

G6414378

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

G6414378

UPC



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.



66414378

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414378

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10-19-04	RTL
600	PROOF			
607	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER		10/27/04	JS
617	DRILL AND TAP SIGHT HOLES		10-22-04	TRW
620	APPLY COATINGS (BARREL ACTION)		10/30	HP
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		11-5-04	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-5-04	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-5-04	RTL
	D) OIL FIRING PIN ASSEMBLY		11-5-04	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	BARBER - M24 0151338	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>5.5</u> <u>5.5</u>	12/1/04	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	12/1/04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>1023</u> <u>1025</u> <u>1025</u>	12/1/04	DA
	J) ASSEMBLE STOCK			11-5-01	RTL
	K) ASSEMBLE SWIVEL STUDS			12-3-04	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			NC	
	M) IRON SIGHT ALIGNMENT			X	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			X	
640	GALLERY TEST AND TARGET		<u>PASS</u> <u>FAIL</u>	11-30-04	AC
	MALFUNCTION		CORRECTION	NA	
	MALFUNCTION		CORRECTION	X	
	MALFUNCTION		CORRECTION	X	
	MALFUNCTION		CORRECTION	X	
645	INSPECT FOR LIVE AMMO			11-30-04	AC
655	FINAL INSPECTION A) HEADSPACE			12-3-04	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.81</u> <u>2.89</u> <u>2.87</u> <u>2.89</u>	12/1/04	DA
	C) FUNCTION			12-3-04	AC
660	PACK			12/6/04	DA

AVERAGE PULL FORCE BETWEEN

INITIAL **BARBER - M24 0151339**

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

7-15-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.72		2.41	
PULL #2	2.59	2.67		2.29	
PULL #3	2.47	2.52		2.19	
PULL #4	2.52	2.50		2.18	
PULL #5	2.47	2.47		2.21	
TOTAL	12.60	12.88		11.28	
AVERAGE	2.52	2.57		2.25	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.07		
PULL #2	3.09	3.25		
PULL #3	3.19	3.18		
PULL #4	3.11	3.15		
PULL #5	3.03	2.90		
TOTAL	15.50	15.55		
AVERAGE	3.10	3.11		

	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	4.21	4.17		4.23
PULL #2	4.18	3.98		4.01
PULL #3	4.05	4.23		4.15
PULL #4	4.05	4.09		3.95
PULL #5	4.00	4.03		4.23
TOTAL	20.49	20.50		20.57
AVERAGE	4.09	4.10		4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414378.___1
FILE DATE AND TIME: 09/12/2005 11:05

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:	0.033
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.829
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.409
The Distance from Centroid Target #5 to Centroid Target #1:	0.277

SERIAL NUMBER: G6414378. 1

TARGET NUMBER: 1

FILE DATE: 09/12/2005

FILE TIME: 11:05

X CENTROID: -0.007

Y CENTROID: 0.175

POA TO CENTROID: 0.175

HORZ SPREAD: 1.851

VERT SPREAD: 2.499

GROUP SPREAD: 3.110

MIN RADIUS: 0.421

MAX RADIUS: 1.573

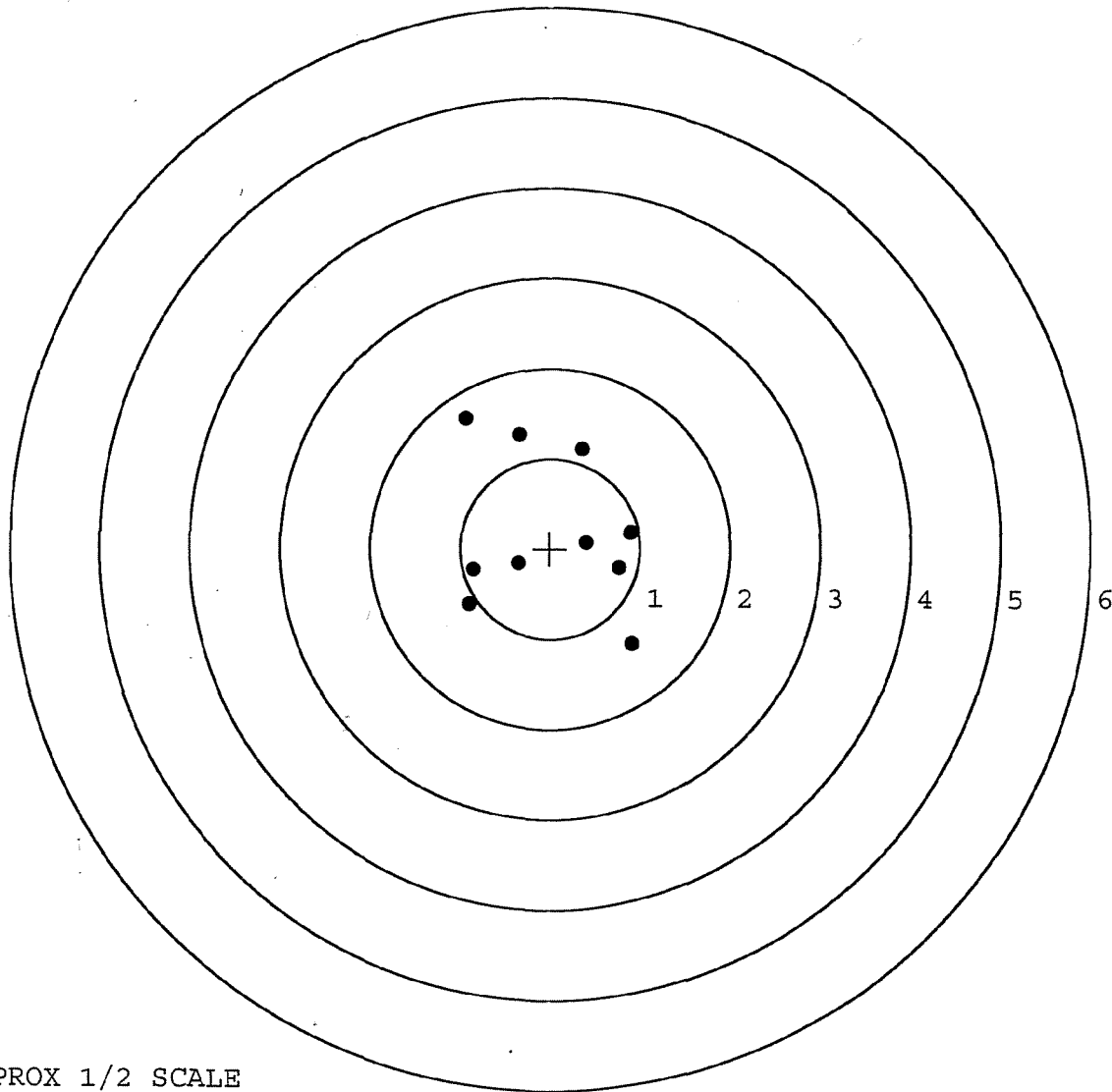
MEAN RADIUS: 1.008

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.910	-1.058
2:	0.898	0.174
3:	0.770	-0.219
4:	0.401	0.073
5:	-0.358	-0.172
6:	-0.855	-0.235
7:	-0.904	-0.625
8:	0.357	1.108
9:	-0.350	1.260
10:	-0.941	1.441



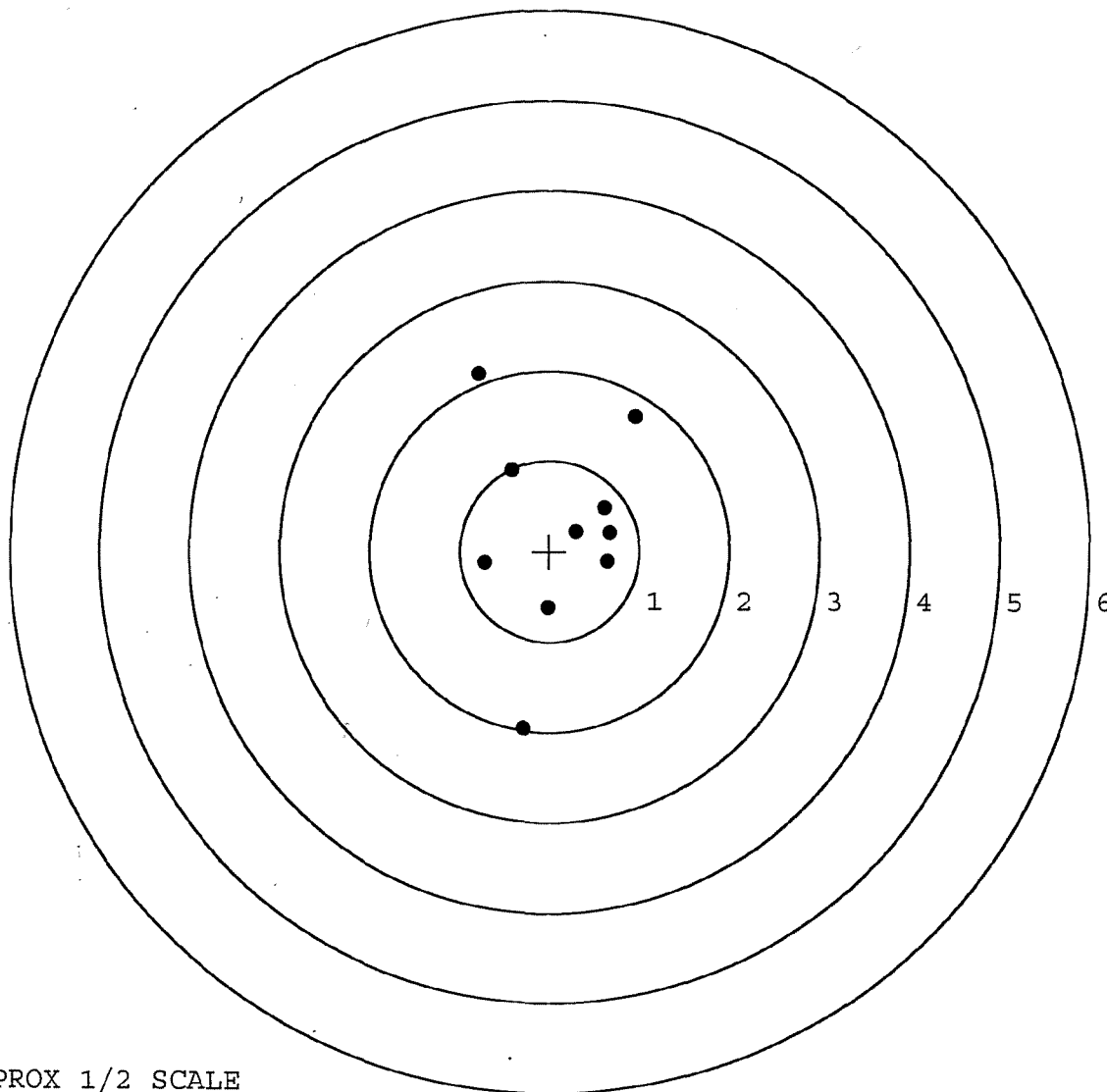
TARGET APPROX 1/2 SCALE

BARBER - M24 0151342

SERIAL NUMBER: G6414378. 1
 TARGET NUMBER: 2
 FILE DATE: 09/12/2005
 FILE TIME: 11:05

POINT#	X	Y
1:	0.954	1.480
2:	-0.421	0.889
3:	-0.806	1.965
4:	-0.721	-0.133
5:	-0.023	-0.622
6:	-0.289	-1.963
7:	0.649	-0.119
8:	0.293	0.218
9:	0.612	0.476
10:	0.671	0.206

X CENTROID: 0.092
 Y CENTROID: 0.240
 POA TO CENTROID: 0.257
 HORZ SPREAD: 1.760
 VERT SPREAD: 3.928
 GROUP SPREAD: 3.962
 MIN RADIUS: 0.202
 MAX RADIUS: 2.235
 MEAN RADIUS: 1.030
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0151343

SERIAL NUMBER: G6414378: 1

TARGET NUMBER: 3

FILE DATE: 09/12/2005

FILE TIME: 11:05

POINT#	X	Y
1:	-0.782	-1.169
2:	0.776	-0.342
3:	-0.220	0.606
4:	0.216	0.163
5:	0.030	-0.079
6:	0.064	-0.277
7:	0.011	-0.452
8:	-0.382	-0.308
9:	-0.665	-0.413
10:	0.554	1.996

X CENTROID: -0.040

Y CENTROID: -0.027

POA TO CENTROID: 0.048

HORZ SPREAD: 1.558

VERT SPREAD: 3.165

GROUP SPREAD: 3.435

MIN RADIUS: 0.087

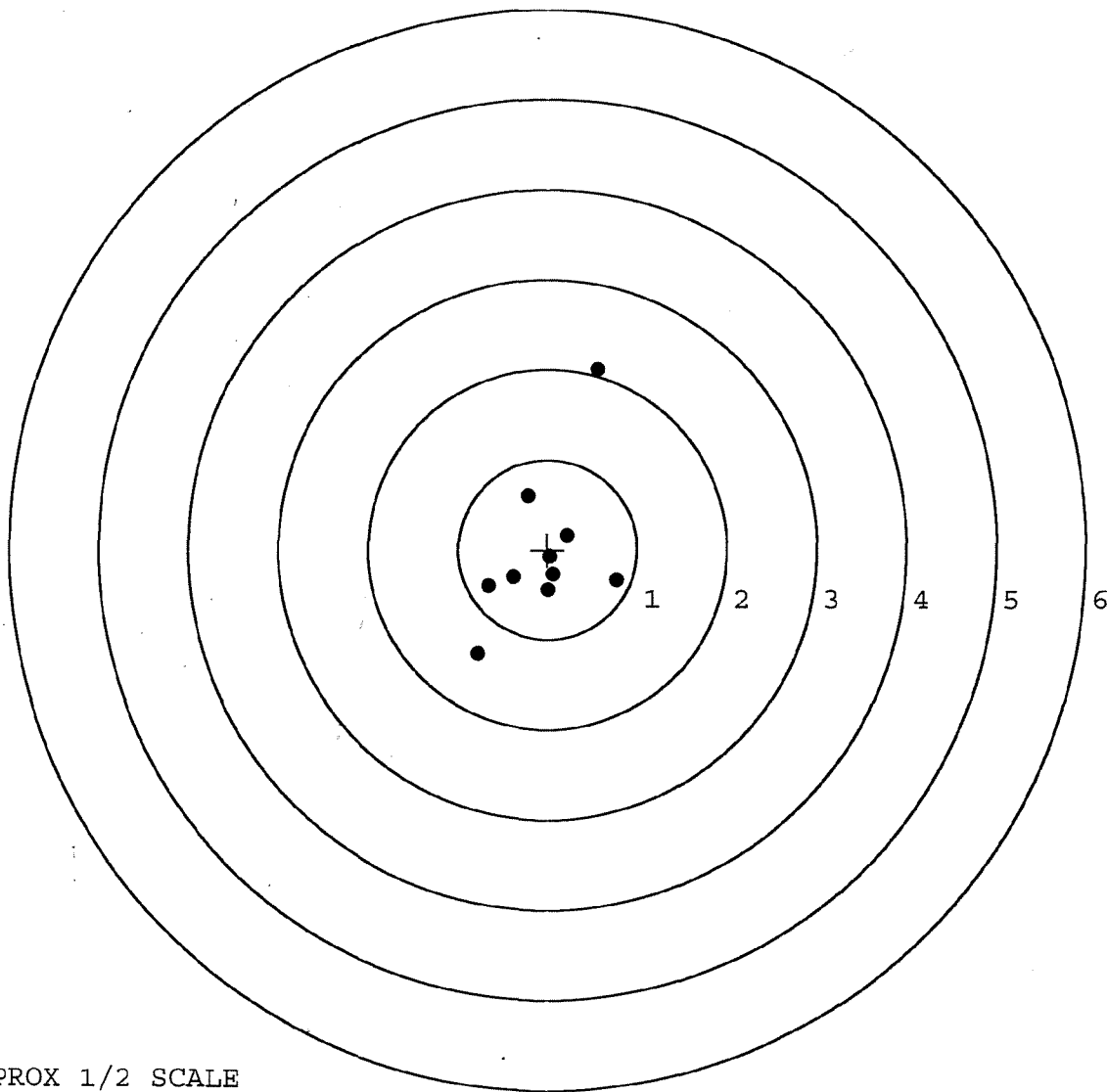
MAX RADIUS: 2.109

MEAN RADIUS: 0.728

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414378: 1

TARGET NUMBER: 4

FILE DATE: 09/12/2005

FILE TIME: 11:05

POINT#	X	Y
1:	1.200	-0.376
2:	-0.090	-1.366
3:	0.284	0.237
4:	-0.095	0.323
5:	-0.452	0.452
6:	-1.050	0.049
7:	0.416	-0.511
8:	0.331	-0.280
9:	0.071	-0.377
10:	-0.261	-0.471

X CENTROID: 0.035

Y CENTROID: -0.232

POA TO CENTROID: 0.235

HORZ SPREAD: 2.250

VERT SPREAD: 1.818

GROUP SPREAD: 2.290

MIN RADIUS: 0.149

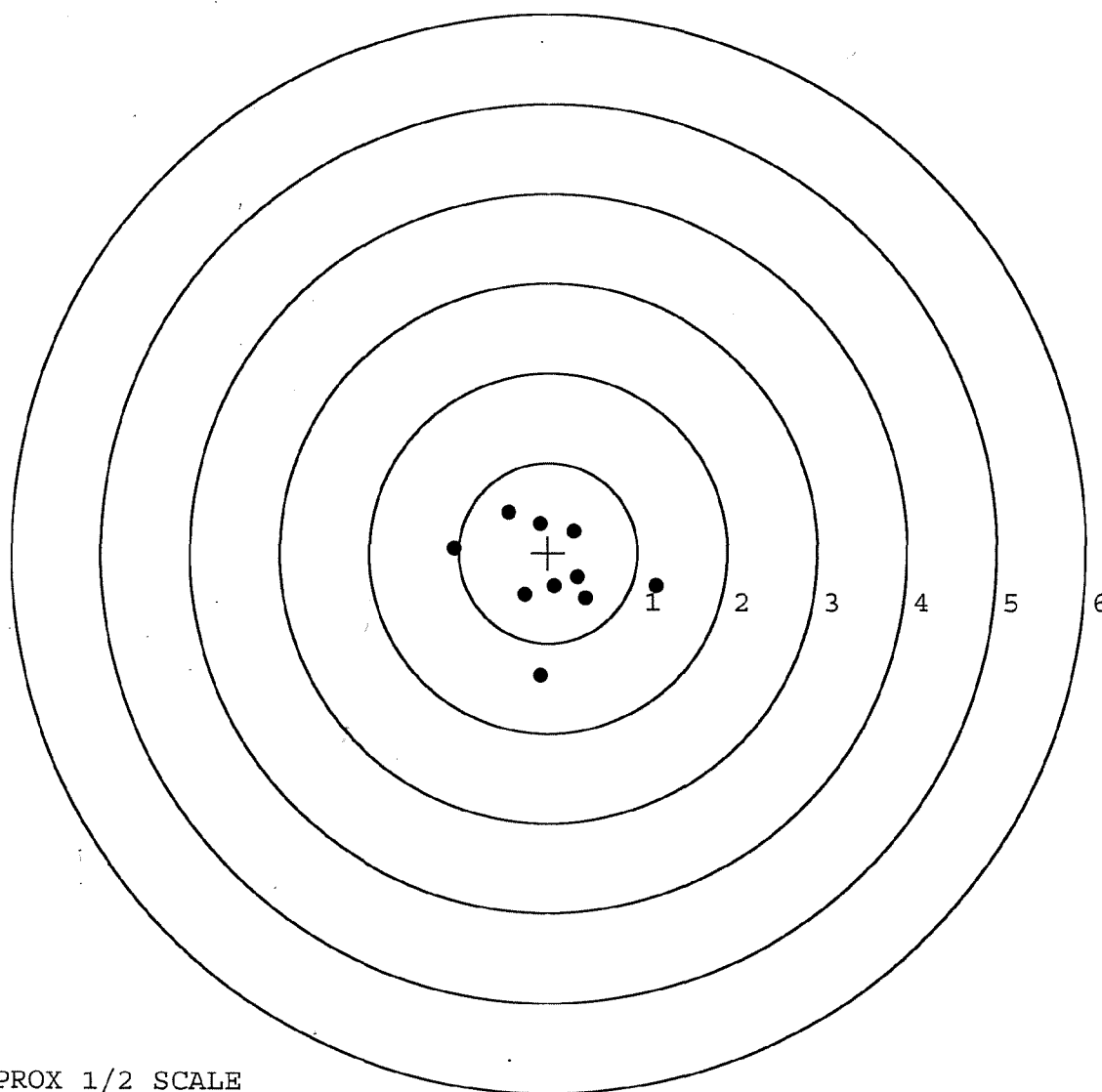
MAX RADIUS: 1.173

MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

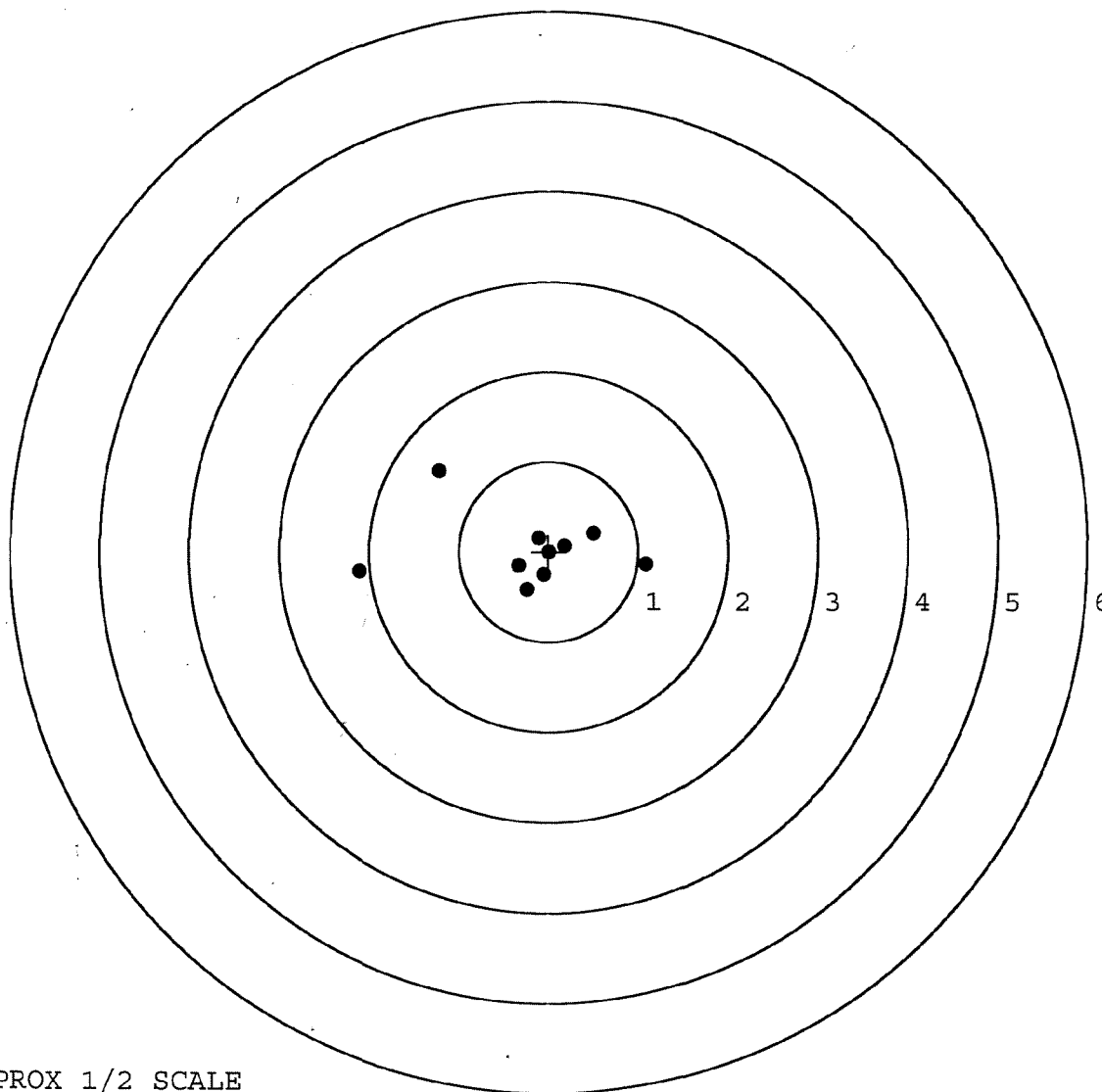
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0151345

SERIAL NUMBER: G6414378: <u>1</u>	POINT#	X	Y
TARGET NUMBER: 5	1:	1.085	-0.143
FILE DATE: 09/12/2005	2:	0.500	0.203
FILE TIME: 11:05	3:	-1.226	0.898
	4:	-2.101	-0.226
X CENTROID: -0.230	5:	-0.112	0.150
Y CENTROID: 0.011	6:	0.183	0.066
POA TO CENTROID: 0.230	7:	-0.242	-0.421
HORZ SPREAD: 3.186	8:	-0.055	-0.255
VERT SPREAD: 1.319	9:	-0.338	-0.156
GROUP SPREAD: 3.187	10:	0.009	-0.011
MIN RADIUS: 0.183			
MAX RADIUS: 1.886			
MEAN RADIUS: 0.709			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE