

6669 5384

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



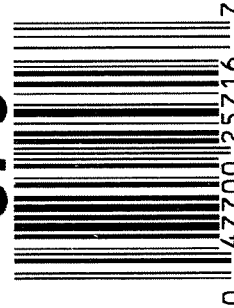
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6695384

UPC



GUN SERIAL # 66695384

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-08	RTZ
420	ASSEMBLE ACTION		3-5-08	L.P.D.
430	ASSEMBLE TO STOCK		3-5-08	TRW
440	PROOF	MAGNA - FLUX	3-5-08	TRW
460	CHECK HEADSPACE	MAR 07 2008	3-5-08	TRW
470	DIS-ASSEMBLE ACTION		3-6-08	L.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <u>WMS</u>	3/7/08	WMS
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-6-08	CIN
510	DRILL AND TAP SIGHT HOLES		3-6-08	TRW
520	GOFF BLAST BBL / REC		3-10-08	TR
530 & 540	APPLY COATINGS (BARREL ACTION)		3/12/08	CM
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-17-08	Fm
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-17-08	Fm
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-17-08	Fm
	D) OIL FIRING PIN ASSEMBLY		3-18-08	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>69</u> <u>55</u> <u>69</u>	3-25-08	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>49</u> <u>49</u> <u>49</u>	3-25-08	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.021</u>	3-25-08	SD
	J) ASSEMBLE STOCK		3-18-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		4-2-08	Fm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-8-08	S.P.D.
	M) IRON SIGHT ALIGNMENT		4-8-08	S.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-8-08	S.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-24-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-24-08	RP
670	FINAL INSPECTION A) HEADSPACE		4-2-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.66</u> <u>2.37</u> <u>2.39</u> <u>2.39</u> <u>2.45</u>	3-25-08	SD
	C) FUNCTION			
690	PACK		4/9/08	Fm

F004 REV 5/2006

BARBER - M24 0180184
**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 1-22-08

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.16	2.41		2.73	
PULL #2	2.25	2.39		2.63	
PULL #3	2.53	2.17		2.60	
PULL #4	2.37	2.24		2.55	
PULL #5	2.46	2.34		2.61	
TOTAL	11.77	11.55		13.12	
AVERAGE	2.35	2.31		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.36		
PULL #2	3.32	3.47		
PULL #3	3.40	3.46		
PULL #4	3.50	3.59		
PULL #5	3.34	3.50		
TOTAL	16.85	17.38		
AVERAGE	3.37	3.47		

	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	4.48	4.28		4.37
PULL #2	4.40	4.36		4.18
PULL #3	4.47	4.62		4.32
PULL #4	4.41	4.41		4.25
PULL #5	4.32	4.36		4.30
TOTAL	22.08	22.03		21.42
AVERAGE	4.41	4.40		4.28

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695384. 0

FILE DATE AND TIME: 03/25/2008 07:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.622
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.274
The Distance from Centroid Target #3 to Centroid Target #1:	0.153
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

BARBER - M24 0180186

SERIAL NUMBER: G6695384. 0

TARGET NUMBER: 1

FILE DATE: 03/25/2008

FILE TIME: 07:10

POINT#	X	Y
1:	0.981	1.489
2:	-0.475	0.952
3:	-1.053	-0.036
4:	-0.801	-0.630
5:	0.089	-0.671
6:	0.398	-0.060
7:	0.312	0.103
8:	-0.001	0.021
9:	0.168	-0.188
10:	0.318	-0.100

X CENTROID: -0.006

Y CENTROID: 0.088

POA TO CENTROID: 0.088

HORZ SPREAD: 2.034

VERT SPREAD: 2.160

GROUP SPREAD: 2.769

MIN RADIUS: 0.067

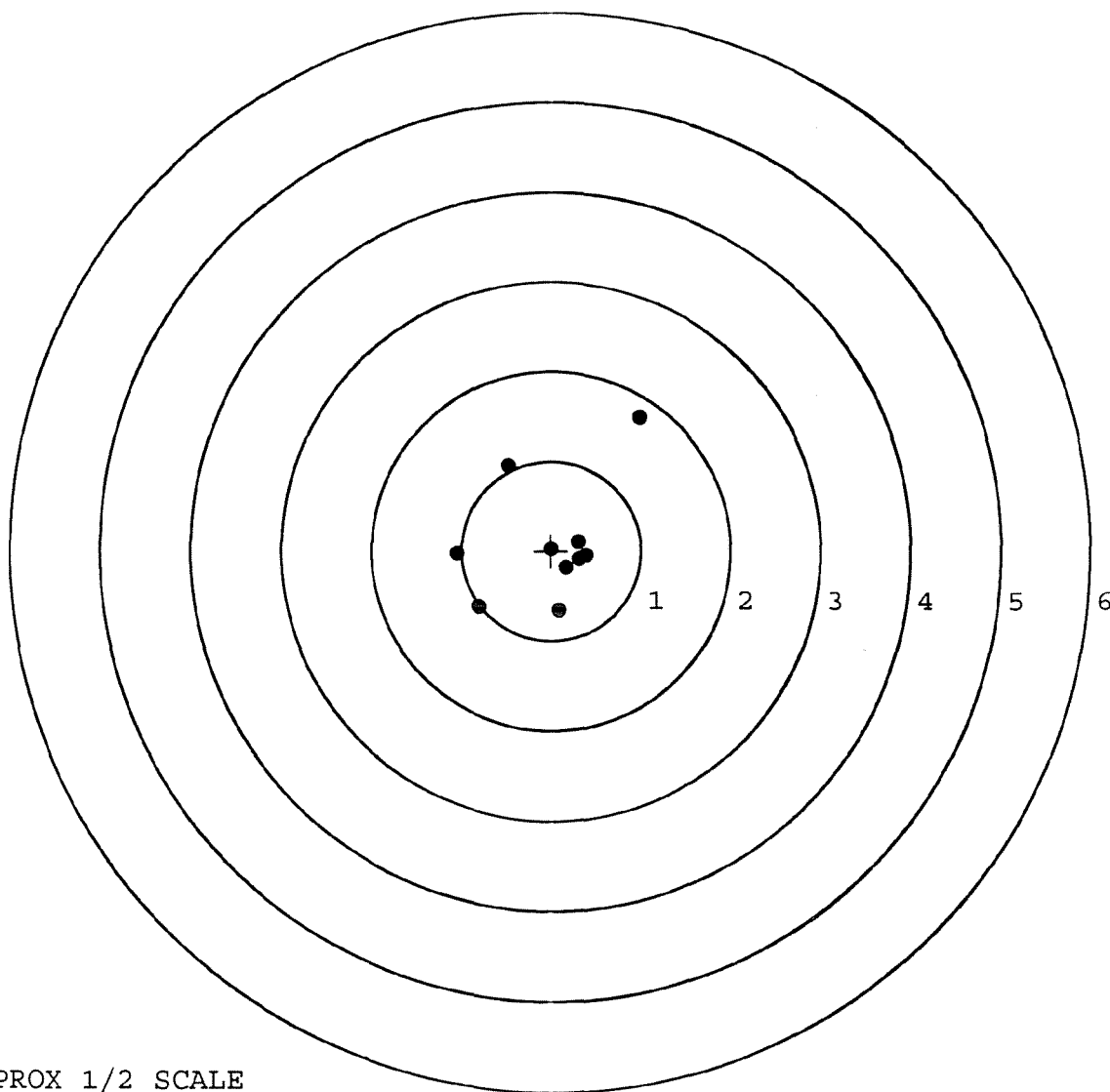
MAX RADIUS: 1.714

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0180187

SERIAL NUMBER: G6695384. 0

TARGET NUMBER: 2

FILE DATE: 03/25/2008

FILE TIME: 07:10

POINT#	X	Y
1:	0.985	-0.223
2:	0.476	0.592
3:	0.345	0.048
4:	-0.156	0.295
5:	-0.046	-0.193
6:	-0.111	-0.697
7:	-1.005	0.004
8:	-0.661	-0.138
9:	-0.778	-0.280
10:	-1.078	-0.435

X CENTROID: -0.203

Y CENTROID: -0.103

POA TO CENTROID: 0.227

HORZ SPREAD: 2.063

VERT SPREAD: 1.289

GROUP SPREAD: 2.074

MIN RADIUS: 0.181

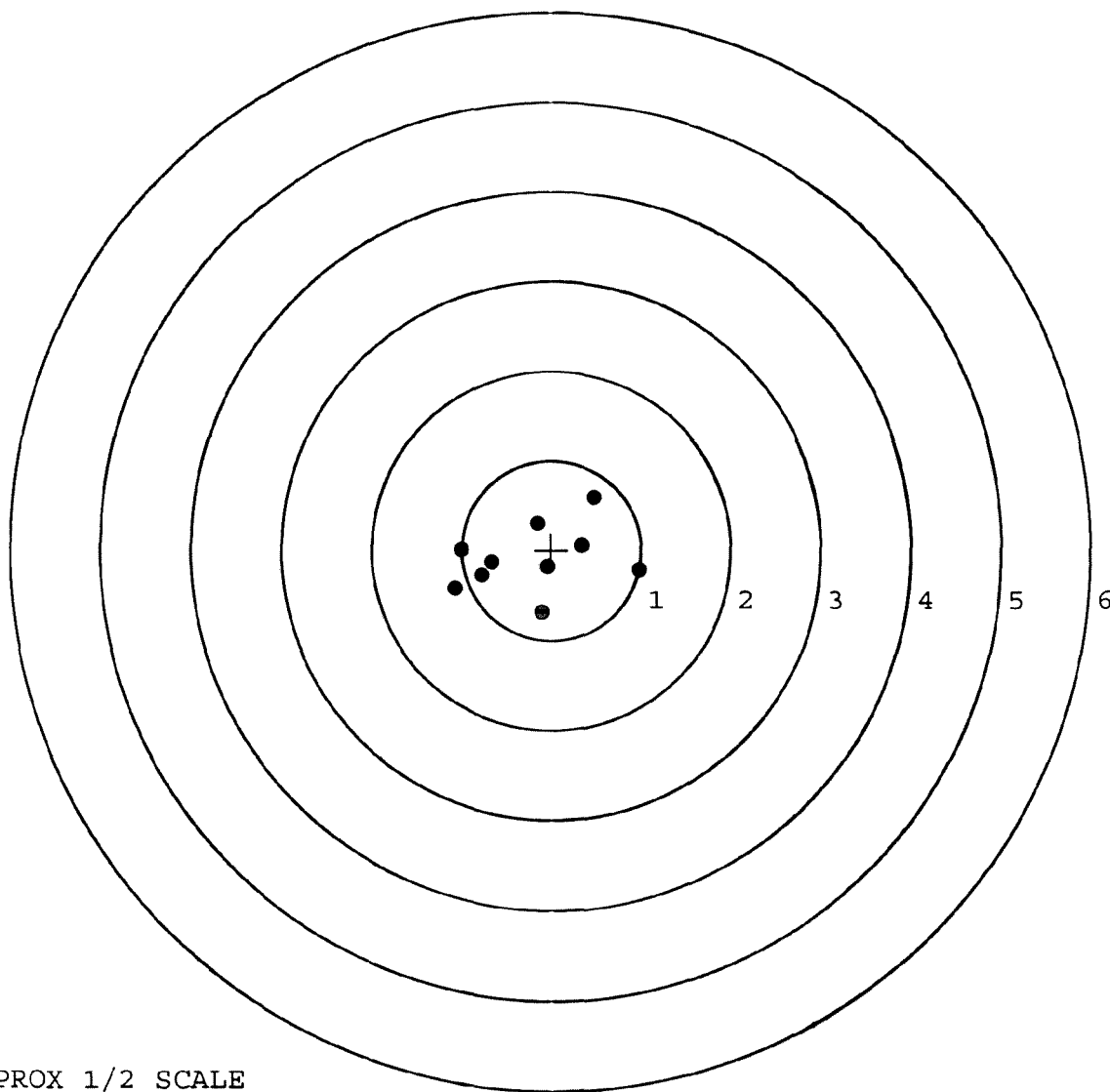
MAX RADIUS: 1.194

MEAN RADIUS: 0.672

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180188

SERIAL NUMBER: G6695384. 0

TARGET NUMBER: 3

FILE DATE: 03/25/2008

FILE TIME: 07:10

POINT#	X	Y
1:	0.601	-0.545
2:	-0.178	-0.729
3:	0.645	-0.254
4:	0.499	-0.002
5:	0.347	0.179
6:	0.184	0.396
7:	-0.135	0.159
8:	-0.451	-0.010
9:	-0.715	0.228
10:	-0.660	-0.057

X CENTROID: 0.014

Y CENTROID: -0.064

POA TO CENTROID: 0.065

HORZ SPREAD: 1.360

VERT SPREAD: 1.125

GROUP SPREAD: 1.526

MIN RADIUS: 0.268

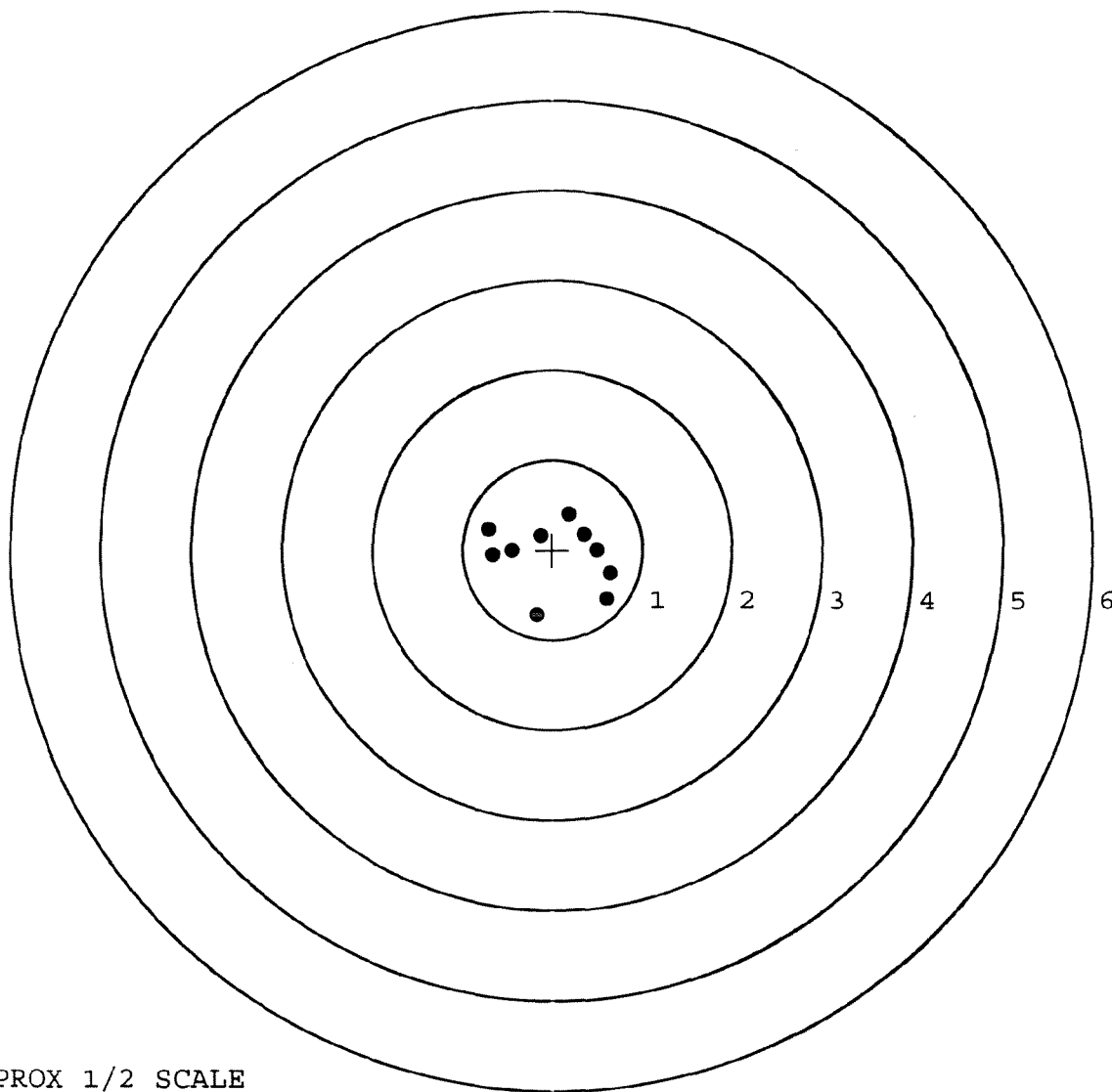
MAX RADIUS: 0.785

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180189

SERIAL NUMBER: G6695384. 0

TARGET NUMBER: 4

FILE DATE: 03/25/2008

FILE TIME: 07:10

POINT#	X	Y
1:	0.785	-0.024
2:	0.349	-0.028
3:	0.346	-0.317
4:	0.123	0.309
5:	0.254	0.853
6:	-0.601	0.098
7:	-0.507	-0.364
8:	-0.236	-0.237
9:	-0.137	-0.173
10:	-0.037	-0.116

X CENTROID: 0.034

Y CENTROID: 0.000

POA TO CENTROID: 0.034

HORZ SPREAD: 1.386

VERT SPREAD: 1.217

GROUP SPREAD: 1.435

MIN RADIUS: 0.136

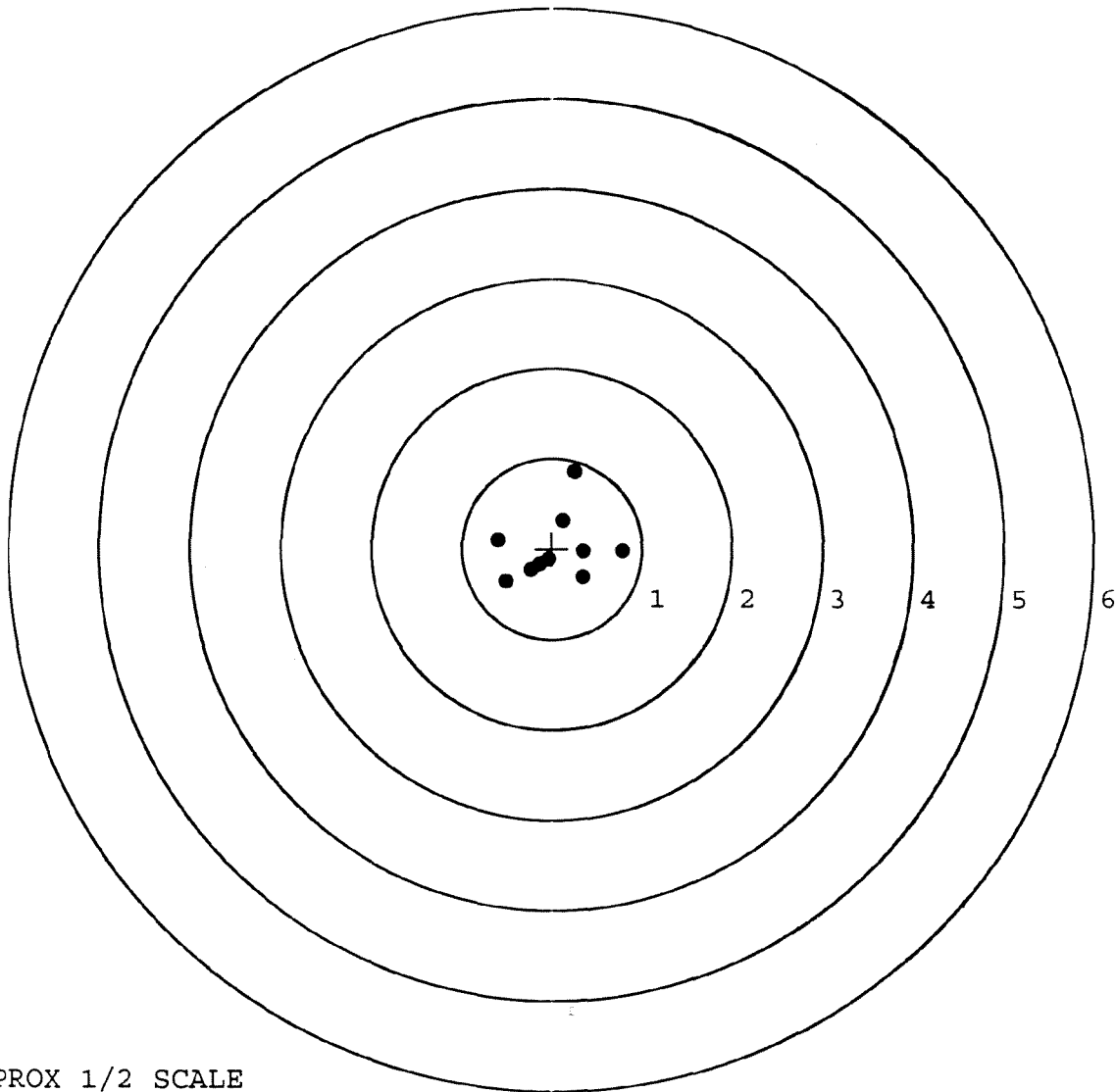
MAX RADIUS: 0.881

MEAN RADIUS: 0.475

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



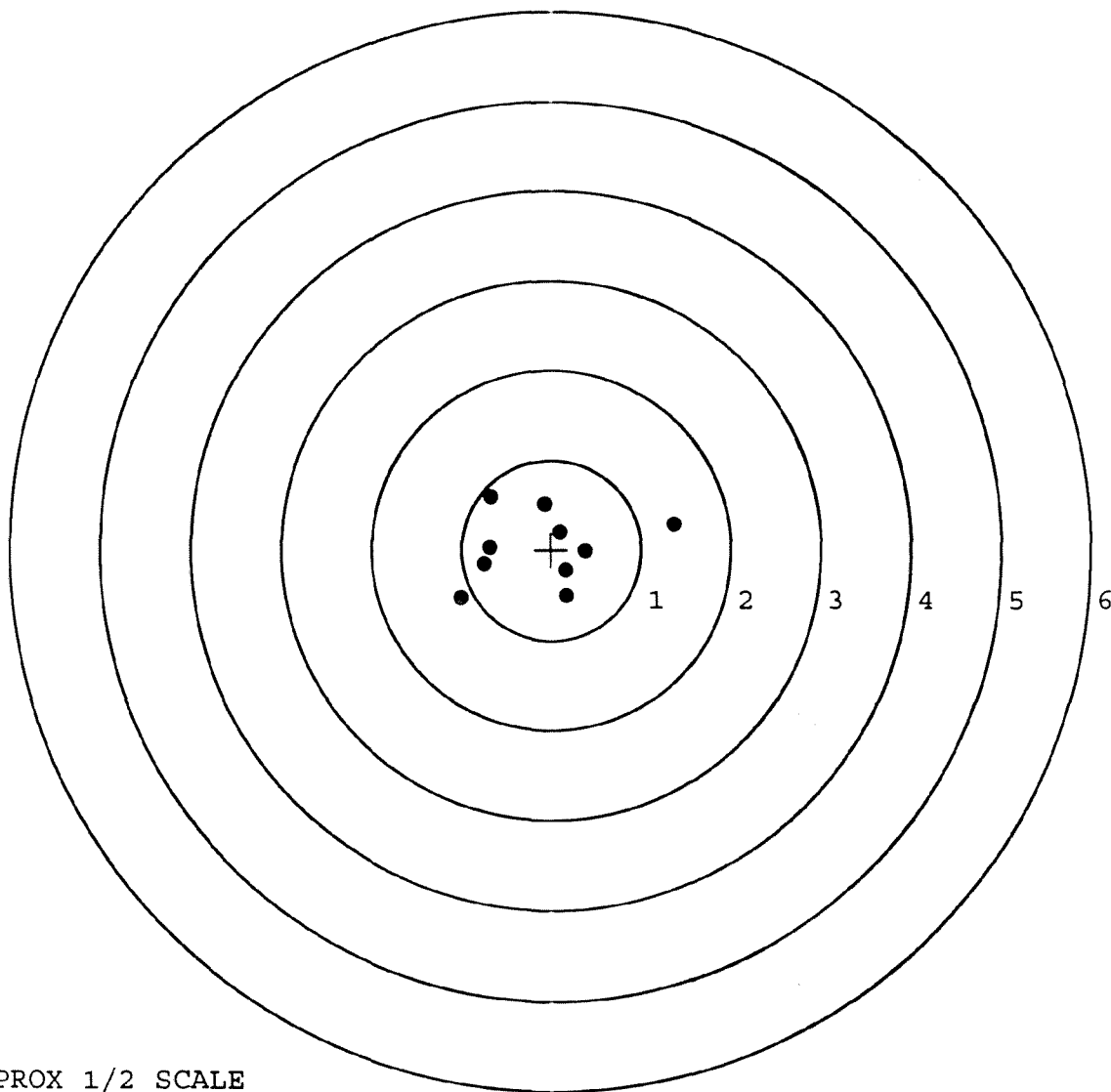
TARGET APPROX 1/2 SCALE

BARBER - M24 0180190

SERIAL NUMBER: G6695384. 0
 TARGET NUMBER: 5
 FILE DATE: 03/25/2008
 FILE TIME: 07:10

POINT#	X	Y
1:	1.362	0.286
2:	0.171	-0.507
3:	0.164	-0.233
4:	0.385	-0.016
5:	0.104	0.196
6:	-0.074	0.511
7:	-0.674	0.593
8:	-0.684	0.025
9:	-0.749	-0.160
10:	-1.009	-0.536

X CENTROID: -0.100
 Y CENTROID: 0.016
 POA TO CENTROID: 0.102
 HORZ SPREAD: 2.371
 VERT SPREAD: 1.129
 GROUP SPREAD: 2.509
 MIN RADIUS: 0.272
 MAX RADIUS: 1.487
 MEAN RADIUS: 0.683
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE