

6669 5361

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



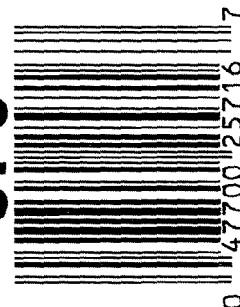
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6695361

UPC



GUN SERIAL #

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-08	RTZ
420	ASSEMBLE ACTION		3-5-08	P.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	P.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unms</i>	3/7/08	<i>unms</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-6-08	CW
510	DRILL AND TAP SIGHT HOLES		3-6-08	TRW
520	GOFF BLAST BBL / REC		3-10-08	TL
530 & 540	APPLY COATINGS (BARREL ACTION)		3/15/08	CW
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-08	Fm
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-08	Fm
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-08	Fm
	D) OIL FIRING PIN ASSEMBLY		3-17-08	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>.07</u> <u>.07</u> <u>.065</u>	3-24-08	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>.055</u> <u>.055</u> <u>.05</u>	3-24-08	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	3-24-08	SD
	J) ASSEMBLE STOCK		3-27-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		4-8-08	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-8-08	RTZ
	M) IRON SIGHT ALIGNMENT		4-8-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-8-08	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-20-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-20-08	RP
670	FINAL INSPECTION A) HEADSPACE		4-2-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.57</u> <u>2.53</u> <u>2.48</u> <u>2.46</u> <u>2.45</u>	3-24-08	SD
	C) FUNCTION			
690	PACK		4/9/08	FM

F004 REV 5/2006

BARBER - M24 0180391
**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	2.64	2.77		2.45	
PULL #2	2.66	2.33		2.59	
PULL #3	2.68	2.40		2.66	
PULL #4	2.71	2.37		2.31	
PULL #5	2.66	2.58		2.40	
TOTAL					
AVERAGE					

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.33		
PULL #2	3.47	3.45		
PULL #3	3.64	3.34		
PULL #4	3.53	3.14		
PULL #5	3.16	3.09		
TOTAL				
AVERAGE				

	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	4.09	4.17		4.75
PULL #2	4.40	4.15		4.50
PULL #3	4.17	4.16		4.42
PULL #4	4.05	4.04		4.48
PULL #5	4.10	4.06		4.44
TOTAL				
AVERAGE				

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695361.__0
FILE DATE AND TIME: 03/25/2008 06:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.053
The Average Y Centroid of the Five Target Set:	0.089
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.804
The Distance from POA to Centroid Target #1:	0.092
The Distance from Centroid Target #2 to Centroid Target #1:	0.306
The Distance from Centroid Target #3 to Centroid Target #1:	0.355
The Distance from Centroid Target #4 to Centroid Target #1:	0.245
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

