

5669 9800

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



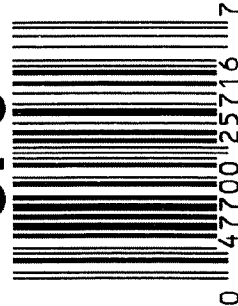
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6699800

UPC



ORDER 25716

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

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UPC



SERIAL NO.



GUN SERIAL # G6699800

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-4-08	TRW
420	ASSEMBLE ACTION		3-4-08	TRW
430	ASSEMBLE TO STOCK		3-4-08	TRW
440	PROOF	MAGNA - FLUX	3-4-08	TRW
460	CHECK HEADSPACE	MAN 00 2000	3-4-08	TRW
470	DIS-ASSEMBLE ACTION		3-4-08	TRW
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmg</u>	3/6/08	mmg
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-5-08	CAN
510	DRILL AND TAP SIGHT HOLES		3-5-08	TRW
520	GOFF BLAST BBL / REC		3-6-08	DC
530 & 540	APPLY COATINGS (BARREL ACTION)		3-10-08	CM
	(BOLT)			
560	RE-ASSEMBLE ACTION		3-13-08	RTZ
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-08	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-08	RTZ
	D) OIL FIRING PIN ASSEMBLY		3-13-08	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>60</u> <u>55</u> <u>5.5</u>	3-19-08	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>3.25</u>	3-19-08	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.0215</u> <u>.0215</u>	3-19-08	RA
	J) ASSEMBLE STOCK		3-13-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		3-19-08	RA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-19-08	RTZ
	M) IRON SIGHT ALIGNMENT		3-19-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-19-08	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	3-17-08	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-17-08	RP
670	FINAL INSPECTION A) HEADSPACE		3-19-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.50</u> <u>2.50</u> <u>2.47</u> <u>2.45</u>	3-19-08	RA
	C) FUNCTION		3-19-08	RTZ
690	PACK		3-20-08	RA

F004 REV 5/2006

BARBER - M24 0178548
**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 1-28-08

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.33	2.22		2.54	
PULL #2	2.38	2.18		2.37	
PULL #3	2.35	2.45		2.39	
PULL #4	2.12	2.20		2.45	
PULL #5	2.38	2.16		2.35	
TOTAL	11.56	11.21		12.10	
AVERAGE	2.31	2.24		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.53		
PULL #2	3.27	3.37		
PULL #3	3.32	3.48		
PULL #4	3.37	3.32		
PULL #5	3.34	3.33		
TOTAL	16.64	17.03		
AVERAGE	3.32	3.40		

	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	4.28	4.25		4.29
PULL #2	4.19	4.18		4.32
PULL #3	4.13	4.29		4.33
PULL #4	4.18	4.09		4.39
PULL #5	4.24	4.05		4.32
TOTAL	21.02	20.86		21.65
AVERAGE	4.20	4.17		4.33

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699800.__0
FILE DATE AND TIME: 03/18/2008 08:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

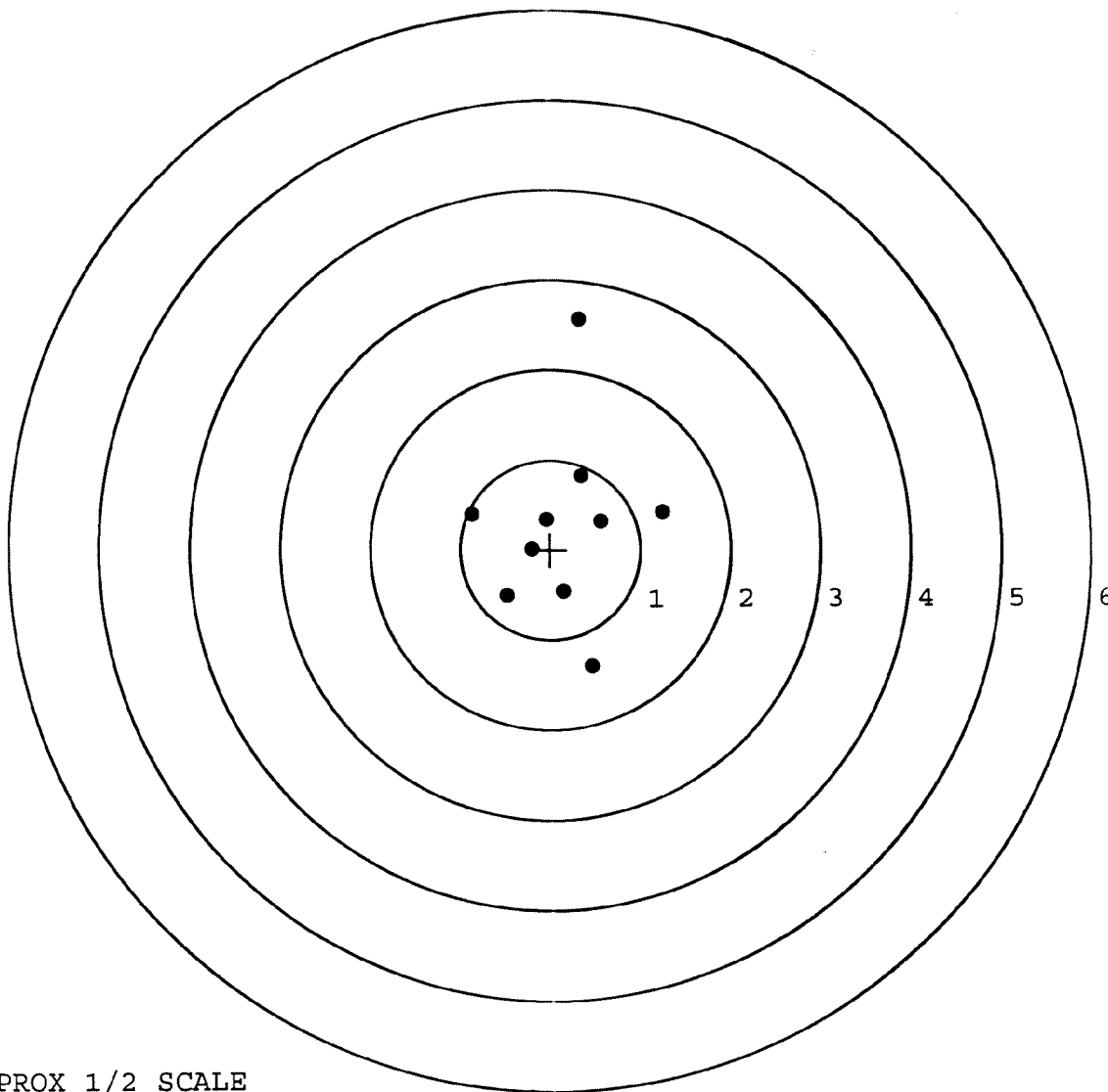
The Average X Centroid of the Five Target Set:	0.076
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.834
The Distance from POA to Centroid Target #1:	0.297
The Distance from Centroid Target #2 to Centroid Target #1:	0.296
The Distance from Centroid Target #3 to Centroid Target #1:	0.353
The Distance from Centroid Target #4 to Centroid Target #1:	0.387
The Distance from Centroid Target #5 to Centroid Target #1:	0.369

BARBER - M24 0178550

SERIAL NUMBER: G6699800. __ 0
 TARGET NUMBER: 1
 FILE DATE: 03/18/2008
 FILE TIME: 08:27

POINT#	X	Y
1:	0.460	-1.305
2:	1.246	0.414
3:	0.344	0.821
4:	0.562	0.320
5:	-0.043	0.340
6:	-0.870	0.394
7:	-0.200	0.013
8:	0.145	-0.471
9:	-0.481	-0.515
10:	0.327	2.559

X CENTROID: 0.149
 Y CENTROID: 0.257
 POA TO CENTROID: 0.297
 HORZ SPREAD: 2.116
 VERT SPREAD: 3.864
 GROUP SPREAD: 3.866
 MIN RADIUS: 0.209
 MAX RADIUS: 2.309
 MEAN RADIUS: 0.941
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0178551

SERIAL NUMBER: G6699800. 0

TARGET NUMBER: 2

FILE DATE: 03/18/2008

FILE TIME: 08:27

POINT#	X	Y
1:	1.487	-0.119
2:	0.999	-0.067
3:	0.765	0.059
4:	-0.128	-0.701
5:	0.022	0.052
6:	-0.224	-0.144
7:	-0.602	0.204
8:	-0.380	0.669
9:	-0.837	0.556
10:	-1.229	-0.423

X CENTROID: -0.013

Y CENTROID: 0.009

POA TO CENTROID: 0.015

HORZ SPREAD: 2.716

VERT SPREAD: 1.370

GROUP SPREAD: 2.733

MIN RADIUS: 0.056

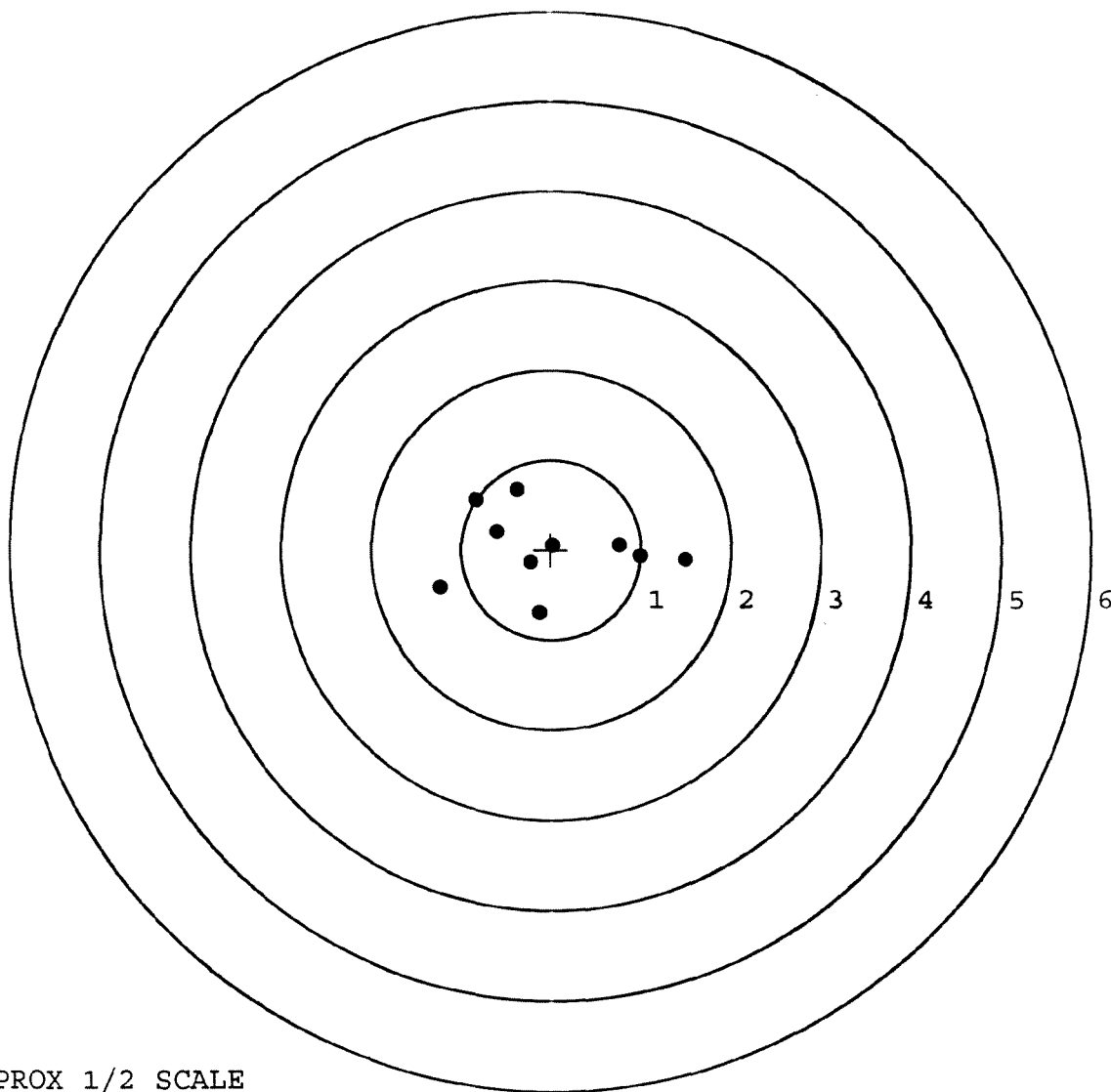
MAX RADIUS: 1.505

MEAN RADIUS: 0.799

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0178552

SERIAL NUMBER: G6699800. 0

TARGET NUMBER: 3

FILE DATE: 03/18/2008

FILE TIME: 08:27

POINT#	X	Y
1:	-0.820	0.656
2:	-1.179	0.229
3:	0.763	0.774
4:	0.574	0.034
5:	1.235	-0.647
6:	1.678	-1.250
7:	-0.720	-1.086
8:	-0.001	-0.131
9:	0.083	0.197
10:	-0.204	0.267

X CENTROID: 0.141

Y CENTROID: -0.096

POA TO CENTROID: 0.170

HORZ SPREAD: 2.857

VERT SPREAD: 2.024

GROUP SPREAD: 3.217

MIN RADIUS: 0.146

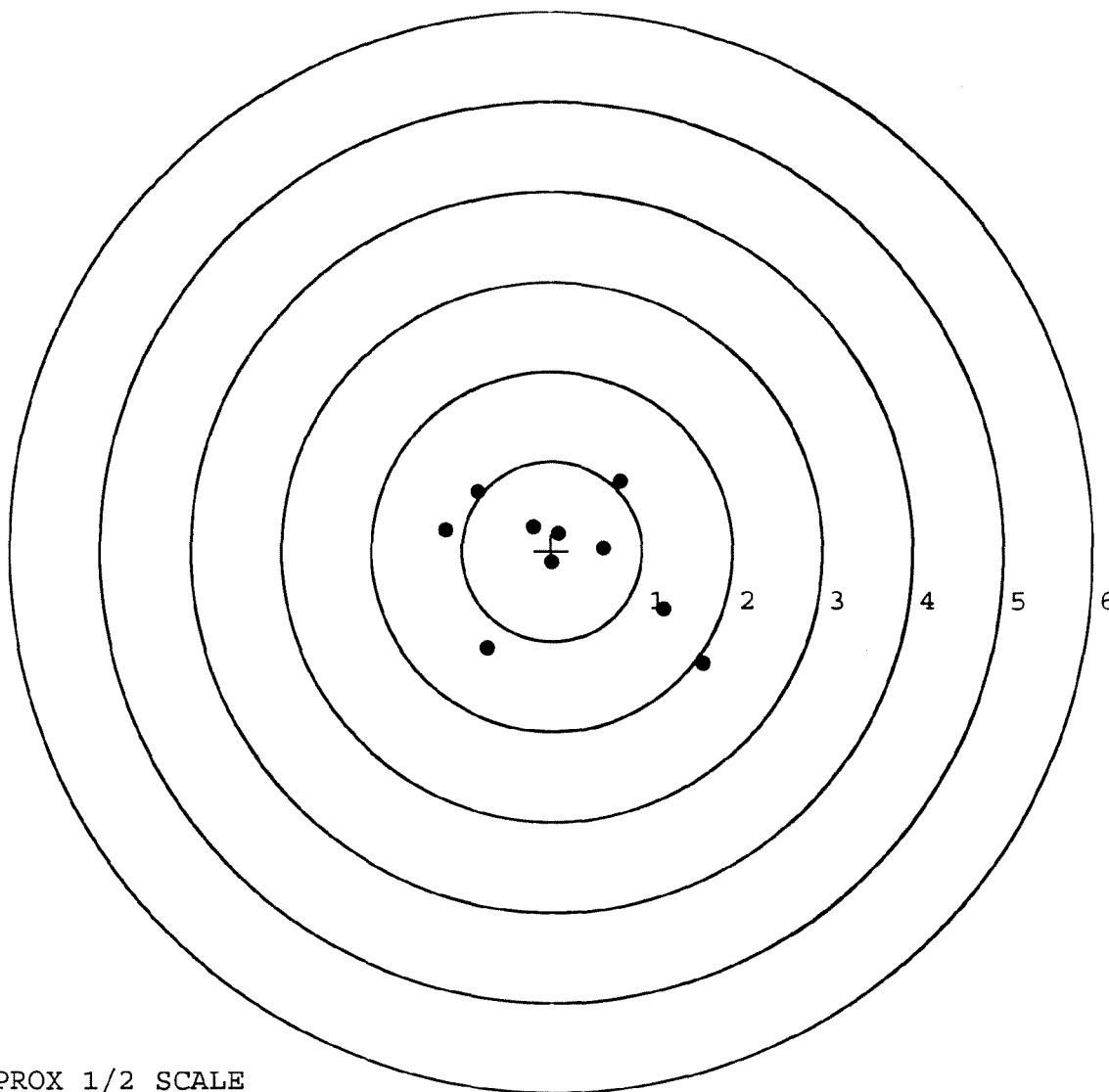
MAX RADIUS: 1.922

MEAN RADIUS: 0.951

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0178553

SERIAL NUMBER: G6699800. 0

TARGET NUMBER: 4

FILE DATE: 03/18/2008

FILE TIME: 08:27

POINT#	X	Y
1:	0.250	0.488
2:	0.842	0.006
3:	0.648	-0.368
4:	0.054	-0.463
5:	-0.075	-0.368
6:	0.064	-0.033
7:	-0.909	0.166
8:	-0.852	-0.343
9:	-0.412	-0.034
10:	-0.094	0.187

X CENTROID: -0.048

Y CENTROID: -0.076

POA TO CENTROID: 0.090

HORZ SPREAD: 1.751

VERT SPREAD: 0.951

GROUP SPREAD: 1.758

MIN RADIUS: 0.120

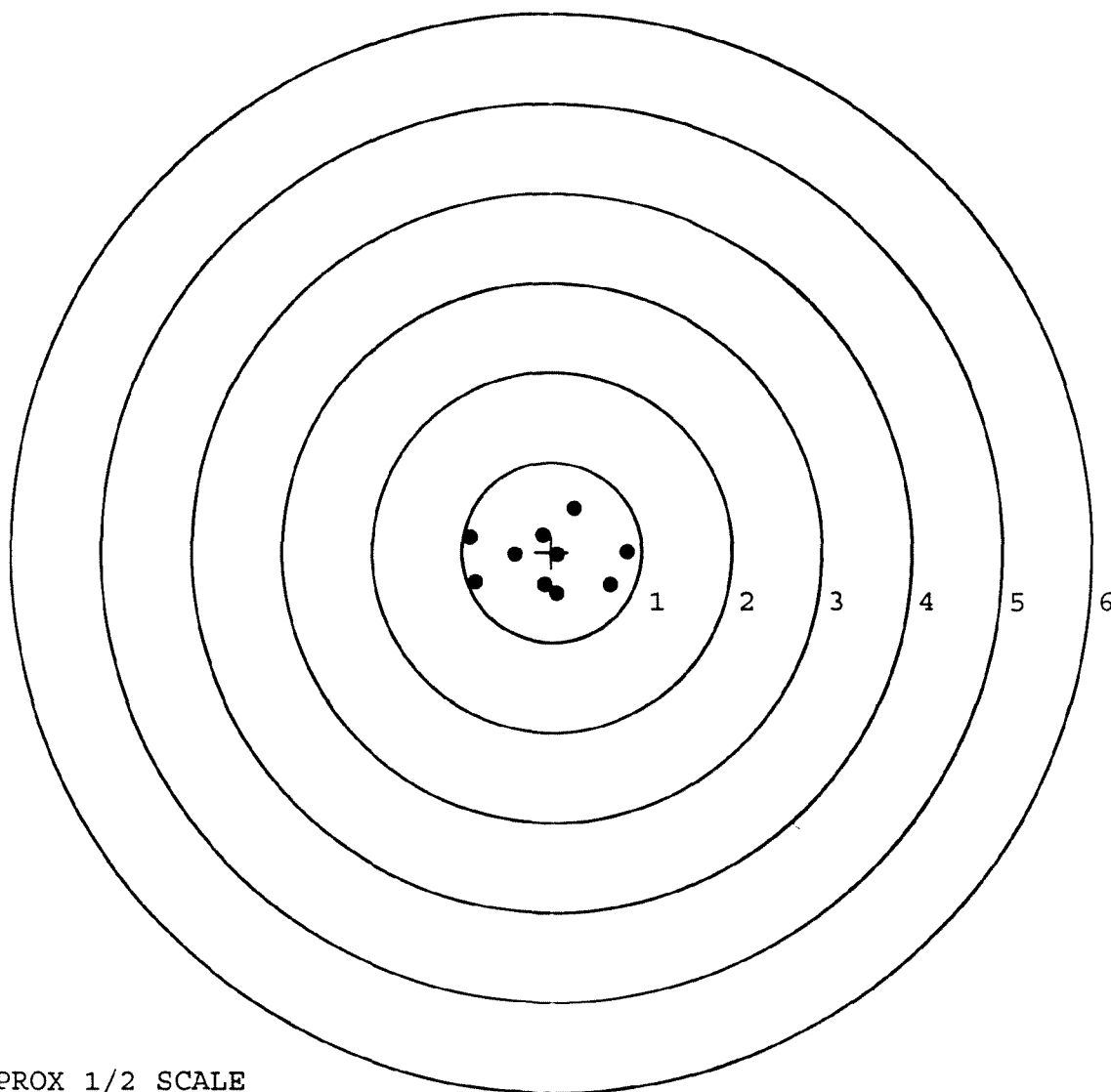
MAX RADIUS: 0.894

MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

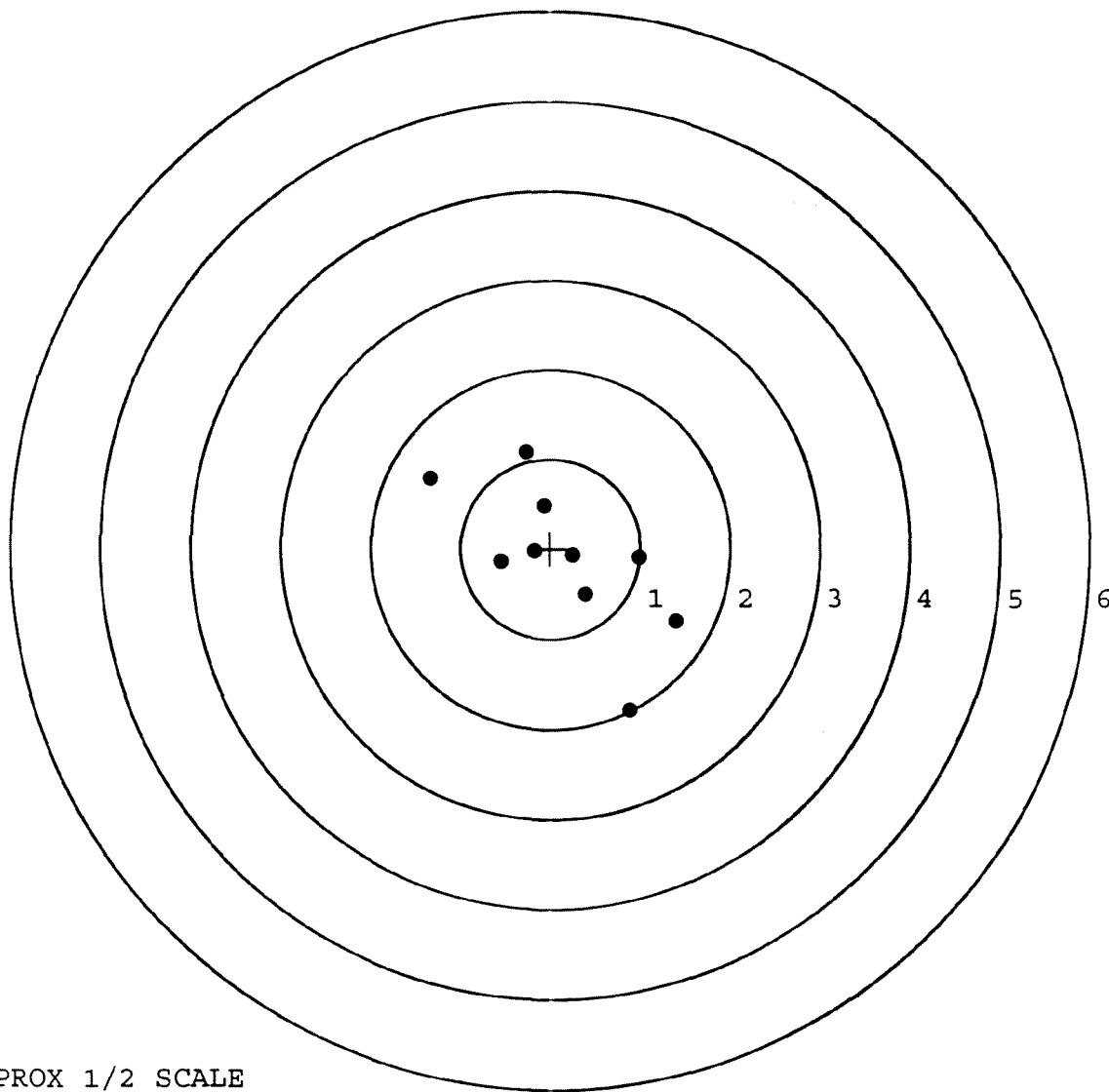


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699800. __0
 TARGET NUMBER: 5
 FILE DATE: 03/18/2008
 FILE TIME: 08:27

POINT#	X	Y
1:	-0.272	1.078
2:	-1.335	0.782
3:	-0.068	0.481
4:	-0.552	-0.151
5:	-0.178	-0.028
6:	0.253	-0.076
7:	0.387	-0.509
8:	0.990	-0.102
9:	1.389	-0.808
10:	0.886	-1.788

X CENTROID: 0.150
 Y CENTROID: -0.112
 POA TO CENTROID: 0.187
 HORZ SPREAD: 2.724
 VERT SPREAD: 2.866
 GROUP SPREAD: 3.397
 MIN RADIUS: 0.109
 MAX RADIUS: 1.830
 MEAN RADIUS: 0.933
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE