

G6699803

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



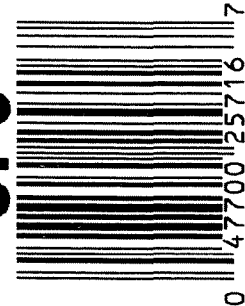
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6699803

UPC



GUN SERIAL # 66699803

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-08	RTZ
420	ASSEMBLE ACTION		3-5-08	APPJ
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	APPJ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	3/7/08	unus
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)		3-12-08	CW
	(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	APPJ
	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>2 lb.</u> <u>2 lb.</u> <u>2 lb.</u>	4-10-08	R.P.D.
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2 lb.</u> <u>2 lb.</u> <u>2 lb.</u>	4-10-08	R.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	4-10-08	R.P.D.
	J) ASSEMBLE STOCK		3-18-08	R.P.D.
	K) ASSEMBLE SWIVEL STUDS		4-10-08	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-10-08	R.P.D.
	M) IRON SIGHT ALIGNMENT		4-10-08	R.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-10-08	R.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-9-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-9-08	TRU
660	INSPECT FOR LIVE AMMO		4-9-08	RT
670	FINAL INSPECTION A) HEADSPACE		4-10-08	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.75</u> <u>2.71</u> <u>2.75</u> <u>2.78</u> <u>2.81</u>	4-10-08	RT
	C) FUNCTION		4-10-08	RT
690	PACK		4/11/08	Fm

F004 REV 5/2006

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 1-22-08TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.66		2.46	
PULL #2	2.54	2.59		2.38	
PULL #3	2.60	2.54		2.45	
PULL #4	2.60	2.55		2.48	
PULL #5	2.59	2.50		2.55	
TOTAL	12.88	12.84		12.32	
AVERAGE	2.57	2.56		2.46	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.02		
PULL #2	3.06	3.09		
PULL #3	3.11	3.21		
PULL #4	3.08	3.29		
PULL #5	3.21	3.30		
TOTAL	15.55	15.91		
AVERAGE	3.11	3.18		

	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	4.64	4.06		4.54
PULL #2	4.30	4.00		4.49
PULL #3	4.33	4.11		4.48
PULL #4	4.32	4.10		4.42
PULL #5	4.34	4.20		4.36
TOTAL	21.93	20.47		22.29
AVERAGE	4.38	4.09		4.45

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699803.__0

FILE DATE AND TIME: 04/10/2008 10:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.008
The Average Y Centroid of the Five Target Set:	0.018
The Average Point of Impact of the Five Target Set:	0.020
The Average Mean Radius of the Five Target Set:	0.832
The Distance from POA to Centroid Target #1:	0.223
The Distance from Centroid Target #2 to Centroid Target #1:	0.250
The Distance from Centroid Target #3 to Centroid Target #1:	0.347
The Distance from Centroid Target #4 to Centroid Target #1:	0.443
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

BARBER - M24 0178591

SERIAL NUMBER: G6699803. __0

TARGET NUMBER: 1

FILE DATE: 04/10/2008

FILE TIME: 10:32

POINT#	X	Y
1:	-1.396	0.828
2:	-1.436	0.259
3:	-1.236	-0.089
4:	-0.385	0.131
5:	-0.029	0.608
6:	0.877	0.427
7:	1.172	0.350
8:	1.341	0.284
9:	0.224	-0.394
10:	-0.276	-0.492

X CENTROID: -0.114

Y CENTROID: 0.191

POA TO CENTROID: 0.223

HORZ SPREAD: 2.777

VERT SPREAD: 1.320

GROUP SPREAD: 2.791

MIN RADIUS: 0.277

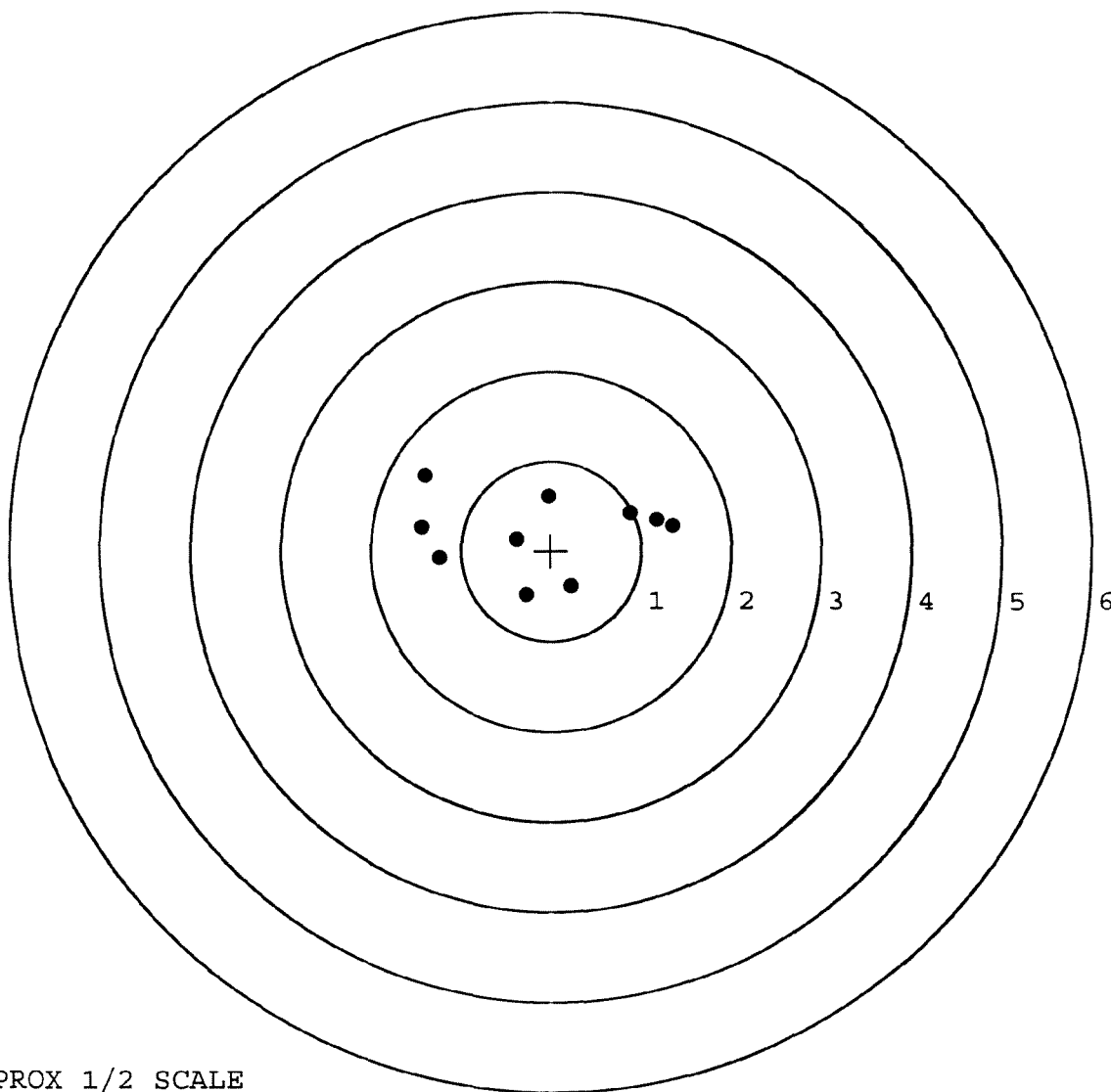
MAX RADIUS: 1.458

MEAN RADIUS: 0.976

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178592

SERIAL NUMBER: G6699803. 0

TARGET NUMBER: 2

FILE DATE: 04/10/2008

FILE TIME: 10:32

POINT#	X	Y
1:	0.061	0.939
2:	-0.178	0.422
3:	-0.939	0.798
4:	-1.326	-0.214
5:	-0.335	-0.308
6:	0.659	-0.076
7:	0.745	-0.433
8:	0.447	-0.753
9:	0.238	-0.462
10:	1.382	0.376

X CENTROID: 0.075

Y CENTROID: 0.029

POA TO CENTROID: 0.081

HORZ SPREAD: 2.708

VERT SPREAD: 1.692

GROUP SPREAD: 2.772

MIN RADIUS: 0.468

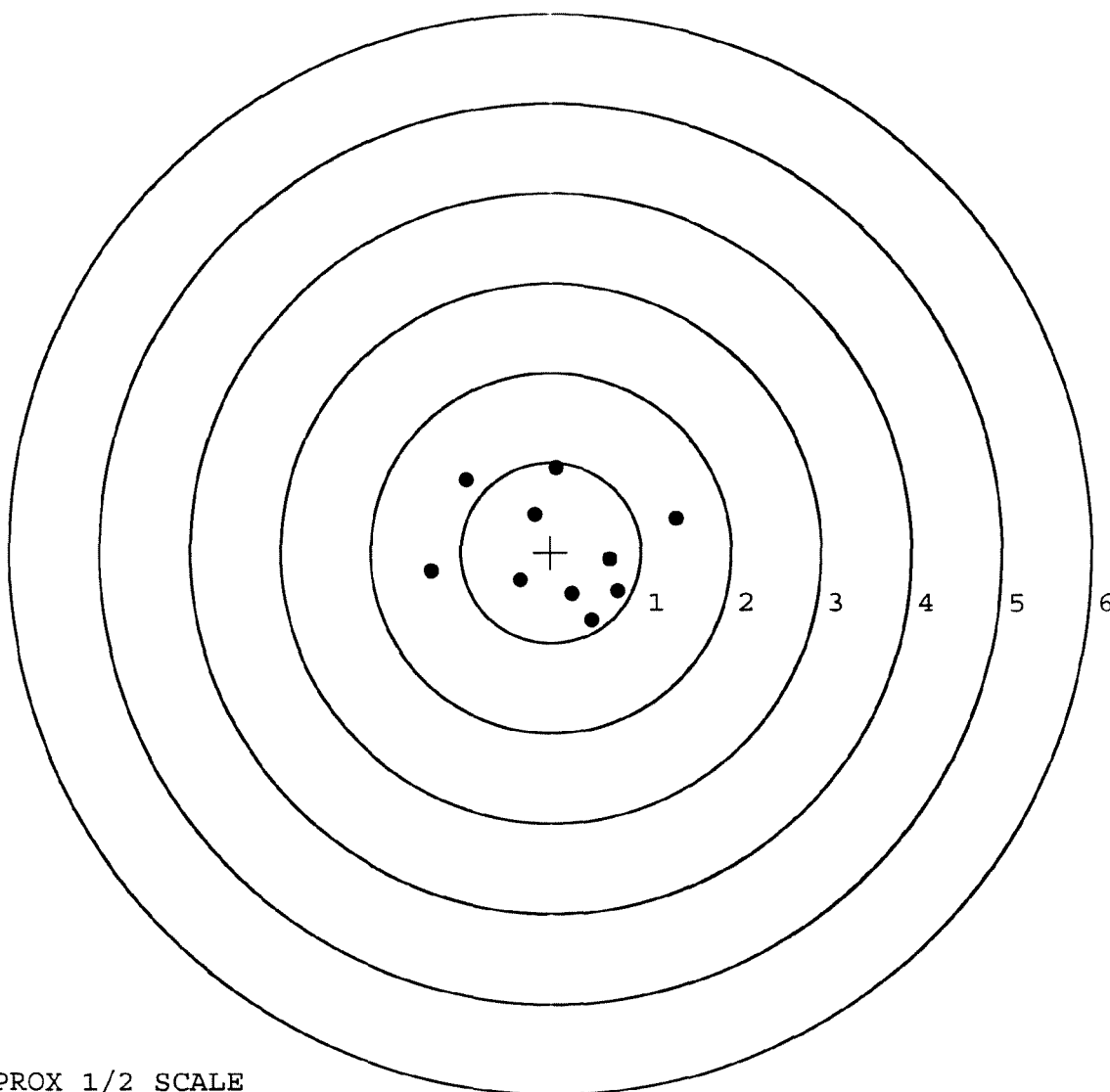
MAX RADIUS: 1.422

MEAN RADIUS: 0.875

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178593

SERIAL NUMBER: G6699803. __0

TARGET NUMBER: 3

FILE DATE: 04/10/2008

FILE TIME: 10:32

POINT#	X	Y
1:	-0.980	0.983
2:	-1.513	0.725
3:	-0.634	-0.864
4:	0.407	-0.773
5:	0.420	-0.111
6:	0.749	-0.080
7:	0.746	0.309
8:	0.482	0.513
9:	1.566	-0.458
10:	0.600	-0.090

X CENTROID: 0.184

Y CENTROID: 0.015

POA TO CENTROID: 0.185

HORZ SPREAD: 3.079

VERT SPREAD: 1.847

GROUP SPREAD: 3.298

MIN RADIUS: 0.267

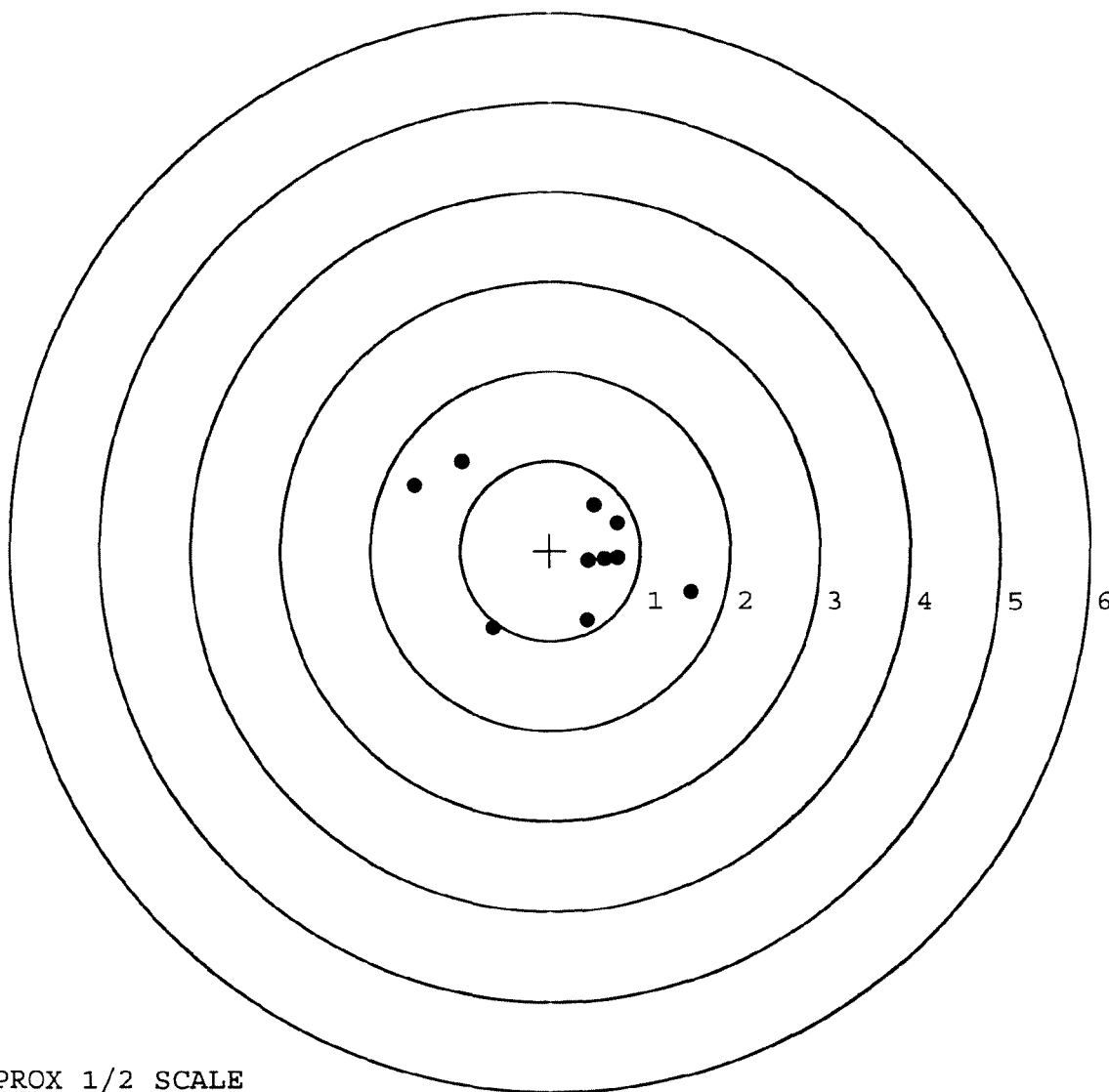
MAX RADIUS: 1.840

MEAN RADIUS: 0.932

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0178594

SERIAL NUMBER: G6699803. 0

TARGET NUMBER: 4

FILE DATE: 04/10/2008

FILE TIME: 10:32

POINT#	X	Y
1:	0.201	0.601
2:	0.615	-0.069
3:	0.958	-0.413
4:	0.298	-0.252
5:	0.024	-0.142
6:	-0.198	-0.274
7:	-0.129	-0.675
8:	0.063	-0.812
9:	-0.619	0.254
10:	-1.277	-0.605

X CENTROID: -0.006

Y CENTROID: -0.239

POA TO CENTROID: 0.239

HORZ SPREAD: 2.235

VERT SPREAD: 1.413

GROUP SPREAD: 2.243

MIN RADIUS: 0.101

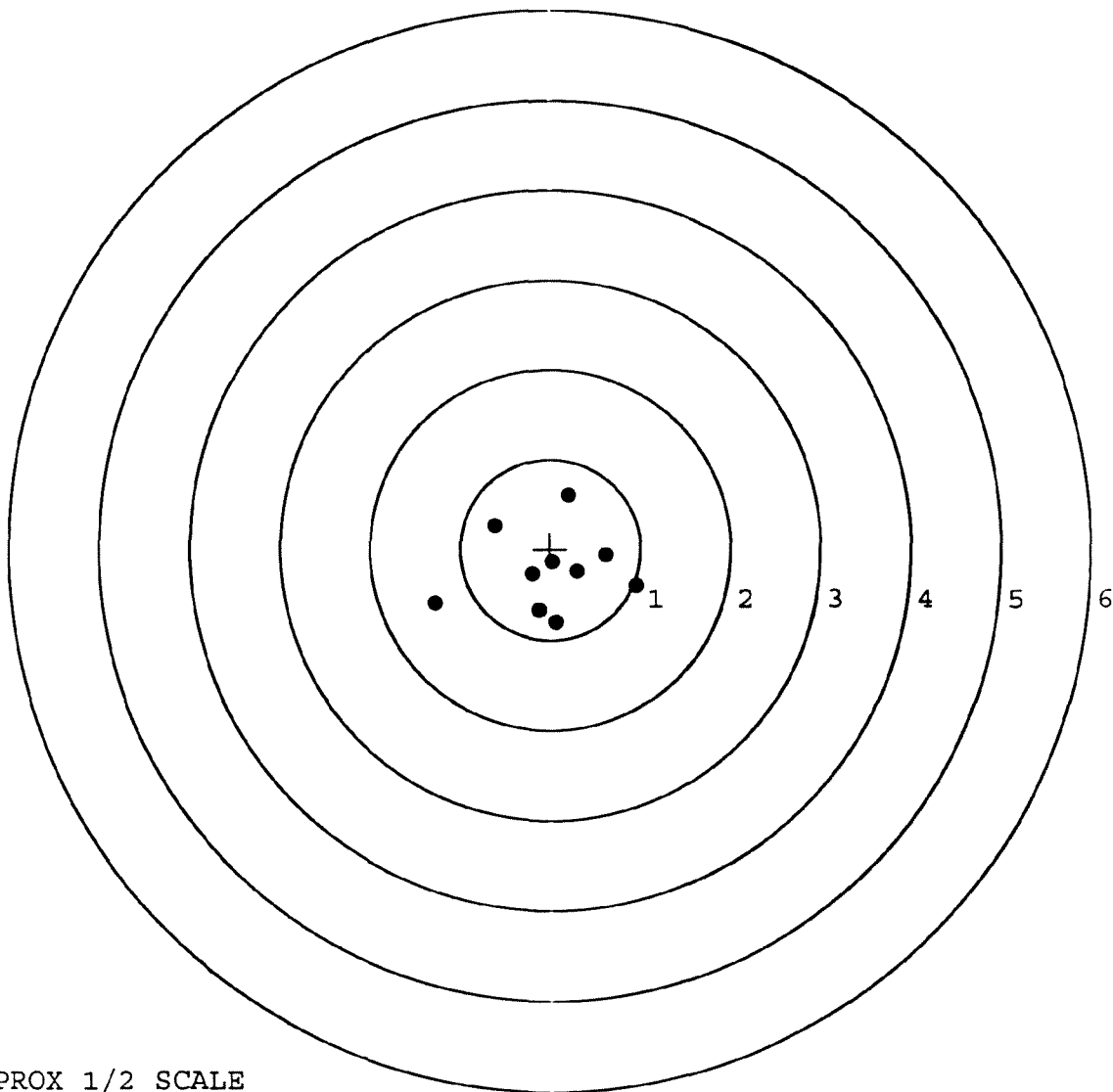
MAX RADIUS: 1.322

MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178595

SERIAL NUMBER: G6699803. __0

TARGET NUMBER: 5

FILE DATE: 04/10/2008

FILE TIME: 10:32

POINT#	X	Y
1:	-0.356	0.684
2:	0.122	0.269
3:	-0.308	0.393
4:	-0.453	0.224
5:	-0.465	0.016
6:	0.851	0.476
7:	0.898	-0.028
8:	0.749	-0.421
9:	-0.278	-0.741
10:	-1.738	0.077

X CENTROID: -0.098

Y CENTROID: 0.095

POA TO CENTROID: 0.136

HORZ SPREAD: 2.636

VERT SPREAD: 1.425

GROUP SPREAD: 2.638

MIN RADIUS: 0.280

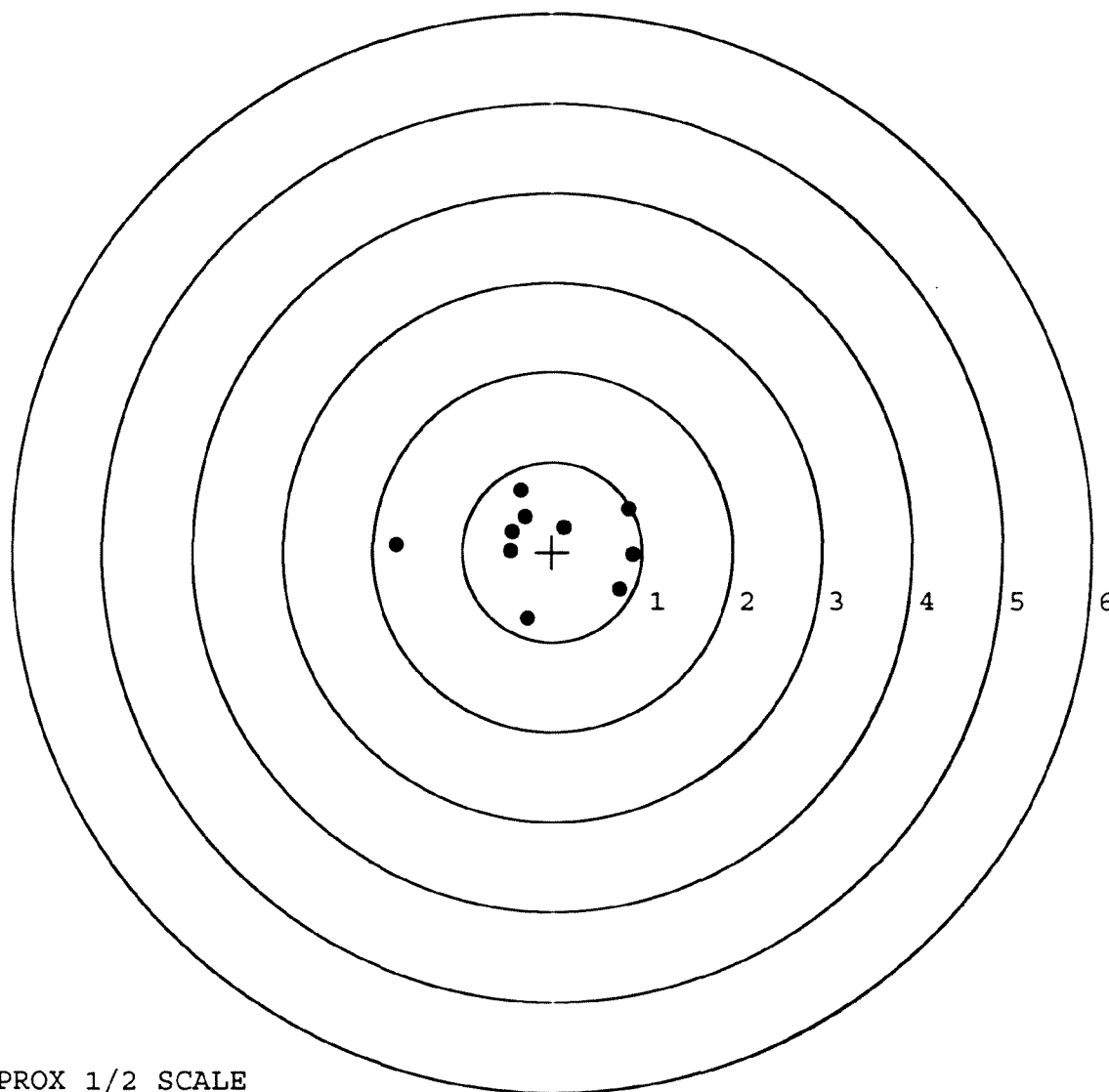
MAX RADIUS: 1.640

MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE