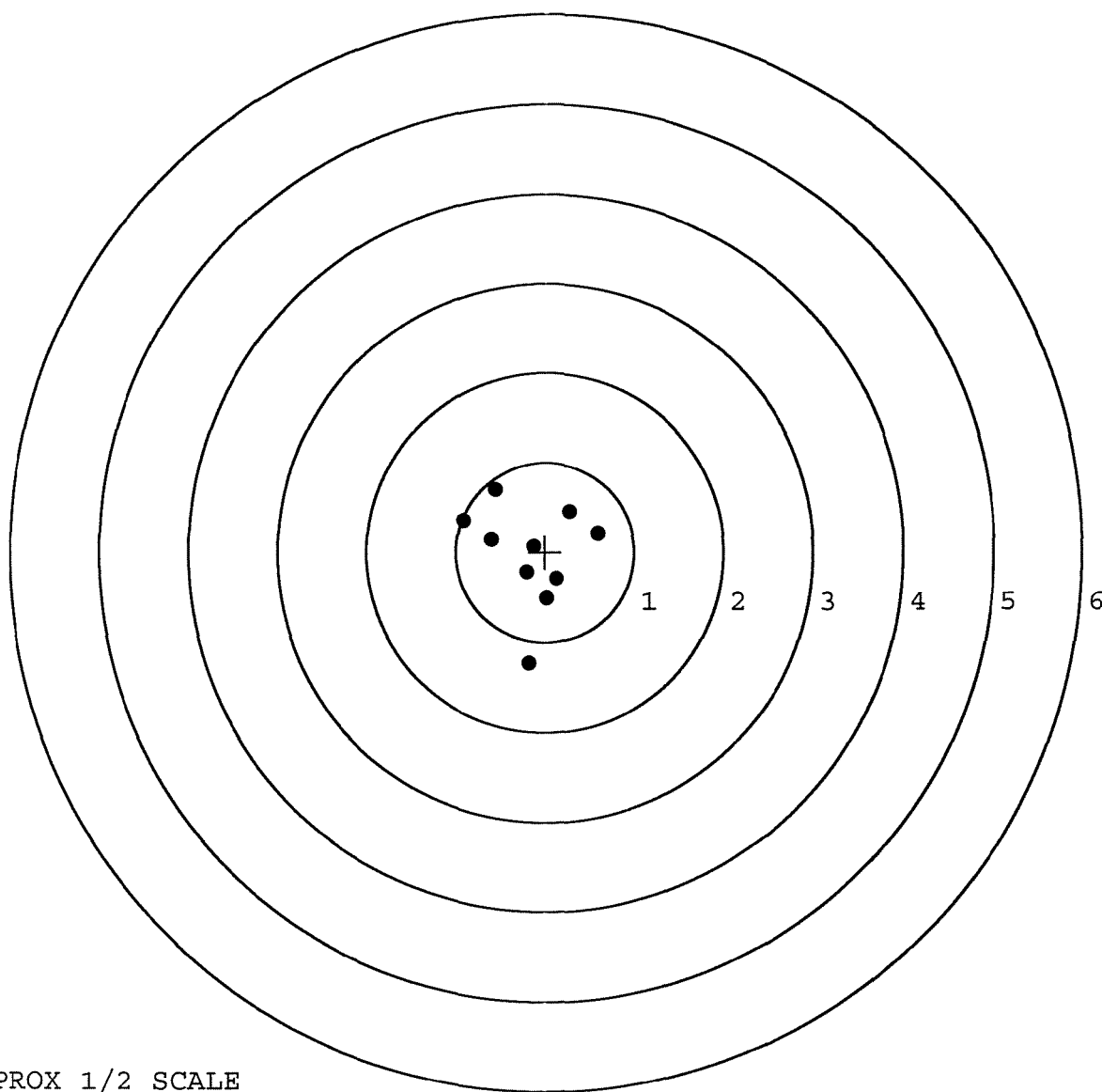
MAX RADIUS: 1.195

MEAN RADIUS: 0.602

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169311

SERIAL NUMBER: G6591664. __0

TARGET NUMBER: 2

FILE DATE: 08/30/2006

FILE TIME: 19:47

POINT#	X	Y
1:	0.247	-0.833
2:	-0.418	-0.693
3:	-0.349	-0.464
4:	-0.783	-0.050
5:	-0.088	0.692
6:	0.445	0.073
7:	0.106	-0.192
8:	0.399	-0.411
9:	0.492	-0.235
10:	0.297	-0.002

X CENTROID: 0.035

Y CENTROID: -0.211

POA TO CENTROID: 0.214

HORZ SPREAD: 1.275

VERT SPREAD: 1.525

GROUP SPREAD: 1.561

MIN RADIUS: 0.074

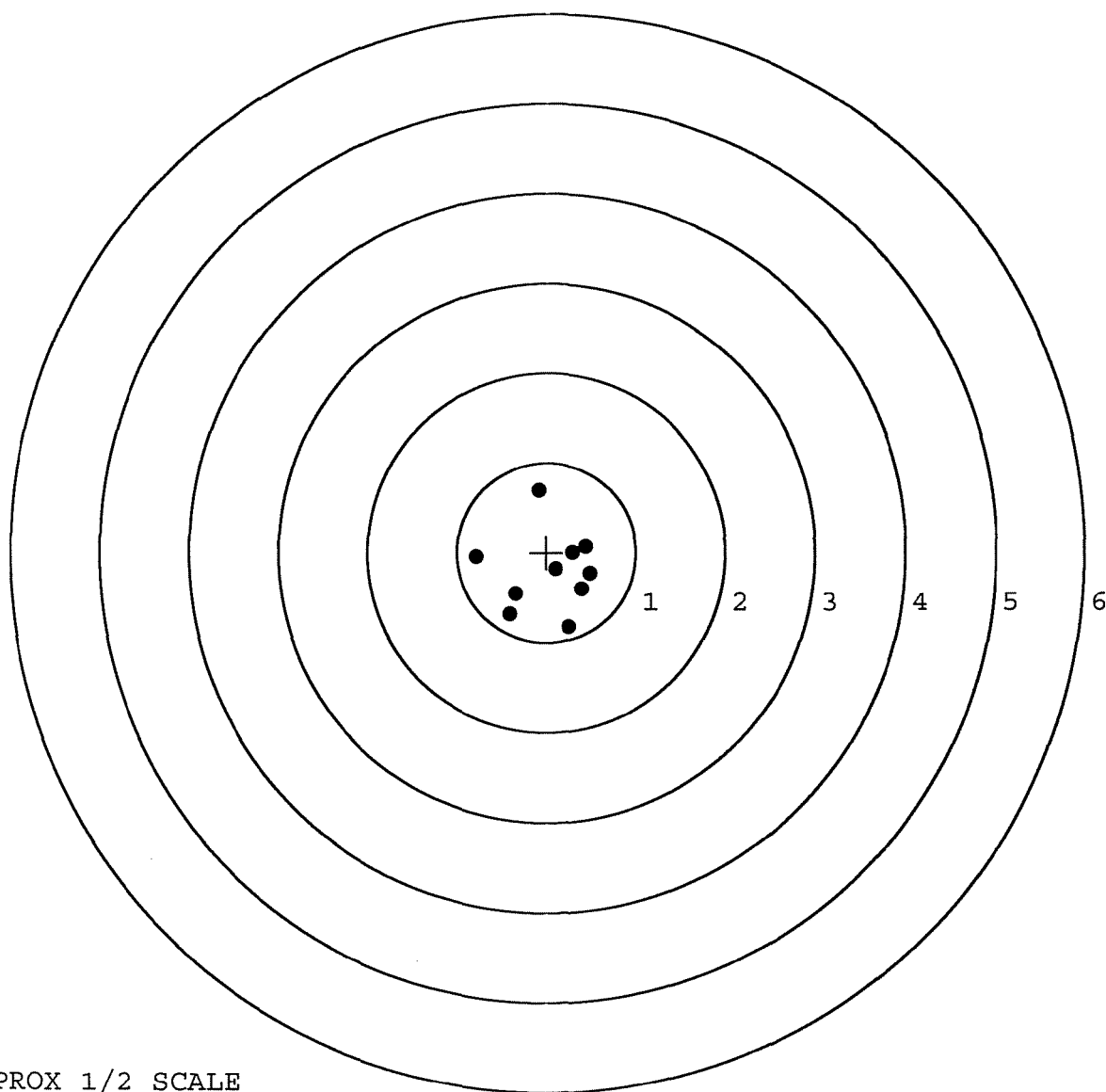
MAX RADIUS: 0.912

MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169312

SERIAL NUMBER: G6591664. __0

TARGET NUMBER: 3

FILE DATE: 08/30/2006

FILE TIME: 19:47

POINT#	X	Y
1:	-0.904	-1.179
2:	0.964	-1.027
3:	-0.376	1.584
4:	-0.859	0.437
5:	-0.928	0.084
6:	-0.280	0.250
7:	0.152	0.235
8:	0.398	-0.142
9:	0.748	0.335
10:	1.140	-0.329

X CENTROID: 0.005

Y CENTROID: 0.025

POA TO CENTROID: 0.025

HORZ SPREAD: 2.068

VERT SPREAD: 2.763

GROUP SPREAD: 2.935

MIN RADIUS: 0.256

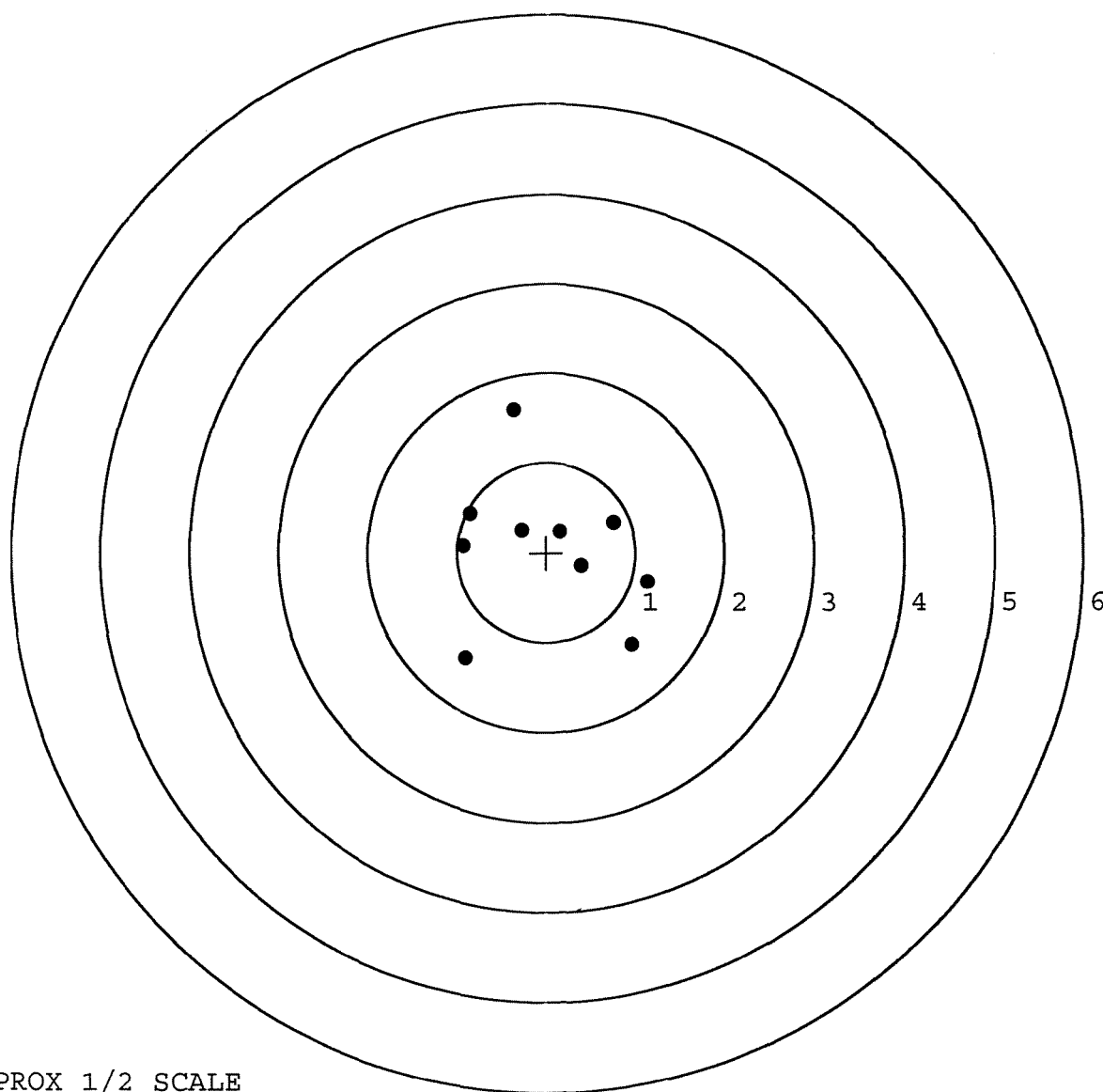
MAX RADIUS: 1.605

MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169313

SERIAL NUMBER: G6591664. __0

TARGET NUMBER: 4

FILE DATE: 08/30/2006

FILE TIME: 19:47

POINT#	X	Y
1:	0.020	1.145
2:	-0.936	0.576
3:	0.389	0.456
4:	0.047	0.397
5:	0.922	0.089
6:	0.823	-0.696
7:	0.066	-0.116
8:	0.163	-0.600
9:	-0.257	-0.579
10:	-0.366	-0.985

X CENTROID: 0.087

Y CENTROID: -0.031

POA TO CENTROID: 0.093

HORZ SPREAD: 1.858

VERT SPREAD: 2.130

GROUP SPREAD: 2.171

MIN RADIUS: 0.087

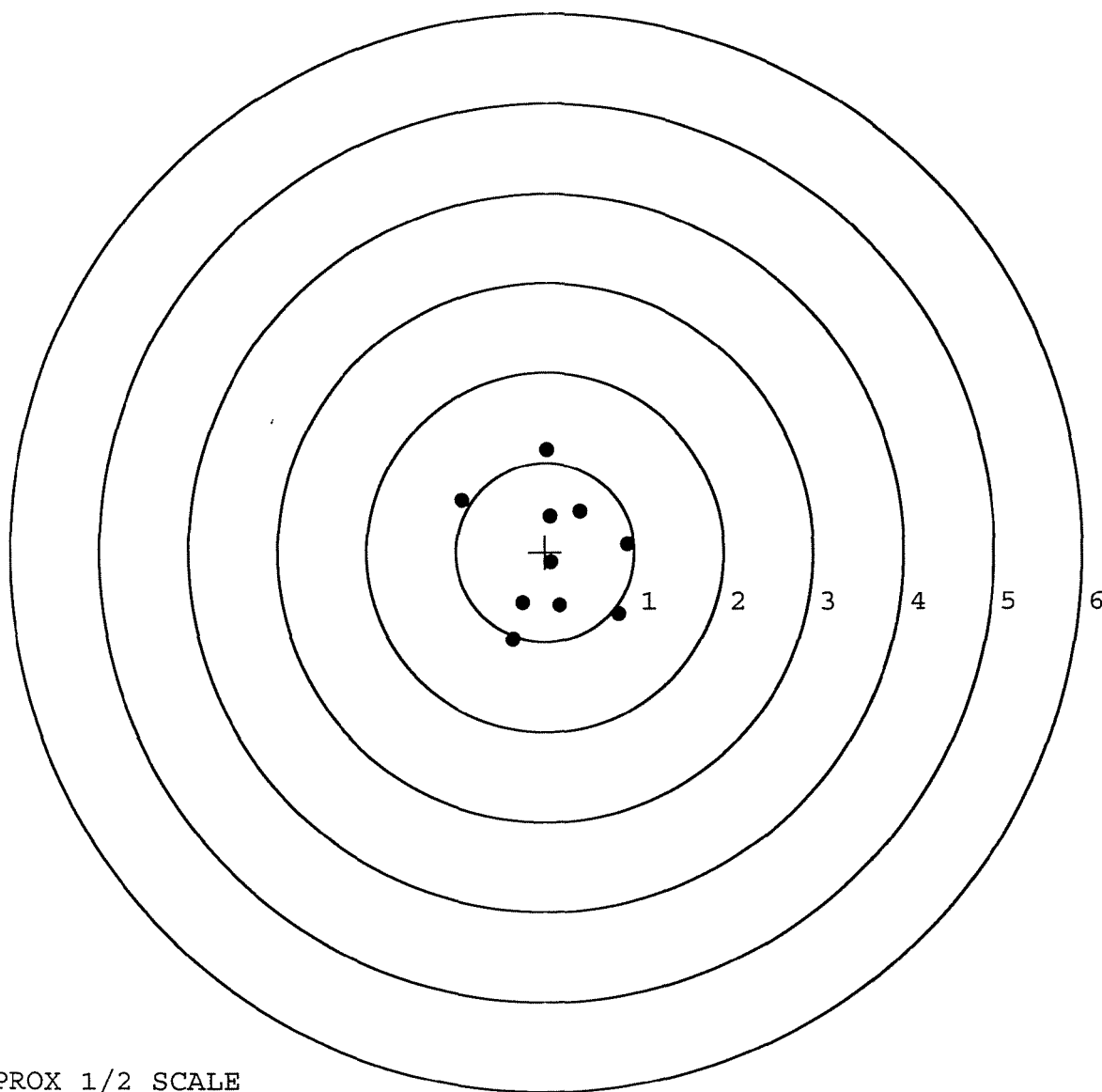
MAX RADIUS: 1.190

MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169314

SERIAL NUMBER: G6591664. __0

TARGET NUMBER: 5

FILE DATE: 08/30/2006

FILE TIME: 19:47

POINT#	X	Y
1:	0.469	1.299
2:	0.854	0.043
3:	0.751	-0.495
4:	0.491	-0.985
5:	0.252	-0.385
6:	-0.347	-0.316
7:	-0.400	-0.002
8:	-0.525	0.550
9:	-1.110	0.291
10:	-0.405	-0.185

X CENTROID: 0.003

Y CENTROID: -0.019

POA TO CENTROID: 0.019

HORZ SPREAD: 1.964

VERT SPREAD: 2.284

GROUP SPREAD: 2.284

MIN RADIUS: 0.403

MAX RADIUS: 1.397

MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

