

G 6695420

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



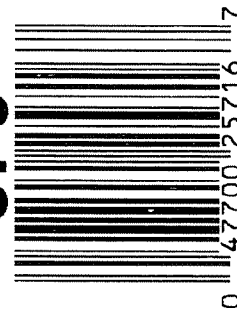
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6695420

UPC



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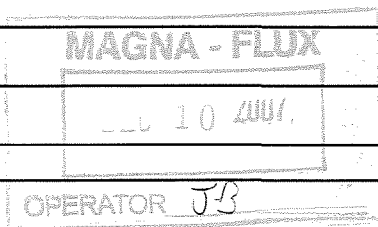


SERIAL NO.



GUN SERIAL # G1609 5420

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RTZ
420	ASSEMBLE ACTION		12-6-07	RTZ
430	ASSEMBLE TO STOCK		12-7-07	TRW
440	PROOF		12-7-07	TRW
460	CHECK HEADSPACE		12-7-07	TRW
470	DIS-ASSEMBLE ACTION		12-7-07	RTZ
480	MAGNAFLUX BBL ACTION		12-10-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	Fm
520	GOFF BLAST BBL / REC		12-11-07	EM
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	TS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-18-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-18-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-18-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-19-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			



F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>50</u> <u>50</u> <u>50</u>	12-27-07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>30</u> <u>30</u> <u>30</u>	12-27-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>1023</u> <u>1022</u>	12-27-07	DA
	J) ASSEMBLE STOCK		12-19-07	RT
	K) ASSEMBLE SWIVEL STUDS		12-27-07	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-27-07	RT
	M) IRON SIGHT ALIGNMENT		12-27-07	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-27-07	RT
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	12/20/07	com
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/24/07	FM
670	FINAL INSPECTION A) HEADSPACE		12-27-07	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.30</u> <u>2.32</u> <u>2.41</u> <u>2.34</u> <u>2.41</u>	12-27-07	DA
	C) FUNCTION		12-27-07	RT
690	PACK		12/27/07	DA

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 12-19-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.21	2.11		2.35	
PULL #2	2.27	2.15		2.51	
PULL #3	2.13	2.19		2.62	
PULL #4	2.11	2.12		2.66	
PULL #5	2.10	2.06		2.61	
TOTAL	10.82	10.63		12.75	
AVERAGE	2.16	2.12		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.26		
PULL #2	3.42	3.19		
PULL #3	3.20	3.03		
PULL #4	3.39	3.05		
PULL #5	3.21	3.05		
TOTAL	16.50	15.58		
AVERAGE	3.30	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	4.34	4.20		4.46
PULL #2	4.26	4.14		4.47
PULL #3	4.44	4.24		4.49
PULL #4	4.37	4.21		4.58
PULL #5	4.42	4.29		4.54
TOTAL	21.83	21.08		22.54
AVERAGE	4.36	4.21		4.50

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695420.__0

FILE DATE AND TIME: 12/26/2007 12:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	0.004
The Average Point of Impact of the Five Target Set:	0.025
The Average Mean Radius of the Five Target Set:	0.711
The Distance from POA to Centroid Target #1:	0.146
The Distance from Centroid Target #2 to Centroid Target #1:	0.368
The Distance from Centroid Target #3 to Centroid Target #1:	0.059
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.252

BARBER - M24 0179677

SERIAL NUMBER: G6695420. __0

TARGET NUMBER: 1

FILE DATE: 12/26/2007

FILE TIME: 12:04

POINT#	X	Y
1:	0.259	0.545
2:	0.637	0.296
3:	1.042	0.206
4:	0.659	-0.310
5:	0.943	-0.367
6:	0.228	-0.756
7:	-0.748	-0.186
8:	-1.269	0.125
9:	-1.087	0.282
10:	-2.113	-0.013

X CENTROID: -0.145

Y CENTROID: -0.018

POA TO CENTROID: 0.146

HORZ SPREAD: 3.155

VERT SPREAD: 1.301

GROUP SPREAD: 3.163

MIN RADIUS: 0.626

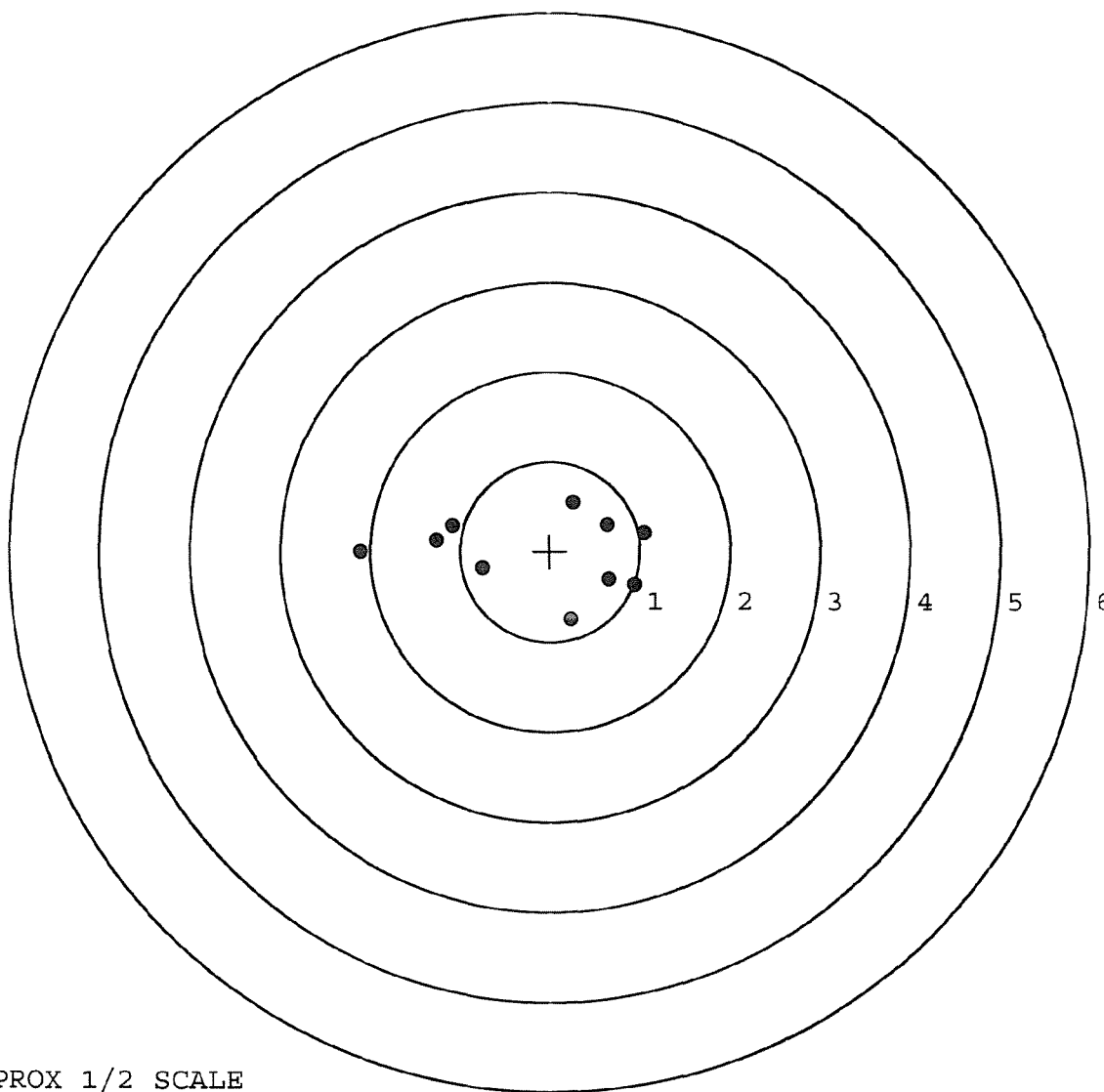
MAX RADIUS: 1.968

MEAN RADIUS: 1.028

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0179678

SERIAL NUMBER: G6695420. __0

TARGET NUMBER: 2

FILE DATE: 12/26/2007

FILE TIME: 12:04

POINT#	X	Y
1:	0.014	0.669
2:	-0.662	0.067
3:	-0.696	-0.097
4:	0.163	0.287
5:	0.252	0.021
6:	0.434	0.068
7:	0.991	-0.005
8:	1.318	-0.805
9:	0.187	-0.598
10:	0.177	-0.402

X CENTROID: 0.218

Y CENTROID: -0.079

POA TO CENTROID: 0.232

HORZ SPREAD: 2.014

VERT SPREAD: 1.474

GROUP SPREAD: 2.164

MIN RADIUS: 0.106

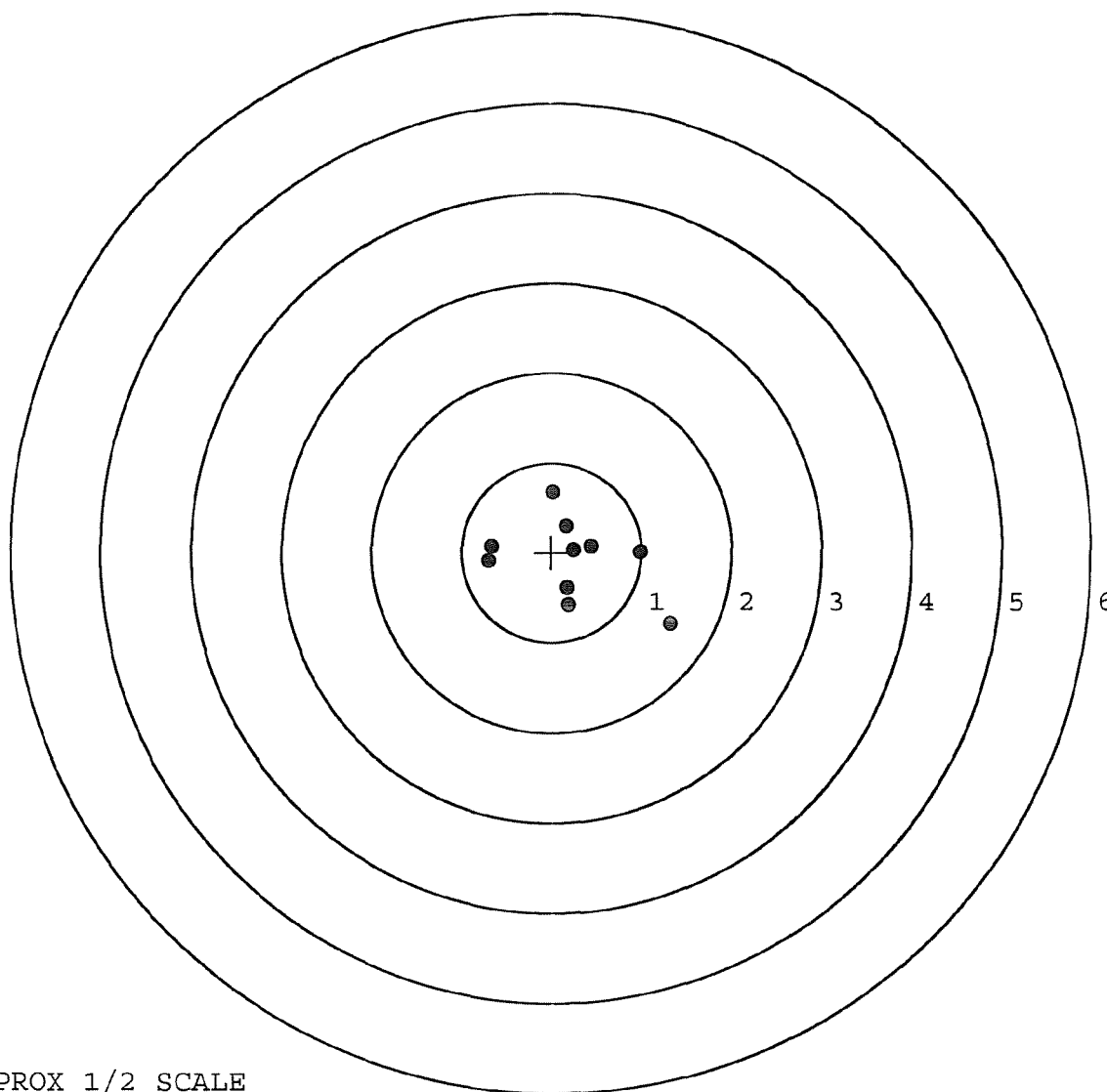
MAX RADIUS: 1.318

MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



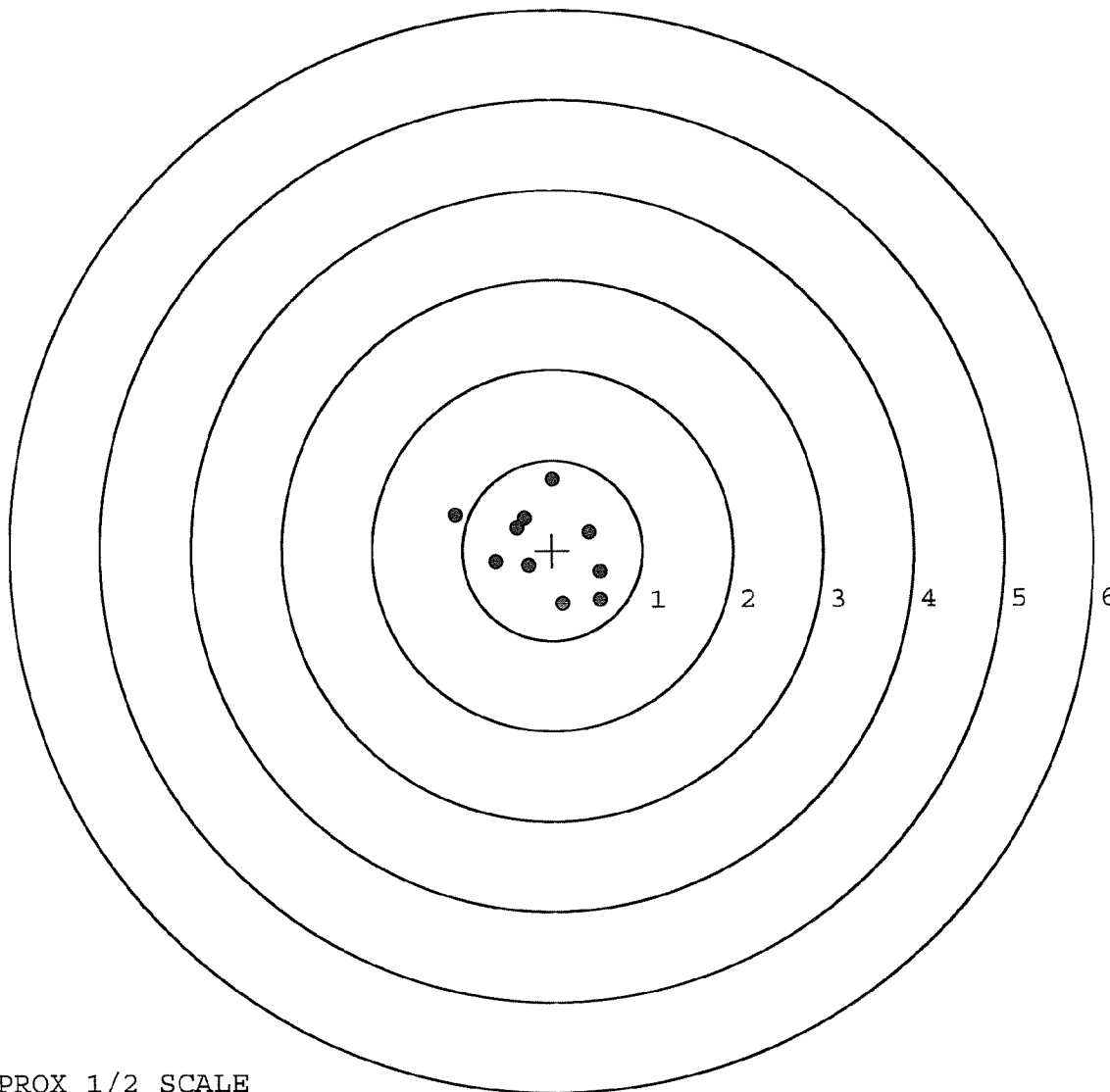
TARGET APPROX 1/2 SCALE

BARBER - M24 0179679

SERIAL NUMBER: G6695420. __0
 TARGET NUMBER: 3
 FILE DATE: 12/26/2007
 FILE TIME: 12:04

POINT#	X	Y
1:	-0.006	0.792
2:	0.409	0.199
3:	0.531	-0.244
4:	0.527	-0.557
5:	0.111	-0.599
6:	-0.265	-0.172
7:	-0.633	-0.132
8:	-0.387	0.252
9:	-0.308	0.360
10:	-1.078	0.399

X CENTROID: -0.110
 Y CENTROID: 0.030
 POA TO CENTROID: 0.114
 HORZ SPREAD: 1.609
 VERT SPREAD: 1.391
 GROUP SPREAD: 1.868
 MIN RADIUS: 0.255
 MAX RADIUS: 1.036
 MEAN RADIUS: 0.612
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179680

SERIAL NUMBER: G6695420. __ 0

TARGET NUMBER: 4

FILE DATE: 12/26/2007

FILE TIME: 12:04

POINT#	X	Y
1:	-0.968	0.738
2:	-0.265	0.526
3:	-0.021	0.370
4:	0.167	0.338
5:	0.700	0.715
6:	0.589	-0.606
7:	0.377	-0.146
8:	0.088	-0.155
9:	-0.194	-0.270
10:	0.121	-0.970

X CENTROID: 0.059

Y CENTROID: 0.054

POA TO CENTROID: 0.080

HORZ SPREAD: 1.668

VERT SPREAD: 1.708

GROUP SPREAD: 2.057

MIN RADIUS: 0.211

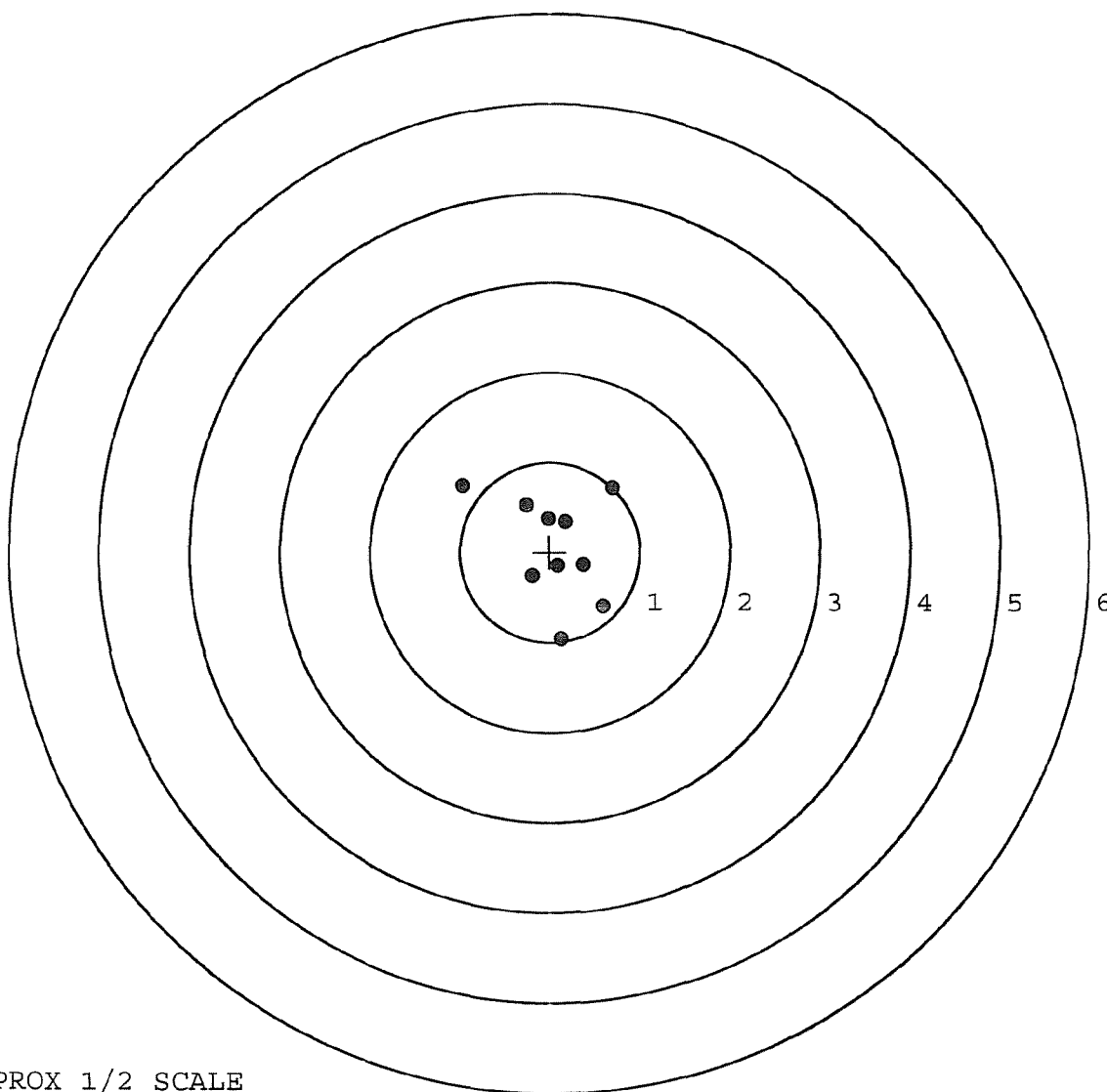
MAX RADIUS: 1.234

MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



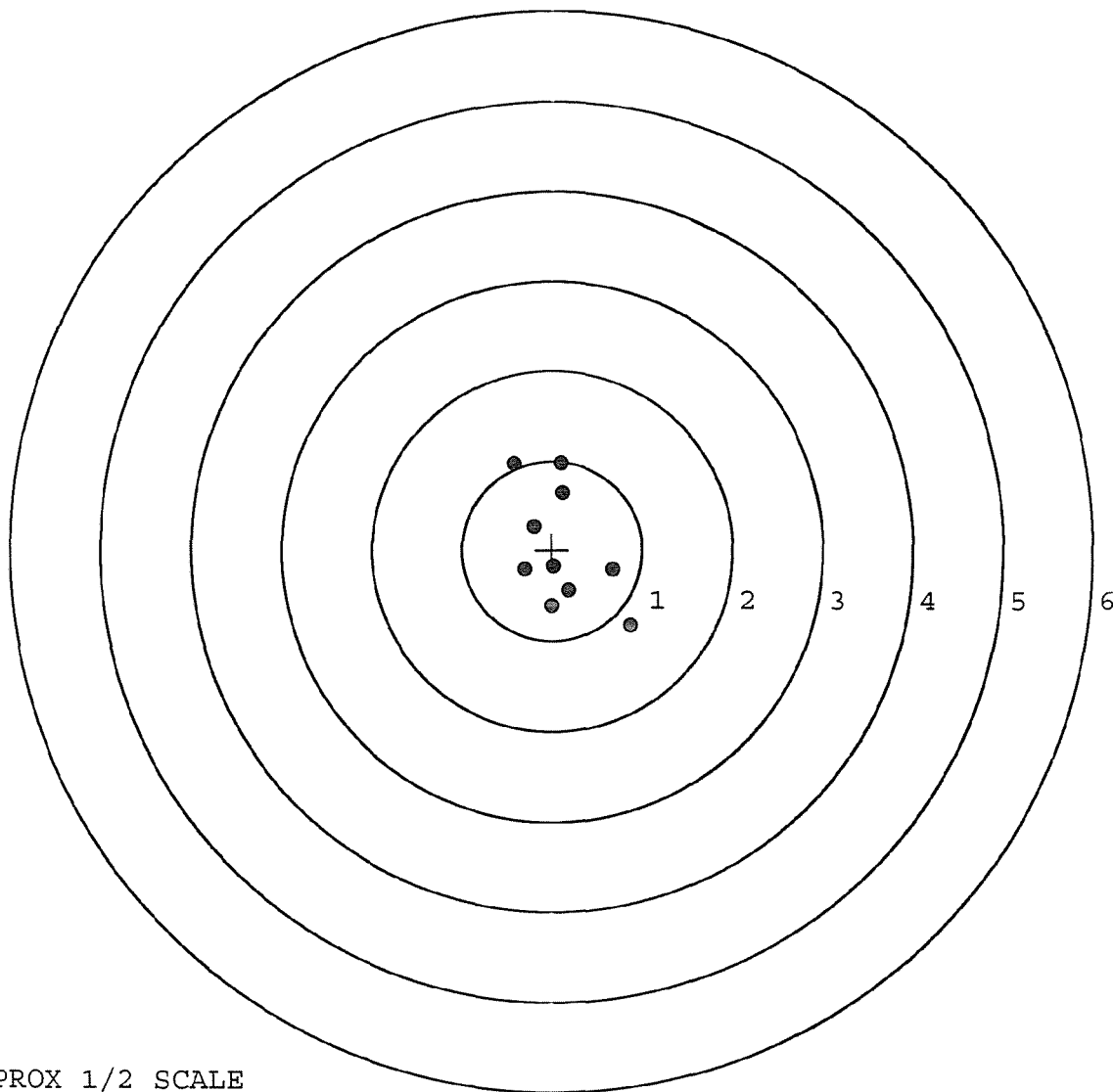
TARGET APPROX 1/2 SCALE

BARBER - M24 0179681

SERIAL NUMBER: G6695420. 0
 TARGET NUMBER: 5
 FILE DATE: 12/26/2007
 FILE TIME: 12:04

POINT#	X	Y
1:	-0.422	0.970
2:	0.102	0.978
3:	0.119	0.643
4:	-0.203	0.261
5:	0.677	-0.217
6:	0.868	-0.839
7:	-0.012	-0.626
8:	0.182	-0.449
9:	0.019	-0.185
10:	-0.304	-0.217

X CENTROID: 0.103
 Y CENTROID: 0.032
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.290
 VERT SPREAD: 1.817
 GROUP SPREAD: 2.222
 MIN RADIUS: 0.232
 MAX RADIUS: 1.159
 MEAN RADIUS: 0.666
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE