

BARBER - M24 0100878

G 652 / 446

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

BARBER - M24 0100878 M2400100917

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

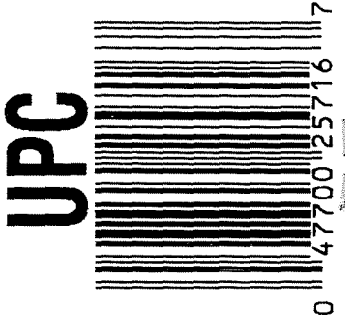
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6521446



ORDER **25716**
M/24 7.62 NATO S.W.S. (COMPLETE SYSTE
UPC



ORDER **25716**
M/24 7.62 NATO S.W.S. (COMPLETE SYSTE
UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521446

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-16-06	RTZ
440	PROOF		1/17/06	mqd
460	CHECK HEADSPACE	MAGNAFLUX INSPECTED	1/17/06	mqd
470	DIS-ASSEMBLE ACTION	JAN 20 2006	1/17/06	mqd
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP 480 OPERATOR <u>CPA</u>	1/20/06	APD
500	ROLLMARK CALIBER		1-19-06	CW
510	DRILL AND TAP SIGHT HOLES		1-19-06	TRW
520	GOFF BLAST BBL / REC		1-20-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/25	HT
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-30-06	BG
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-30-06	BG
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-30-06	BG
	D) OIL FIRING PIN ASSEMBLY		1-30-06	Ac
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/8/06	mqd

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>55</u> <u>50</u> <u>50</u>	2/2/06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.5</u> <u>2.0</u>	2/2/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		3/8/06	MJD
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	3/8/06	MJD
	J) ASSEMBLE STOCK		1-31-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		3/8/06	MJD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-36-06	RTZ
	M) IRON SIGHT ALIGNMENT		1-36-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-36-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL PASS FAIL	2-2-06	TRW
	MALFUNCTION <i>D G</i>	CORRECTION <i>OK</i>	2-2-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-2-06 2/1/06	KH MJD
670	FINAL INSPECTION A) HEADSPACE		3/8/06	MJD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.70</u> <u>2.50</u> <u>2.60</u> <u>2.51</u> <u>2.67</u>	2/2/06	DA
	C) FUNCTION		3/8/06	MJD
690	PACK		3-27-06	RJA

BARBER - M24 0100883
**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 1-24-06

 TESTER R.P

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.55		2.53	
PULL #2	2.61	2.61		2.45	
PULL #3	2.57	2.68		2.45	
PULL #4	2.39	2.54		2.62	
PULL #5	2.61	2.60		2.44	
TOTAL	12.75	12.98		12.49	
AVERAGE	2.55	2.59		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.09		
PULL #2	2.99	2.99		
PULL #3	3.20	3.21		
PULL #4	3.29	2.93		
PULL #5	3.20	3.09		
TOTAL	15.73	15.31		
AVERAGE	3.14	3.06		

	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	4.17	4.07		4.14
PULL #2	4.30	3.96		4.25
PULL #3	4.26	4.01		4.19
PULL #4	4.06	3.81		4.16
PULL #5	3.96	4.12		4.19
TOTAL	20.75	19.97		20.93
AVERAGE	4.15	3.99		4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521446.___0
FILE DATE AND TIME: 02/02/2006 02:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.044
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.755
The Distance from POA to Centroid Target #1:	0.189
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.362
The Distance from Centroid Target #4 to Centroid Target #1:	0.092
The Distance from Centroid Target #5 to Centroid Target #1:	0.348

BARBER - M24 0100885

SERIAL NUMBER: G6521446. __0

TARGET NUMBER: 1

FILE DATE: 02/02/2006

FILE TIME: 02:55

X CENTROID: 0.107

Y CENTROID: 0.156

POA TO CENTROID: 0.189

HORZ SPREAD: 1.824

VERT SPREAD: 2.526

GROUP SPREAD: 3.116

MIN RADIUS: 0.084

MAX RADIUS: 1.574

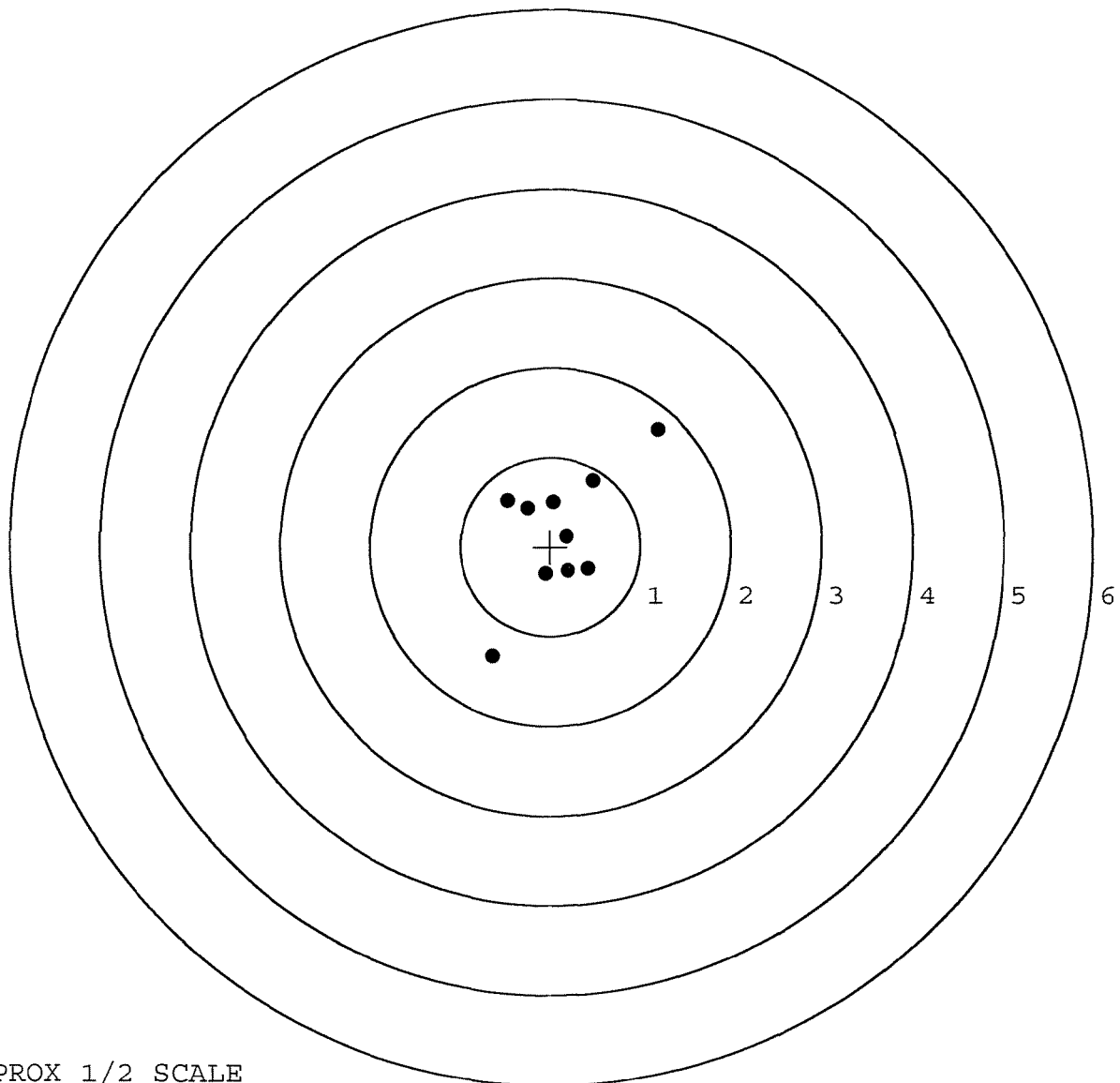
MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.637	-1.225
2:	1.187	1.301
3:	0.476	0.736
4:	0.033	0.496
5:	-0.254	0.428
6:	-0.479	0.516
7:	0.182	0.117
8:	0.422	-0.240
9:	0.199	-0.268
10:	-0.056	-0.301



TARGET APPROX 1/2 SCALE

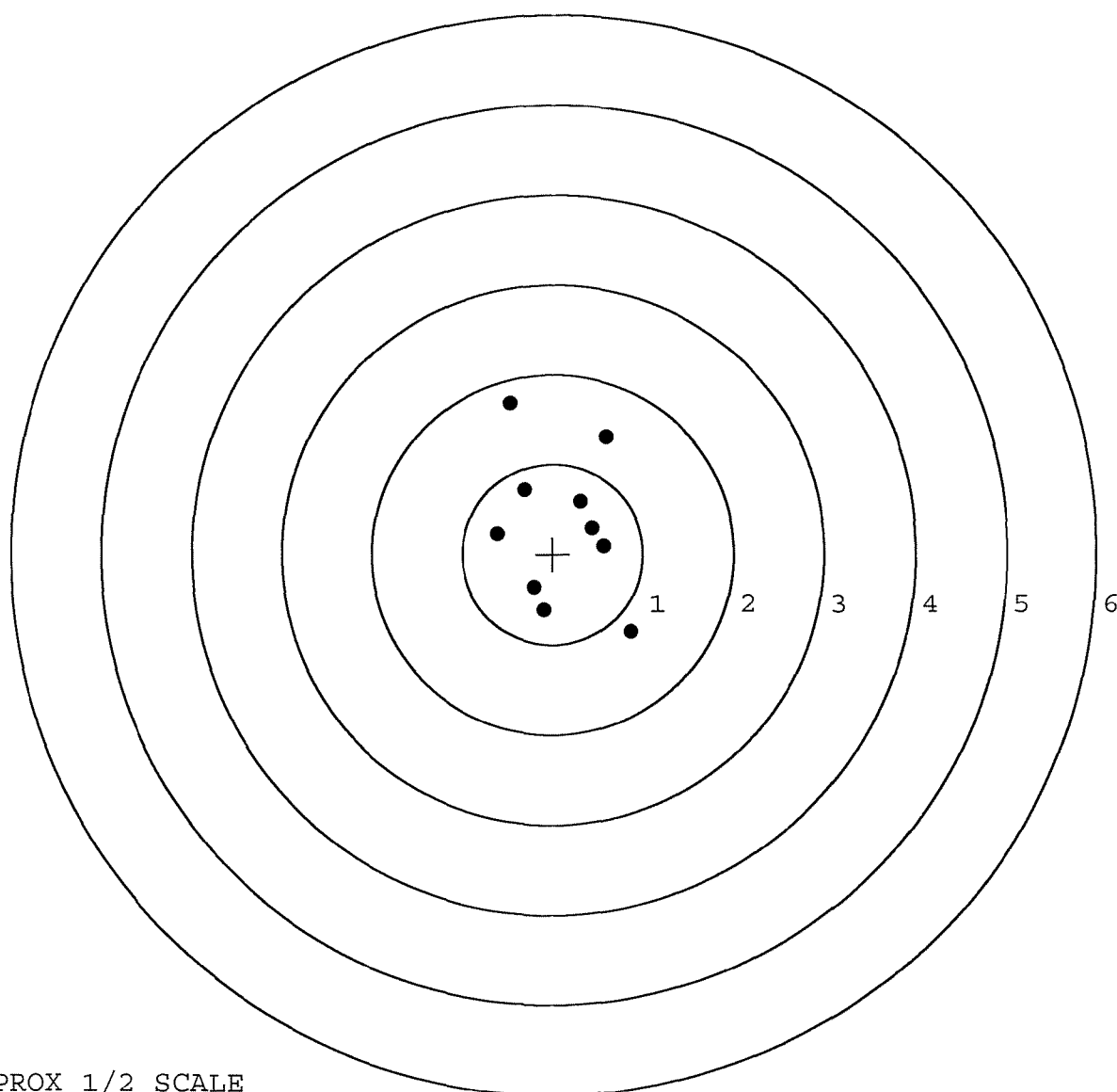
BARBER - M24 0100886

SERIAL NUMBER: G6521446. __0
TARGET NUMBER: 2
FILE DATE: 02/02/2006
FILE TIME: 02:55

X CENTROID: 0.107
Y CENTROID: 0.300
POA TO CENTROID: 0.319
HORZ SPREAD: 1.483
VERT SPREAD: 2.542
GROUP SPREAD: 2.876
MIN RADIUS: 0.335
MAX RADIUS: 1.497
MEAN RADIUS: 0.818

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

POINT#	X	Y
1:	0.871	-0.863
2:	0.567	0.089
3:	0.442	0.283
4:	0.313	0.577
5:	0.588	1.302
6:	-0.314	0.707
7:	-0.612	0.221
8:	-0.475	1.679
9:	-0.210	-0.371
10:	-0.096	-0.625



TARGET APPROX 1/2 SCALE

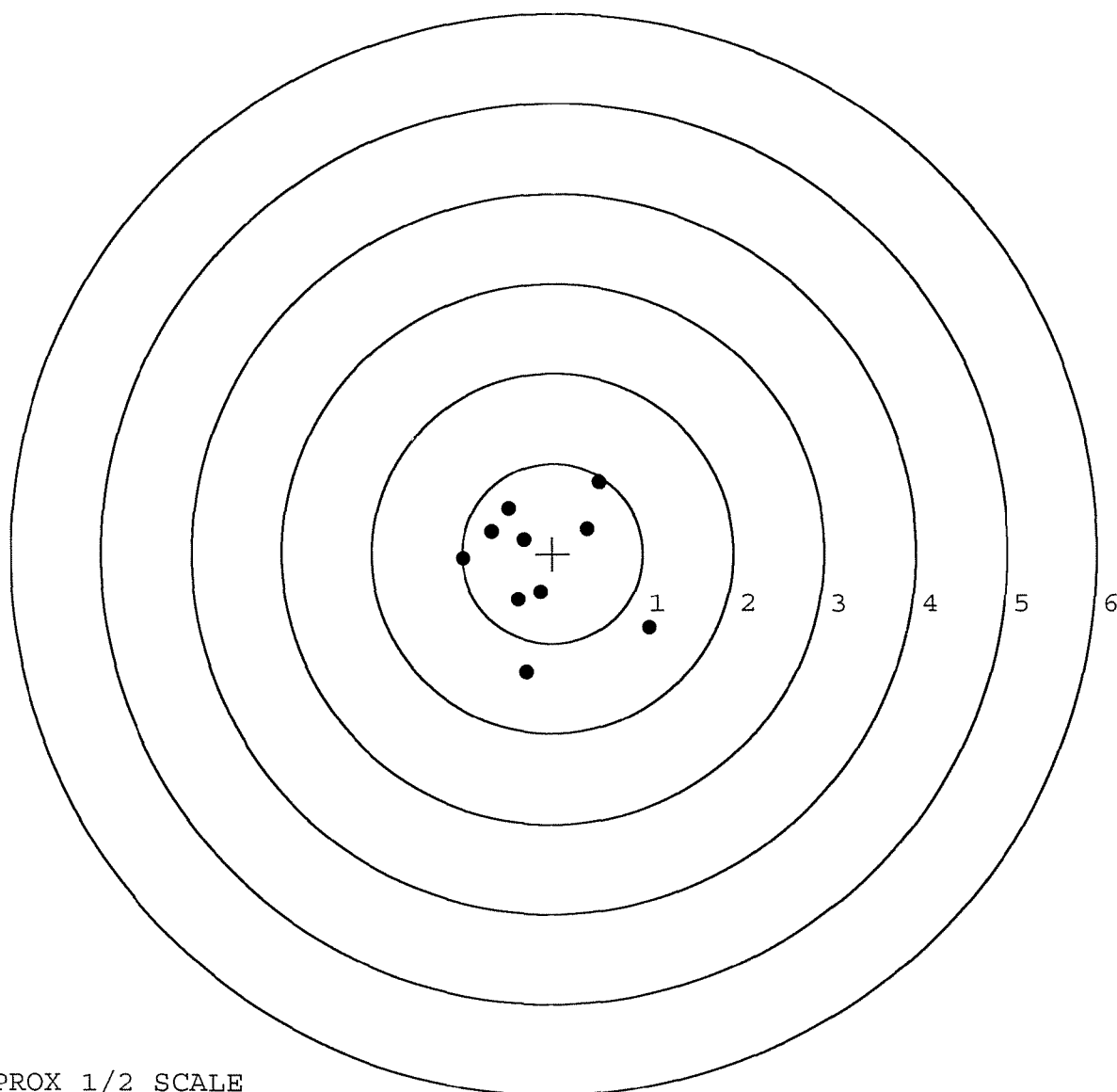
BARBER - M24 0100887

SERIAL NUMBER: G6521446. __0
TARGET NUMBER: 3
FILE DATE: 02/02/2006
FILE TIME: 02:55

X CENTROID: -0.128
Y CENTROID: -0.119
POA TO CENTROID: 0.175
HORZ SPREAD: 2.069
VERT SPREAD: 2.111
GROUP SPREAD: 2.210
MIN RADIUS: 0.311
MAX RADIUS: 1.402
MEAN RADIUS: 0.772

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

POINT#	X	Y
1:	1.078	-0.833
2:	-0.284	-1.321
3:	0.514	0.790
4:	0.387	0.272
5:	-0.991	-0.055
6:	-0.380	-0.515
7:	-0.130	-0.430
8:	-0.317	0.159
9:	-0.671	0.246
10:	-0.488	0.499



TARGET APPROX 1/2 SCALE

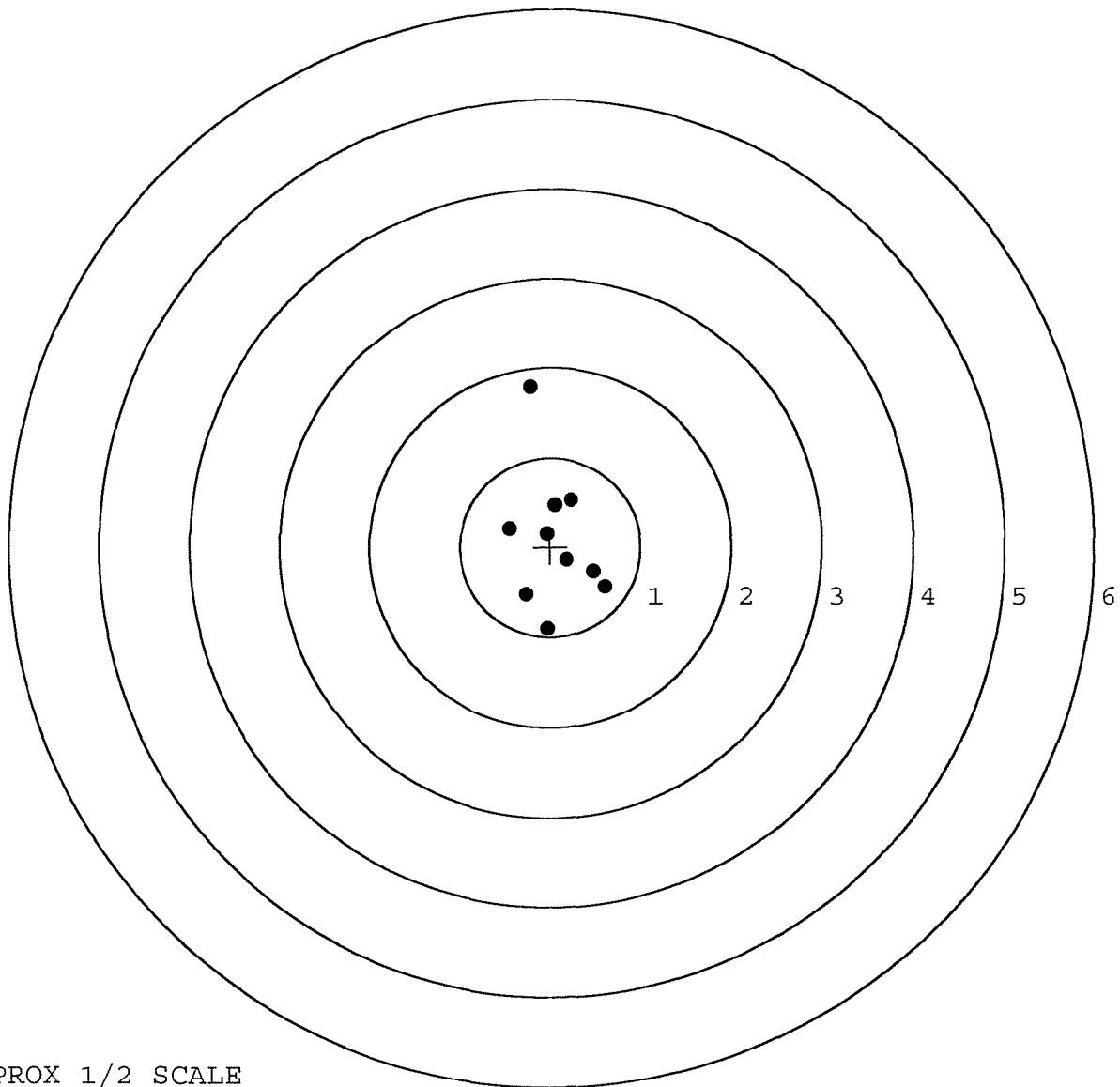
BARBER - M24 0100888

SERIAL NUMBER: G6521446. __0
TARGET NUMBER: 4
FILE DATE: 02/02/2006
FILE TIME: 02:55

X CENTROID: 0.052
Y CENTROID: 0.083
POA TO CENTROID: 0.098
HORZ SPREAD: 1.070
VERT SPREAD: 2.695
GROUP SPREAD: 2.702
MIN RADIUS: 0.114
MAX RADIUS: 1.720
MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.039	-0.915
2:	-0.267	-0.533
3:	-0.459	0.213
4:	0.611	-0.446
5:	0.480	-0.268
6:	0.180	-0.144
7:	-0.229	1.780
8:	0.231	0.523
9:	0.052	0.469
10:	-0.040	0.150



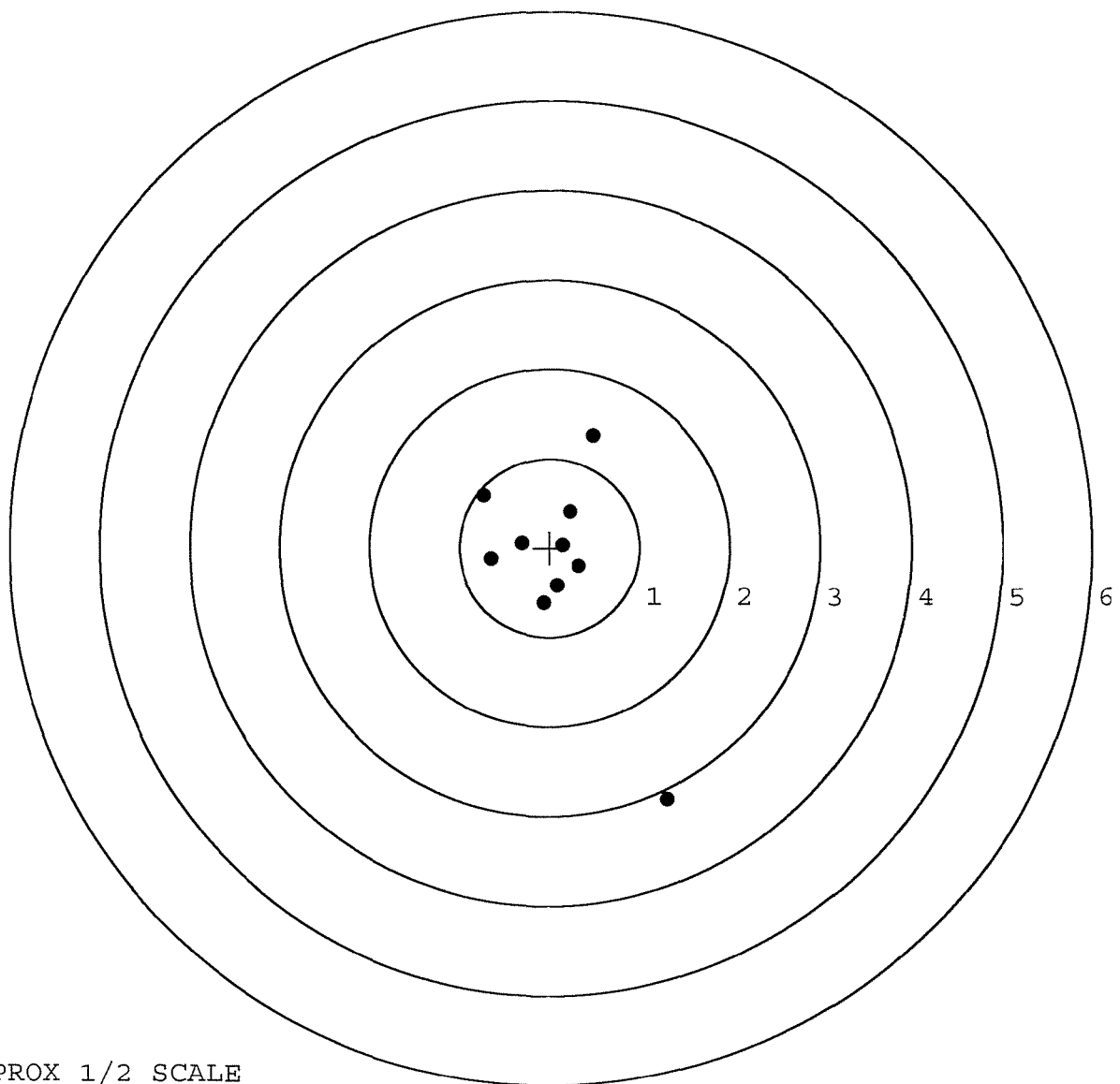
TARGET APPROX 1/2 SCALE

BARBER - M24 0100889

SERIAL NUMBER: G6521446. __0
TARGET NUMBER: 5
FILE DATE: 02/02/2006
FILE TIME: 02:55

POINT#	X	Y
1:	0.490	1.254
2:	-0.731	0.583
3:	-0.652	-0.133
4:	-0.312	0.052
5:	0.229	0.400
6:	0.141	0.029
7:	0.323	-0.212
8:	0.088	-0.433
9:	-0.061	-0.623
10:	1.315	-2.825

X CENTROID: 0.083
Y CENTROID: -0.191
POA TO CENTROID: 0.208
HORZ SPREAD: 2.046
VERT SPREAD: 4.079
GROUP SPREAD: 4.162
MIN RADIUS: 0.227
MAX RADIUS: 2.908
MEAN RADIUS: 0.851
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE