

G 629 6779

M/24 .300 WIN MAG (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL .300 WIN MAG

- INSTRUCTION BOOK 3518

DD FORM 200348



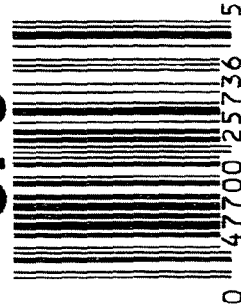
ORDER NO. **25736**

BARREL LENGTH **24"**

CAPACITY **5**

G6296779

UPC



ORDER 25736

M/24 .300 WIN MAG (RIFLE ONLY)

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M/24 .300 WIN MAG (RIFLE ONLY)

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6296779

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		1-31-05	RTZ
600	PROOF		1-31-05	RTZ
607	CHECK HEADSPACE	MAGNA-FLUX	1-31-05	RTZ
610	DIS-ASSEMBLE GUN	INSPECTED	1-31-05	RTZ
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	JAN 31 2005 OPERATOR 		
615	ROLLMARK CALIBER		1-31-05	CW
617	DRILL AND TAP SIGHT HOLES		1-31-05	TRW
620	APPLY COATINGS (BARREL ACTION)		2/1/05	TRW
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		2-16-05	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-15-05	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-15-05	RTZ
	D) OIL FIRING PIN ASSEMBLY		2-16-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>	2-23-05	AC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2 lbs</u> <u>2 lbs</u> <u>2 lbs</u>	2-23-05	AC
	H) TRIGGER PULL TEST AND RETAINABILITY		X	X
	I) FIRING PIN INDENT .020 MIN		X	X
	J) ASSEMBLE STOCK		2-21-05	RTZ
	K) ASSEMBLE SWIVEL STUDS		2-24-05	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		X	X
	M) IRON SIGHT ALIGNMENT		X	X
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		X	X
640	GALLERY TEST AND TARGET	<u>PASS</u> FAIL	2-22-05	TRW
	MALFUNCTION JM	CORRECTION OK	2-23-05	AC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION NA		
	MALFUNCTION	CORRECTION		
645	INSPECT FOR LIVE AMMO		2-22-05	AC
655	FINAL INSPECTION A) HEADSPACE		2-23-05	AC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.52</u> <u>2.59</u> <u>2.61</u> <u>2.48</u> <u>2.49</u>	2-24-05	TRW
	C) FUNCTION		2-23-05	AC
660	PACK		2-25-05	RTA

BARBER - M24-0159339
 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)

SERIAL NO. _____

DATE 2-14-05

TESTER TRLJ

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.41	2.46		2.38	
PULL #2	2.50	2.27		2.33	
PULL #3	2.56	2.36		2.22	
PULL #4	2.65	2.48		2.16	
PULL #5	2.72	2.37		2.15	
TOTAL	12.84	11.94		11.24	
AVERAGE	2.56	2.38		2.24	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.09		
PULL #2	3.07	2.98		
PULL #3	3.05	3.14		
PULL #4	3.07	3.21		
PULL #5	3.02	3.11		
TOTAL	15.35	15.53		
AVERAGE	3.07	3.10		

	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	4.10	4.23		4.27
PULL #2	4.28	4.16		4.42
PULL #3	4.23	4.18		4.40
PULL #4	4.20	4.13		4.39
PULL #5	4.22	4.13		4.36
TOTAL	21.03	20.83		21.84
AVERAGE	4.20	4.16		4.36

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296779.__0
FILE DATE AND TIME: 02/22/2005 10:52

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:	0.049
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.933
The Distance from POA to Centroid Target #1:	0.244
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.345
The Distance from Centroid Target #5 to Centroid Target #1:	0.296

SERIAL NUMBER: G6296779. 0

TARGET NUMBER: 1

FILE DATE: 02/22/2005

FILE TIME: 10:52

X CENTROID: -0.222

Y CENTROID: 0.100

POA TO CENTROID: 0.244

HORZ SPREAD: 3.276

VERT SPREAD: 3.063

GROUP SPREAD: 3.944

MIN RADIUS: 0.340

MAX RADIUS: 2.129

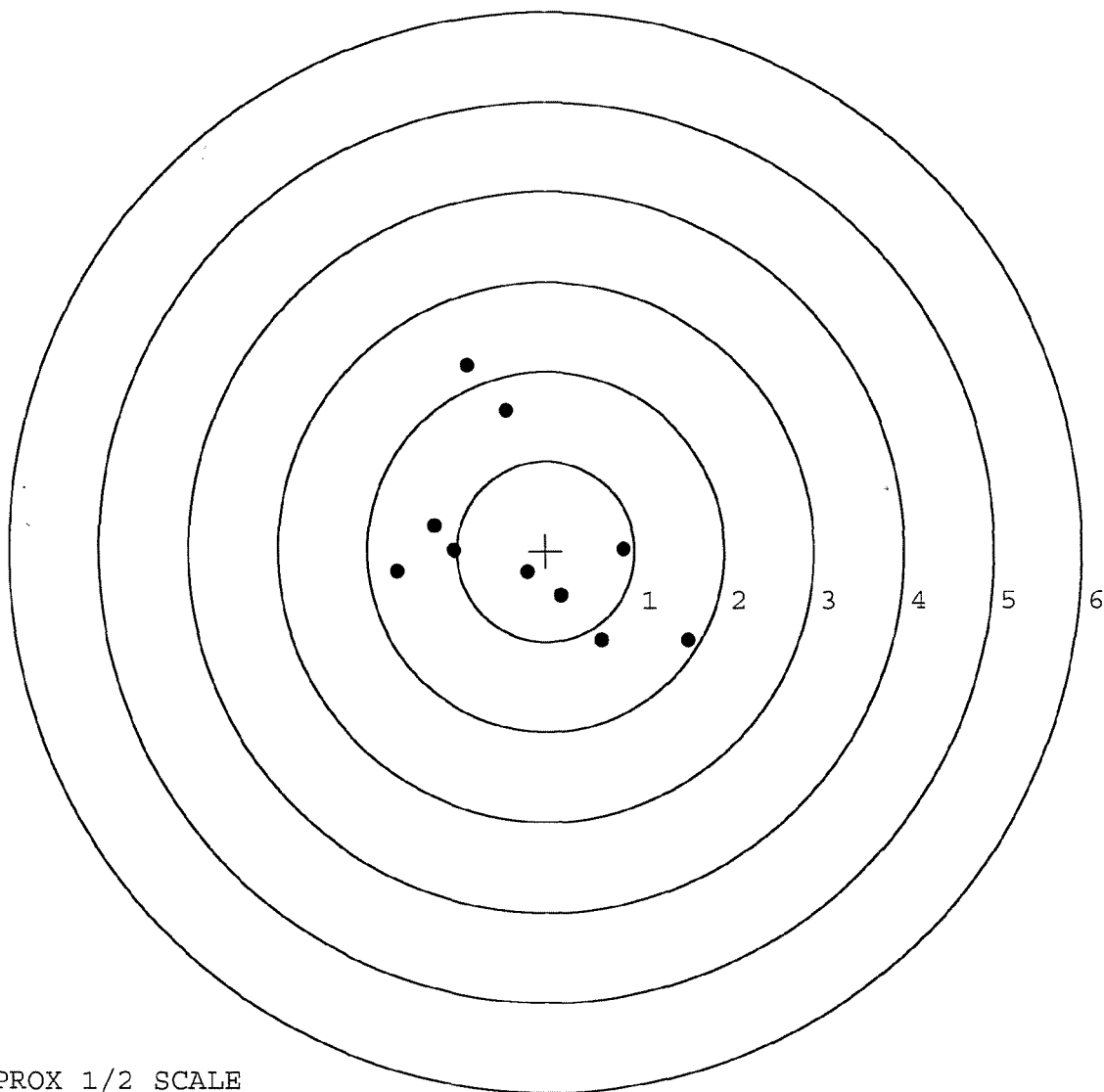
MEAN RADIUS: 1.257

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.605	-0.993
2:	0.629	-0.991
3:	0.874	0.024
4:	0.173	-0.491
5:	-0.207	-0.239
6:	-1.032	0.009
7:	-1.258	0.280
8:	-1.671	-0.231
9:	-0.456	1.564
10:	-0.880	2.070



TARGET APPROX 1/2 SCALE

BARBER - M24 0159342

SERIAL NUMBER: G6296779. 0

TARGET NUMBER: 2

FILE DATE: 02/22/2005

FILE TIME: 10:52

X CENTROID: -0.053

Y CENTROID: 0.031

POA TO CENTROID: 0.061

HORZ SPREAD: 3.235

VERT SPREAD: 2.842

GROUP SPREAD: 4.273

MIN RADIUS: 0.099

MAX RADIUS: 2.664

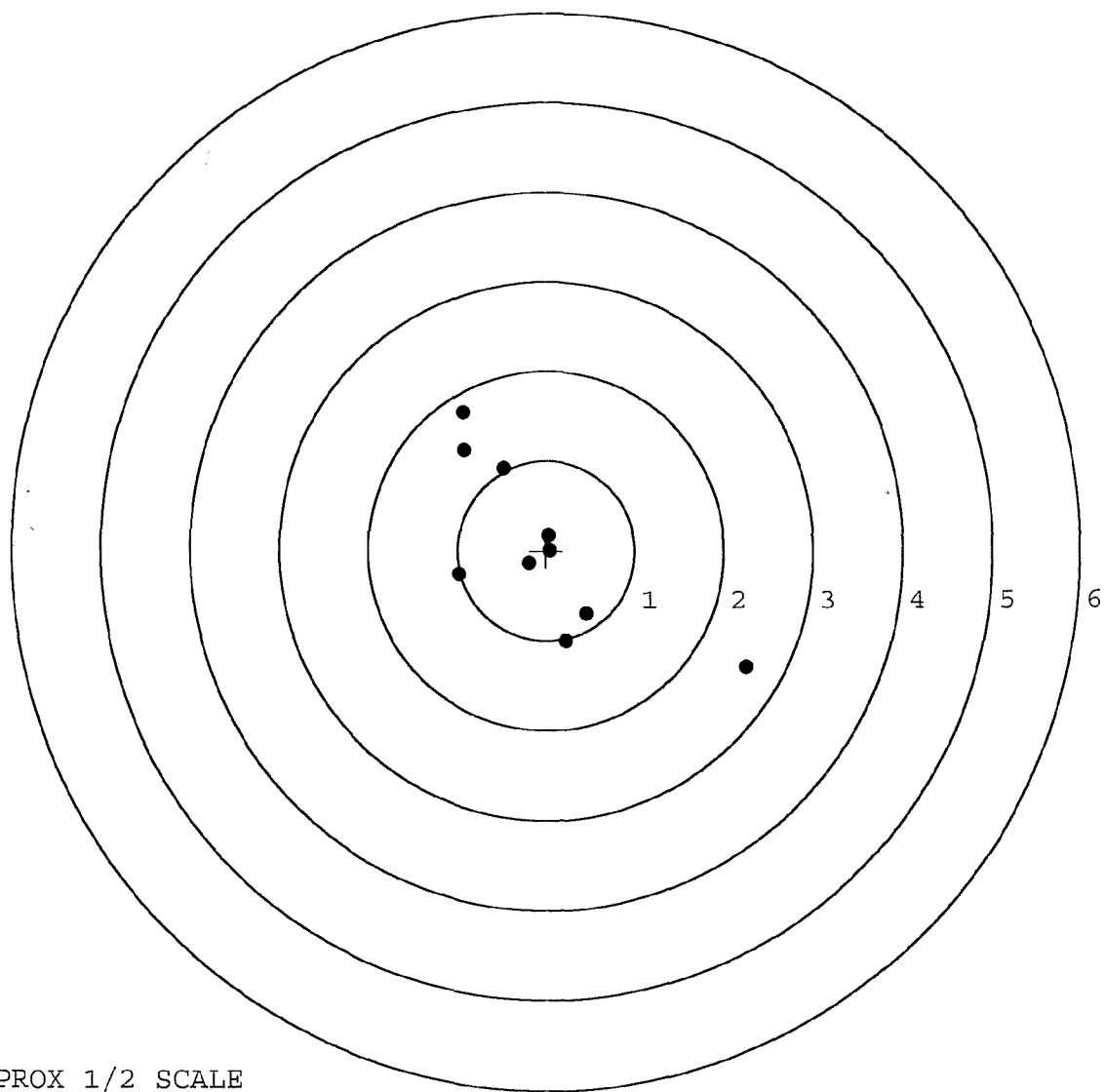
MEAN RADIUS: 1.021

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	2.252	-1.305
2:	0.223	-1.010
3:	0.452	-0.702
4:	-0.983	-0.263
5:	-0.198	-0.141
6:	0.042	0.001
7:	0.033	0.167
8:	-0.485	0.914
9:	-0.922	1.115
10:	-0.939	1.537



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296779. 0

TARGET NUMBER: 3

FILE DATE: 02/22/2005

FILE TIME: 10:52

X CENTROID: -0.072

Y CENTROID: -0.079

POA TO CENTROID: 0.107

HORZ SPREAD: 1.198

VERT SPREAD: 2.059

GROUP SPREAD: 2.061

MIN RADIUS: 0.268

MAX RADIUS: 1.270

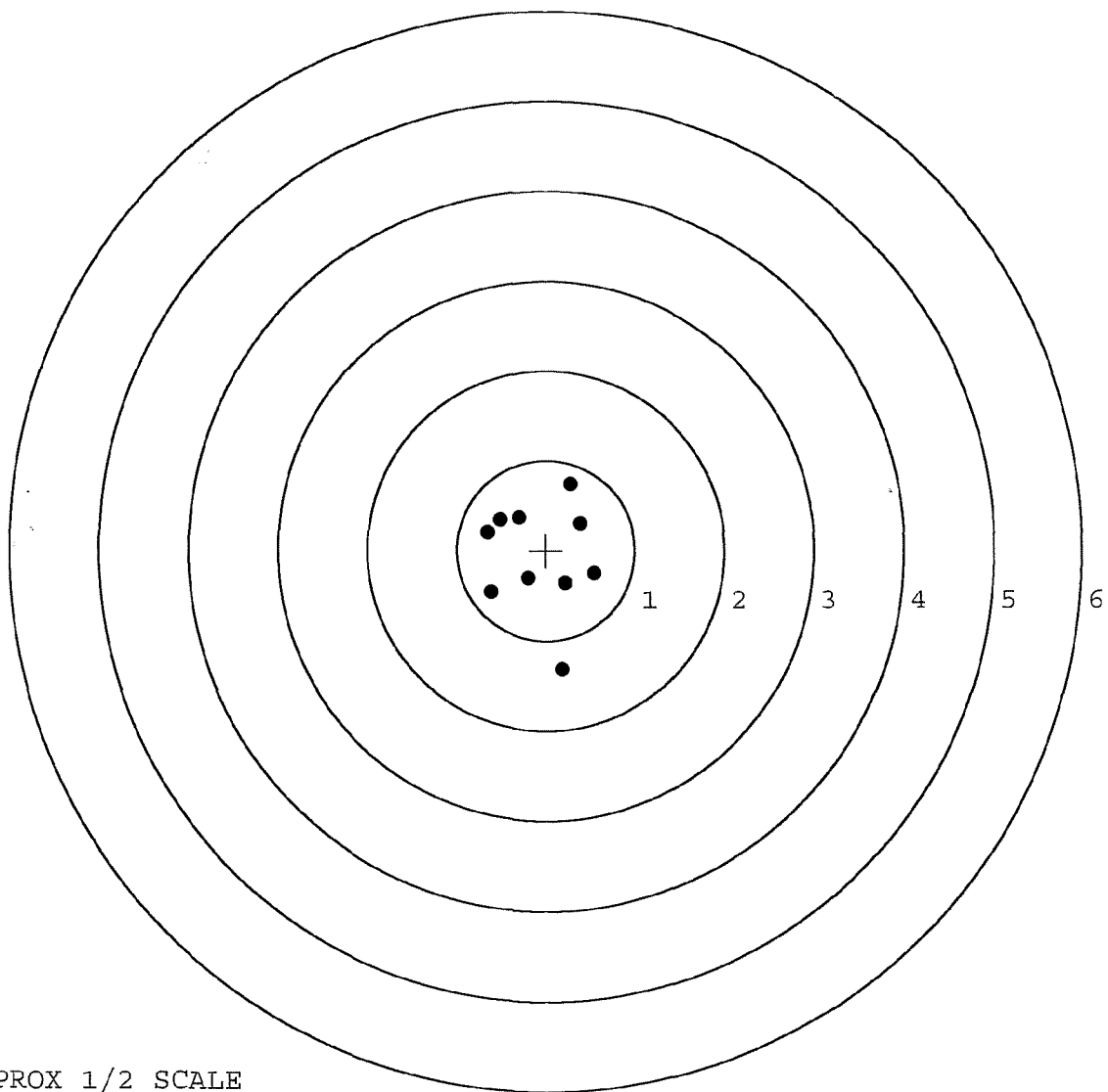
MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.179	-1.324
2:	0.383	0.296
3:	0.279	0.735
4:	-0.311	0.366
5:	-0.523	0.337
6:	-0.657	0.195
7:	-0.626	-0.463
8:	-0.202	-0.313
9:	0.219	-0.366
10:	0.541	-0.256



TARGET APPROX 1/2 SCALE

BARBER - M24 0159344

SERIAL NUMBER: G6296779. __0

TARGET NUMBER: 4

FILE DATE: 02/22/2005

FILE TIME: 10:52

POINT#	X	Y
1:	0.975	0.361
2:	1.412	0.608
3:	0.760	0.747
4:	0.281	0.622
5:	0.162	0.492
6:	-0.613	-0.027
7:	-0.960	-0.123
8:	-1.391	0.845
9:	0.474	-0.886
10:	0.124	-1.540

X CENTROID: 0.122

Y CENTROID: 0.110

POA TO CENTROID: 0.164

HORZ SPREAD: 2.803

VERT SPREAD: 2.385

GROUP SPREAD: 2.826

MIN RADIUS: 0.384

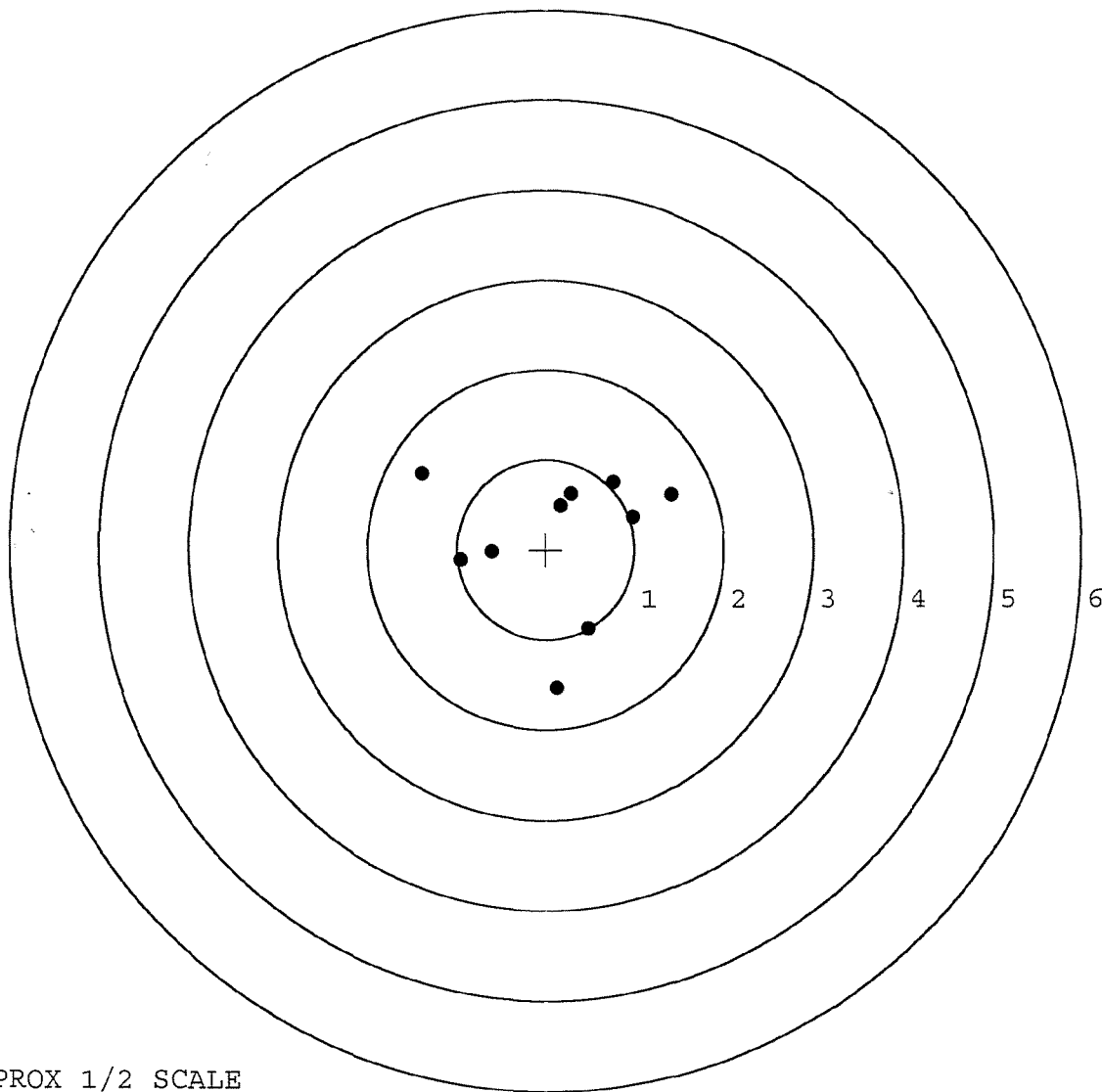
MAX RADIUS: 1.682

MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0159345

SERIAL NUMBER: G6296779. __0

TARGET NUMBER: 5

FILE DATE: 02/22/2005

FILE TIME: 10:52

X CENTROID: 0.073

Y CENTROID: 0.084

POA TO CENTROID: 0.112

HORZ SPREAD: 1.715

VERT SPREAD: 2.073

GROUP SPREAD: 2.544

MIN RADIUS: 0.251

MAX RADIUS: 1.458

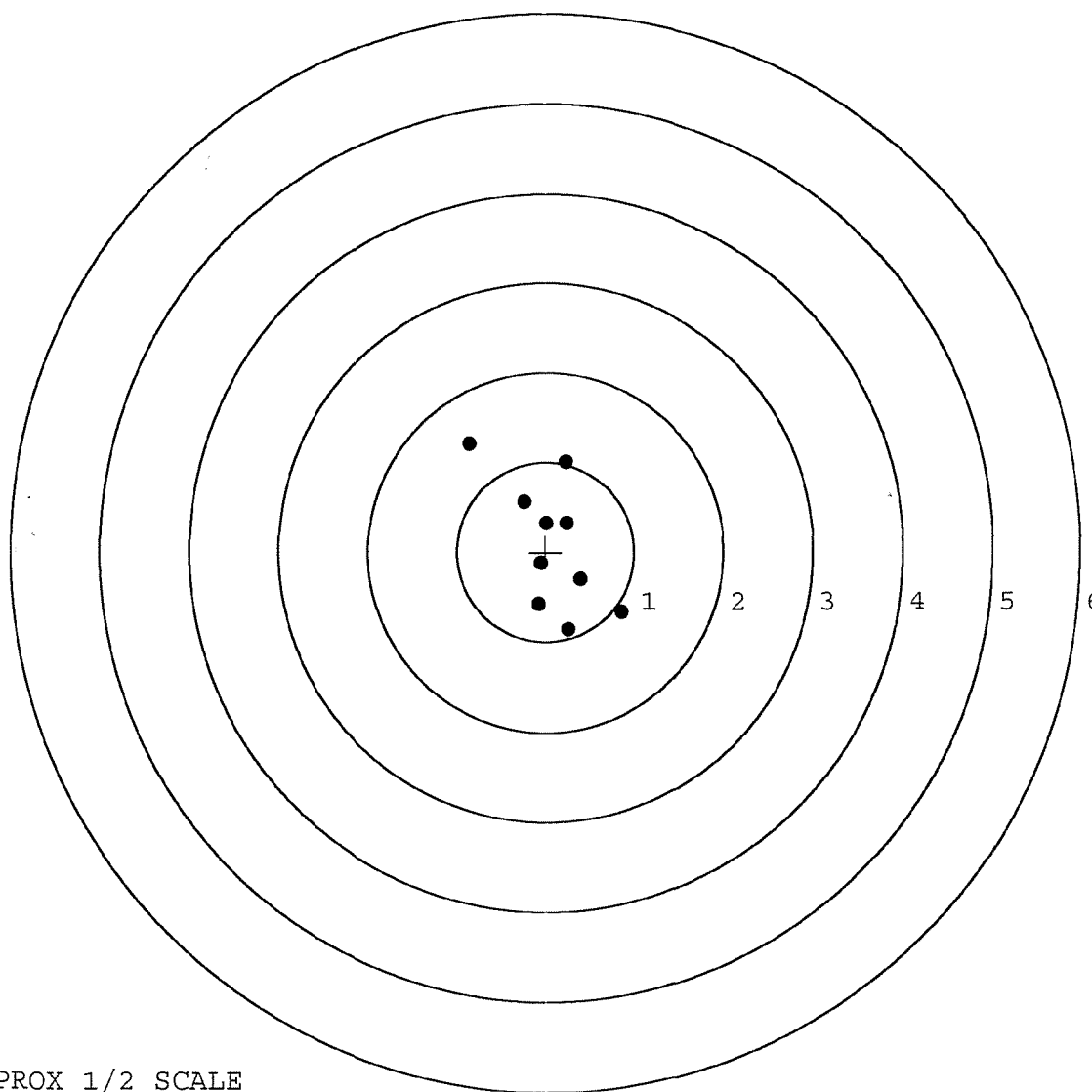
MEAN RADIUS: 0.702

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.855	-0.675
2:	0.239	0.324
3:	-0.004	0.323
4:	-0.248	0.560
5:	0.236	1.005
6:	-0.860	1.204
7:	-0.057	-0.131
8:	0.394	-0.309
9:	-0.080	-0.591
10:	0.258	-0.869



TARGET APPROX 1/2 SCALE