BARBER - M24 0180393

SERIAL NUMBER: G6695361. 0

TARGET NUMBER: 1

FILE DATE: 03/25/2008

FILE TIME: 06:51

X CENTROID: 0.080

Y CENTROID: -0.046

POA TO CENTROID: 0.092

HORZ SPREAD: 1.579

VERT SPREAD: 2.650

GROUP SPREAD: 2.794

MIN RADIUS: 0.398

MAX RADIUS: 1.522

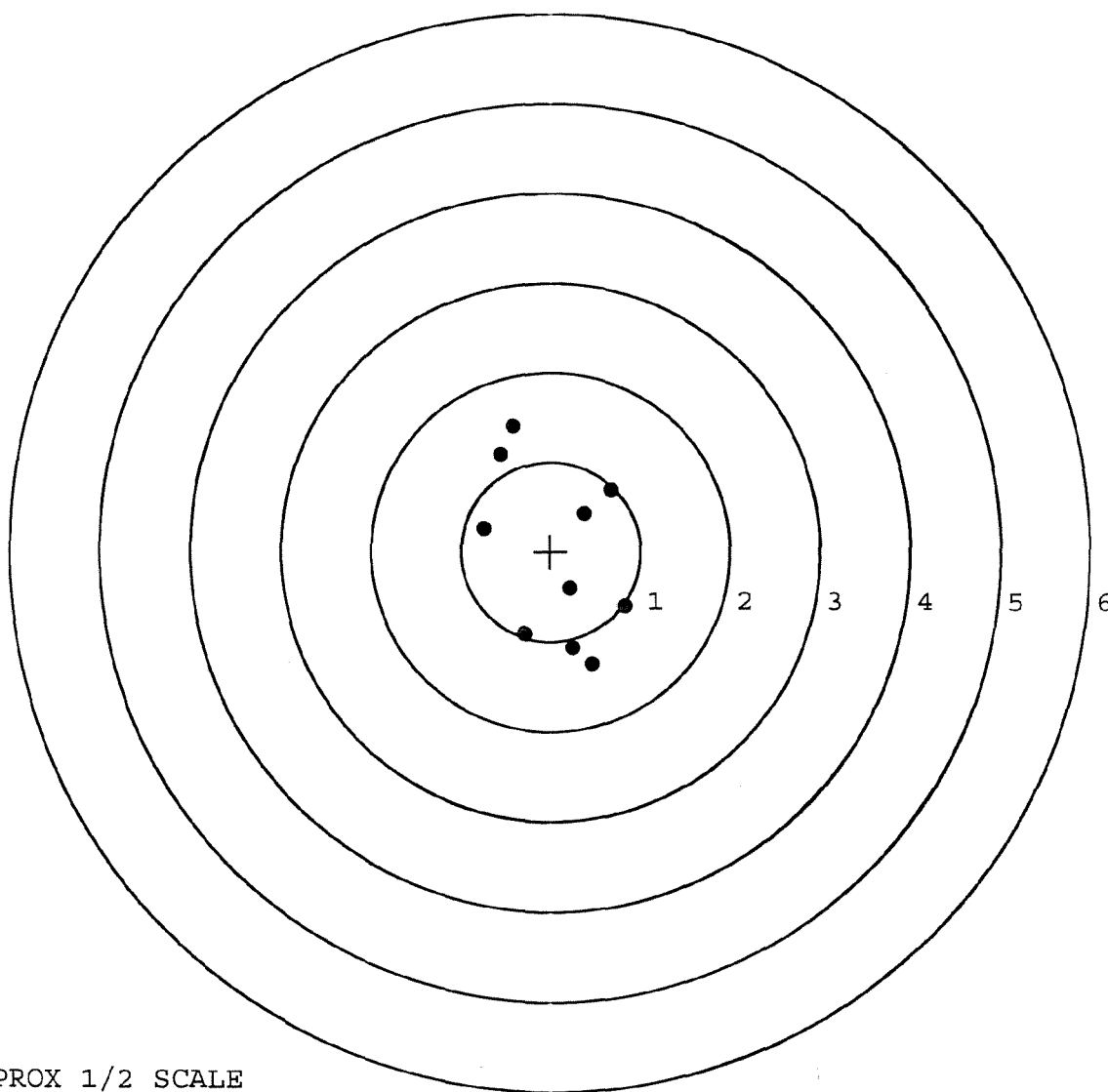
MEAN RADIUS: 0.981

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.831	-0.612
2:	0.465	-1.259
3:	0.251	-1.079
4:	-0.291	-0.924
5:	0.218	-0.419
6:	0.376	0.426
7:	0.678	0.691
8:	-0.561	1.079
9:	-0.421	1.391
10:	-0.748	0.248



TARGET APPROX 1/2 SCALE

BARBER - M24 0180394

SERIAL NUMBER: G6695361. __0

TARGET NUMBER: 2

FILE DATE: 03/25/2008

FILE TIME: 06:51

POINT#	X	Y
1:	0.241	1.210
2:	0.168	1.892
3:	-0.430	0.535
4:	-0.181	0.524
5:	-0.230	0.072
6:	-0.197	-0.309
7:	-0.410	-0.504
8:	0.536	-0.503
9:	0.714	-0.343
10:	-1.368	-0.675

X CENTROID: -0.116

Y CENTROID: 0.190

POA TO CENTROID: 0.222

HORZ SPREAD: 2.082

VERT SPREAD: 2.567

GROUP SPREAD: 2.991

MIN RADIUS: 0.164

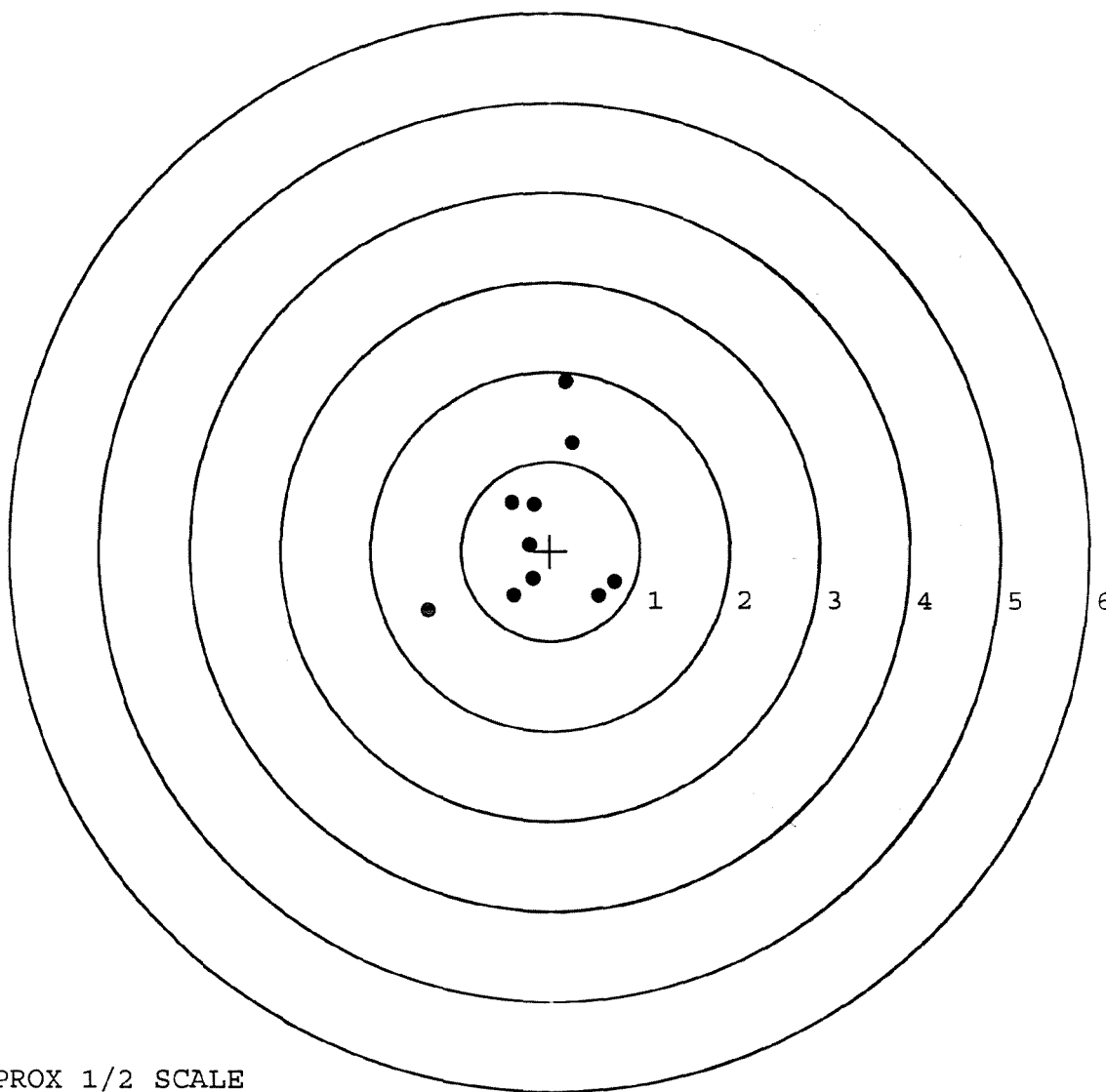
MAX RADIUS: 1.726

MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



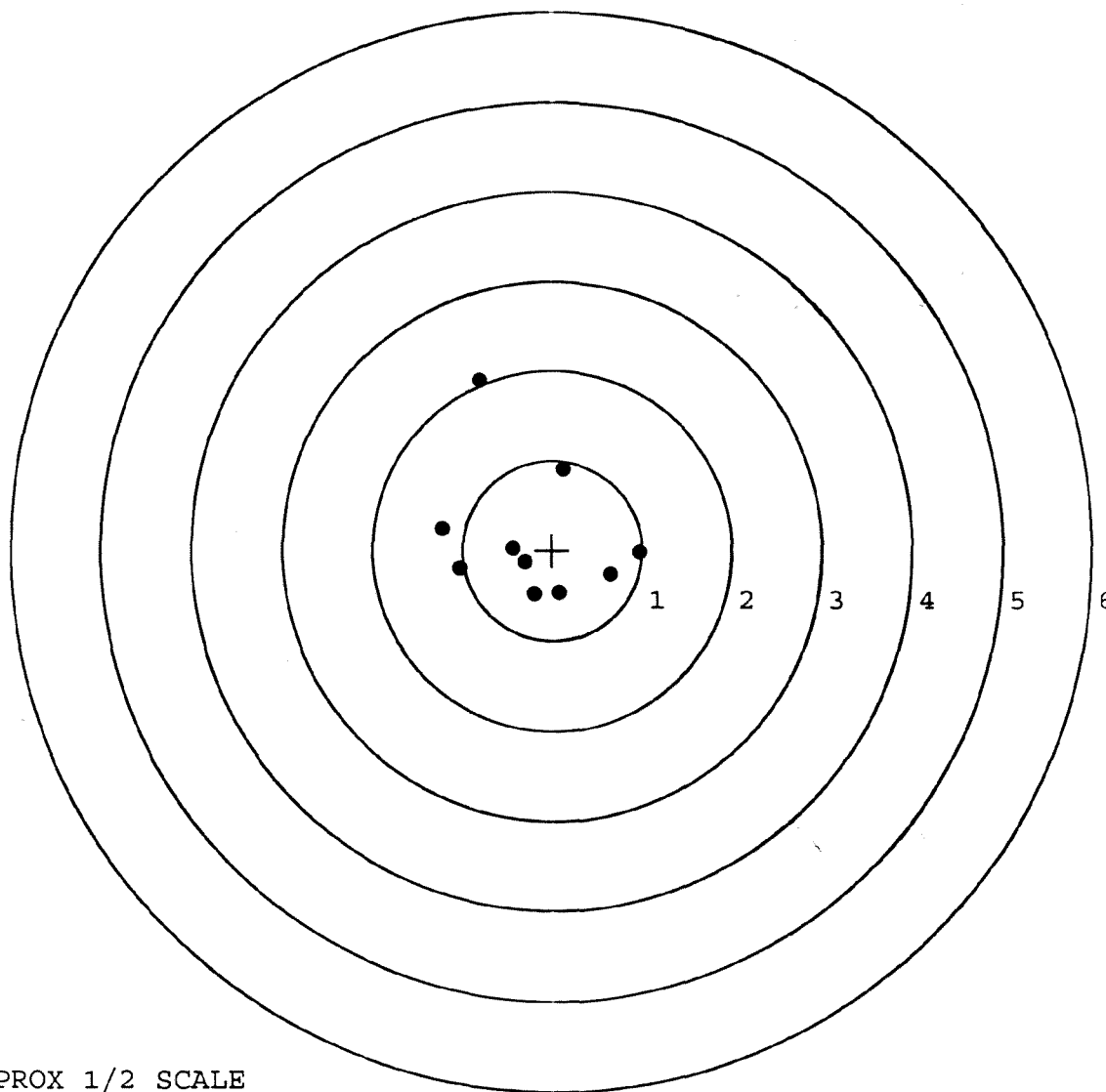
TARGET APPROX 1/2 SCALE

BARBER - M24 0180395

SERIAL NUMBER: G6695361. 0
 TARGET NUMBER: 3
 FILE DATE: 03/25/2008
 FILE TIME: 06:51

POINT#	X	Y
1:	0.122	0.905
2:	-0.813	1.889
3:	-1.232	0.238
4:	-1.031	-0.210
5:	-0.434	0.026
6:	-0.303	-0.139
7:	-0.206	-0.492
8:	0.074	-0.477
9:	0.649	-0.268
10:	0.980	-0.025

X CENTROID: -0.219
 Y CENTROID: 0.145
 POA TO CENTROID: 0.263
 HORZ SPREAD: 2.212
 VERT SPREAD: 2.381
 GROUP SPREAD: 2.623
 MIN RADIUS: 0.245
 MAX RADIUS: 1.843
 MEAN RADIUS: 0.862
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0180396

SERIAL NUMBER: G6695361. __0

TARGET NUMBER: 4

FILE DATE: 03/25/2008

FILE TIME: 06:51

POINT#	X	Y
1:	0.881	0.499
2:	0.726	0.436
3:	0.606	0.270
4:	0.426	0.769
5:	0.119	0.302
6:	0.037	-0.477
7:	-0.158	-0.490
8:	-0.408	0.010
9:	-0.647	-0.162
10:	-0.941	0.829

X CENTROID: 0.064

Y CENTROID: 0.199

POA TO CENTROID: 0.209

HORZ SPREAD: 1.822

VERT SPREAD: 1.319

GROUP SPREAD: 1.852

MIN RADIUS: 0.117

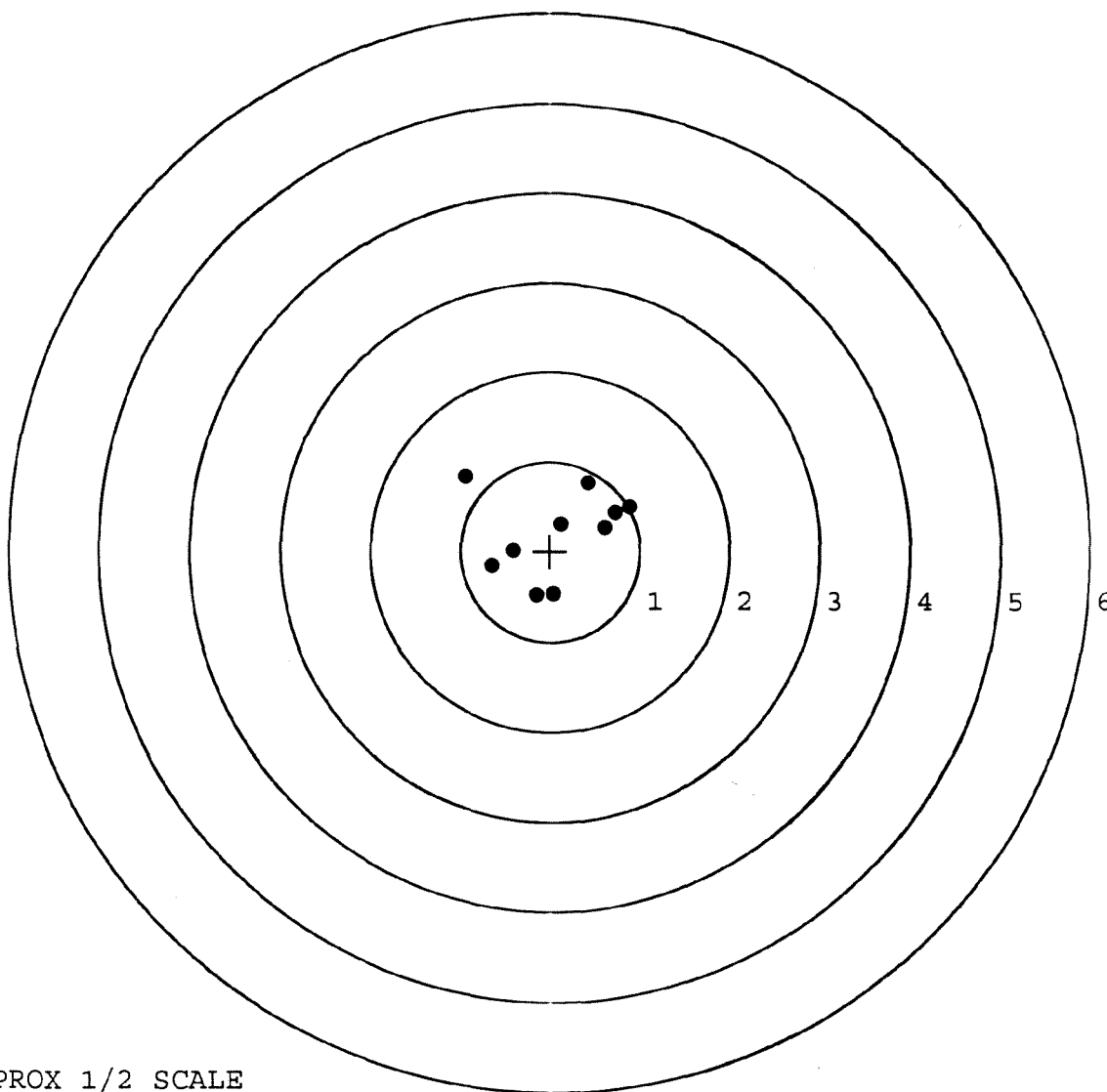
MAX RADIUS: 1.186

MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180397

SERIAL NUMBER: G6695361. 0

TARGET NUMBER: 5

FILE DATE: 03/25/2008

FILE TIME: 06:51

POINT#	X	Y
1:	0.785	-0.411
2:	0.801	0.203
3:	0.368	0.217
4:	0.180	-0.609
5:	-0.284	-0.813
6:	-0.177	0.036
7:	-0.406	-0.183
8:	-0.422	0.118
9:	-0.546	0.358
10:	-1.055	0.667

X CENTROID: -0.076

Y CENTROID: -0.042

POA TO CENTROID: 0.086

HORZ SPREAD: 1.856

VERT SPREAD: 1.480

GROUP SPREAD: 2.133

MIN RADIUS: 0.128

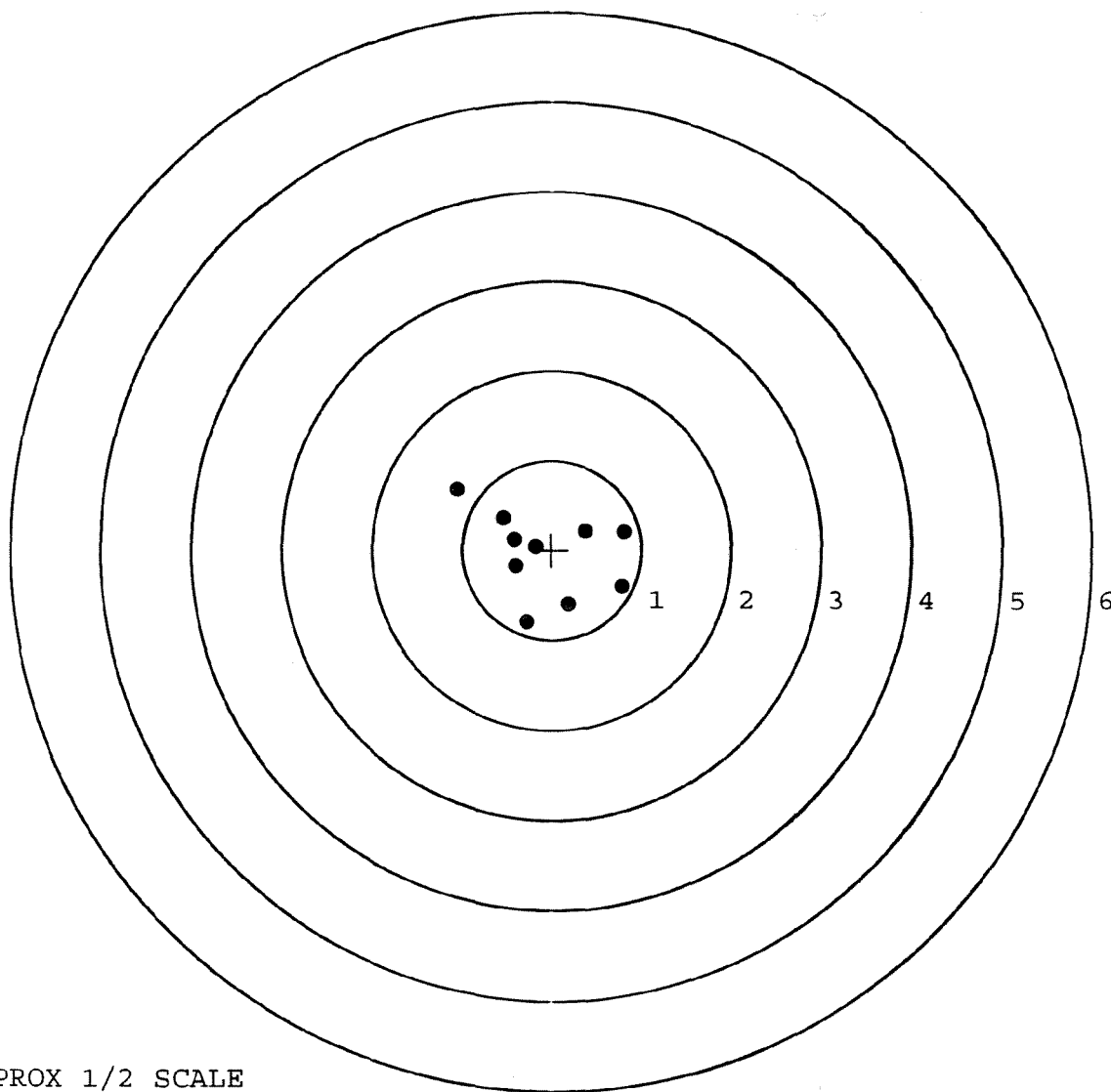
MAX RADIUS: 1.209

MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE