

G 664 52 77

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



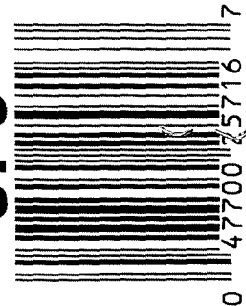
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645277

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66645277

GUN SERIAL # G6645277

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-17-07	SPD.
420	ASSEMBLE ACTION		6-19-07	SPD.
430	ASSEMBLE TO STOCK		6-21-07	TRW
440	PROOF	MAGNA - FLUX	6-21-07	TRW
460	CHECK HEADSPACE		6-21-07	TRW
470	DIS-ASSEMBLE ACTION		7-18-07	SPD.
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unna</i>	7/19/07	<i>unna</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-19-07	CW
510	DRILL AND TAP SIGHT HOLES		7-17-07	SD
520	GOFF BLAST BBL / REC		7-19-07	LV
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/23/07	TRB
560	RE-ASSEMBLE ACTION		7/26/07	
	A) CLEAN INSIDE OF BOLT ASSEMBLY		RP	RP
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7/26/07 RP	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		RP 7/26/07	RP
	D) OIL FIRING PIN ASSEMBLY		7/31/07	SPD.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

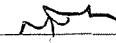
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>5.0</u> <u>5.25</u>	8/10/07	man
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.25</u> <u>4.25</u> <u>4.0</u>	8/10/07	man
	H) TRIGGER PULL TEST AND RETAINABILITY		8/10/07	man
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.024</u>	8/10/07	man
	J) ASSEMBLE STOCK		7/31/07	J.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/10/07	man
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8/1/07	man
	MALFUNCTION <u>OK</u>	CORRECTION OK	8-10-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-10-07	SD
670	FINAL INSPECTION A) HEADSPACE		8/10/07	man
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.46</u> <u>2.31</u> <u>2.19</u> <u>2.59</u>	8/2/07	man
	C) FUNCTION		8/10/07	man
690	PACK		8-16-07	RA

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 7/13/07

TESTER 

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS.	COMMENTS
PULL #1	2.42	2.54	2.48	
PULL #2	2.52	2.33	2.38	
PULL #3	2.50	2.24	2.31	
PULL #4	2.44	2.36	2.32	
PULL #5	2.57	2.39	2.36	
TOTAL	12.45	11.86	11.85	
AVERAGE	2.49	2.37	2.37	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	3.32	
PULL #2	3.11	3.24	
PULL #3	3.05	3.18	
PULL #4	3.13	3.12	
PULL #5	3.00	3.08	
TOTAL	15.37	15.94	
AVERAGE	3.07	3.19	

	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	4.05	4.09		4.08
PULL #2	3.97	3.94		4.11
PULL #3	3.92	4.00		4.07
PULL #4	3.85	3.83		4.12
PULL #5	3.87	4.00		4.21
TOTAL	19.66	19.86		20.59
AVERAGE	3.93	3.97		4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER// DATASET NAME: G6645277. __0
FILE DATE AND TIME: 08/01/2007 23:10

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:	-0.006
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.579
The Distance from POA to Centroid Target #1:	0.343
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.539
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

BARBER - M24 0170656

SERIAL NUMBER: G6645277. __0

TARGET NUMBER: 1

FILE DATE: 08/01/2007

FILE TIME: 23:10

POINT#	X	Y
1:	0.084	0.911
2:	0.000	0.572
3:	-0.608	0.343
4:	-0.137	0.055
5:	0.019	-0.008
6:	0.315	-0.019
7:	0.348	-0.775
8:	0.661	-0.621
9:	1.117	-0.192
10:	1.115	1.542

X CENTROID: 0.291

Y CENTROID: 0.181

POA TO CENTROID: 0.343

HORZ SPREAD: 1.725

VERT SPREAD: 2.317

GROUP SPREAD: 2.441

MIN RADIUS: 0.201

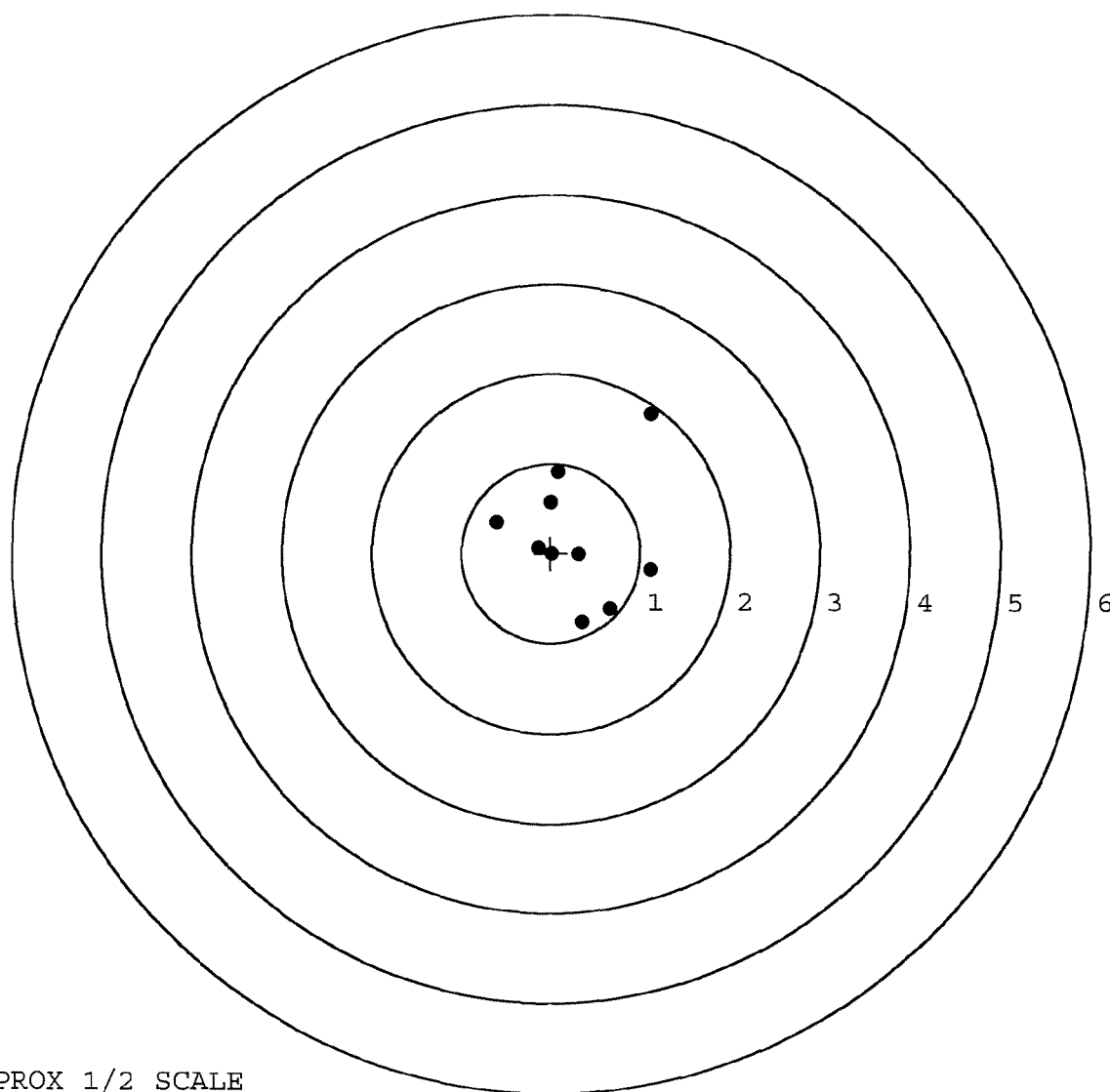
MAX RADIUS: 1.591

MEAN RADIUS: 0.748

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0170657

SERIAL NUMBER: G6645277. __0

TARGET NUMBER: 2

FILE DATE: 08/01/2007

FILE TIME: 23:10

POINT#	X	Y
1:	0.266	0.595
2:	0.365	0.290
3:	0.288	0.106
4:	-0.463	0.177
5:	-0.865	-0.194
6:	-0.085	-0.234
7:	0.127	-0.357
8:	-0.450	-0.843
9:	0.618	-0.501
10:	1.008	0.537

X CENTROID: 0.081

Y CENTROID: -0.042

POA TO CENTROID: 0.091

HORZ SPREAD: 1.873

VERT SPREAD: 1.438

GROUP SPREAD: 2.011

MIN RADIUS: 0.253

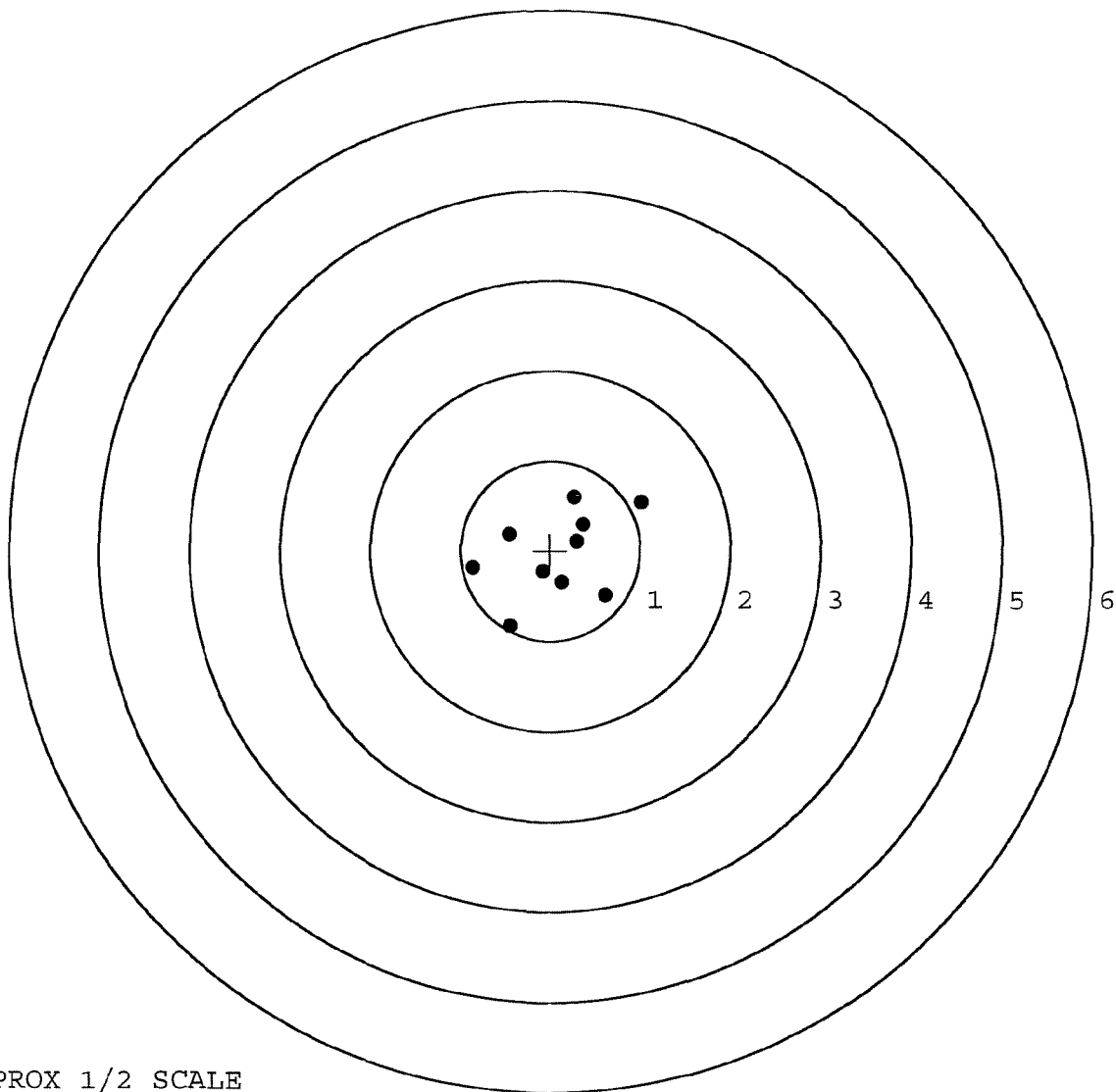
MAX RADIUS: 1.093

MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



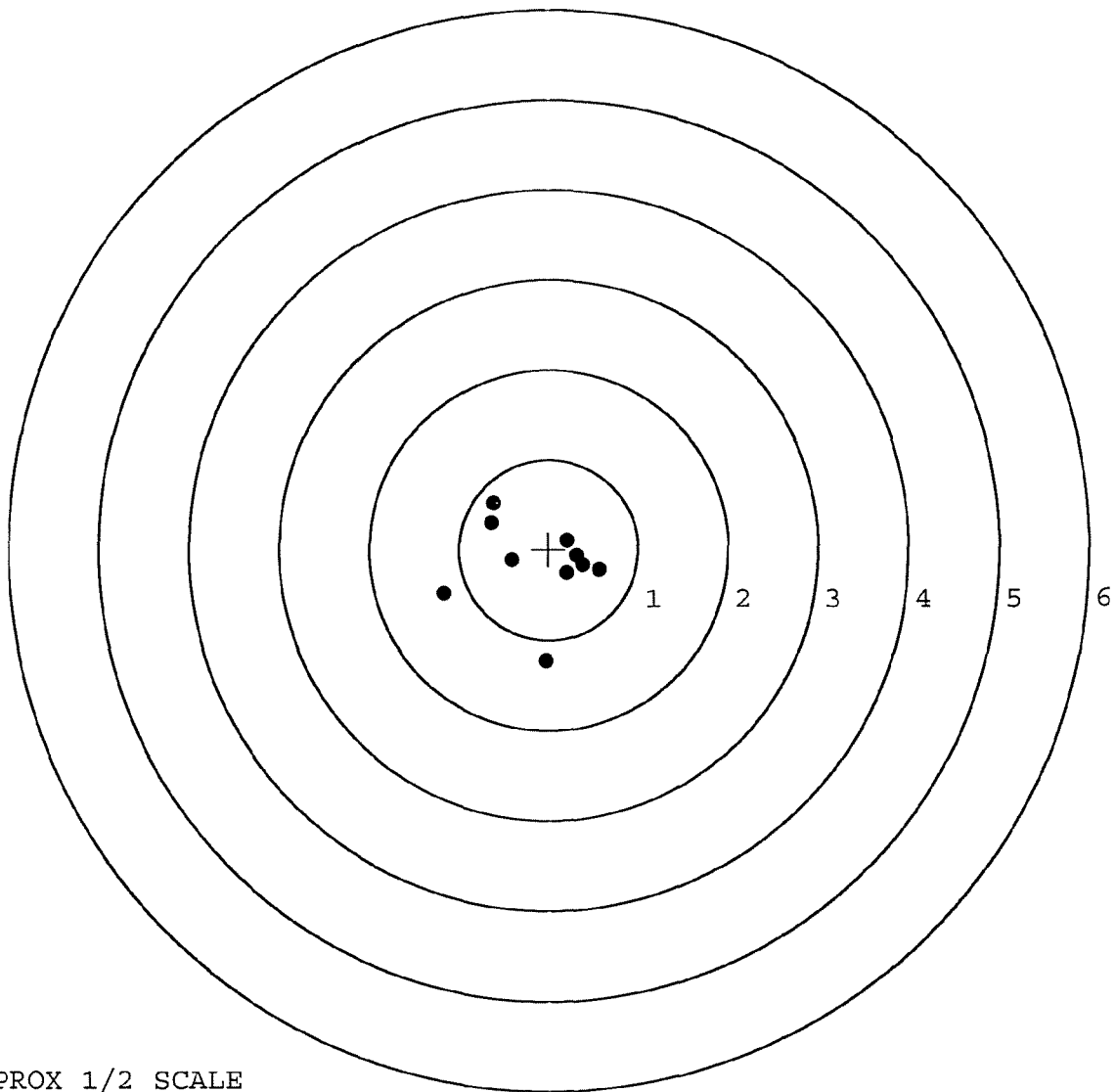
TARGET APPROX 1/2 SCALE

BARBER - M24 0170658

SERIAL NUMBER: G6645277. __ 0
 TARGET NUMBER: 3
 FILE DATE: 08/01/2007
 FILE TIME: 23:10

POINT#	X	Y
1:	-0.619	0.520
2:	-0.646	0.298
3:	-1.169	-0.488
4:	-0.407	-0.122
5:	-0.031	-1.235
6:	0.203	-0.267
7:	0.569	-0.232
8:	0.381	-0.174
9:	0.206	0.095
10:	0.314	-0.067

X CENTROID: -0.120
 Y CENTROID: -0.167
 POA TO CENTROID: 0.206
 HORZ SPREAD: 1.738
 VERT SPREAD: 1.755
 GROUP SPREAD: 1.757
 MIN RADIUS: 0.291
 MAX RADIUS: 1.097
 MEAN RADIUS: 0.641
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170659

SERIAL NUMBER: G6645277. __0

TARGET NUMBER: 4

FILE DATE: 08/01/2007

FILE TIME: 23:10

POINT#	X	Y
1:	0.137	0.548
2:	0.126	0.410
3:	0.148	0.174
4:	0.244	-0.210
5:	0.021	-0.308
6:	0.063	-0.743
7:	0.507	-0.991
8:	-0.278	-0.025
9:	-0.109	0.136
10:	-0.371	0.250

X CENTROID: 0.049

Y CENTROID: -0.076

POA TO CENTROID: 0.090

HORZ SPREAD: 0.878

VERT SPREAD: 1.539

GROUP SPREAD: 1.583

MIN RADIUS: 0.234

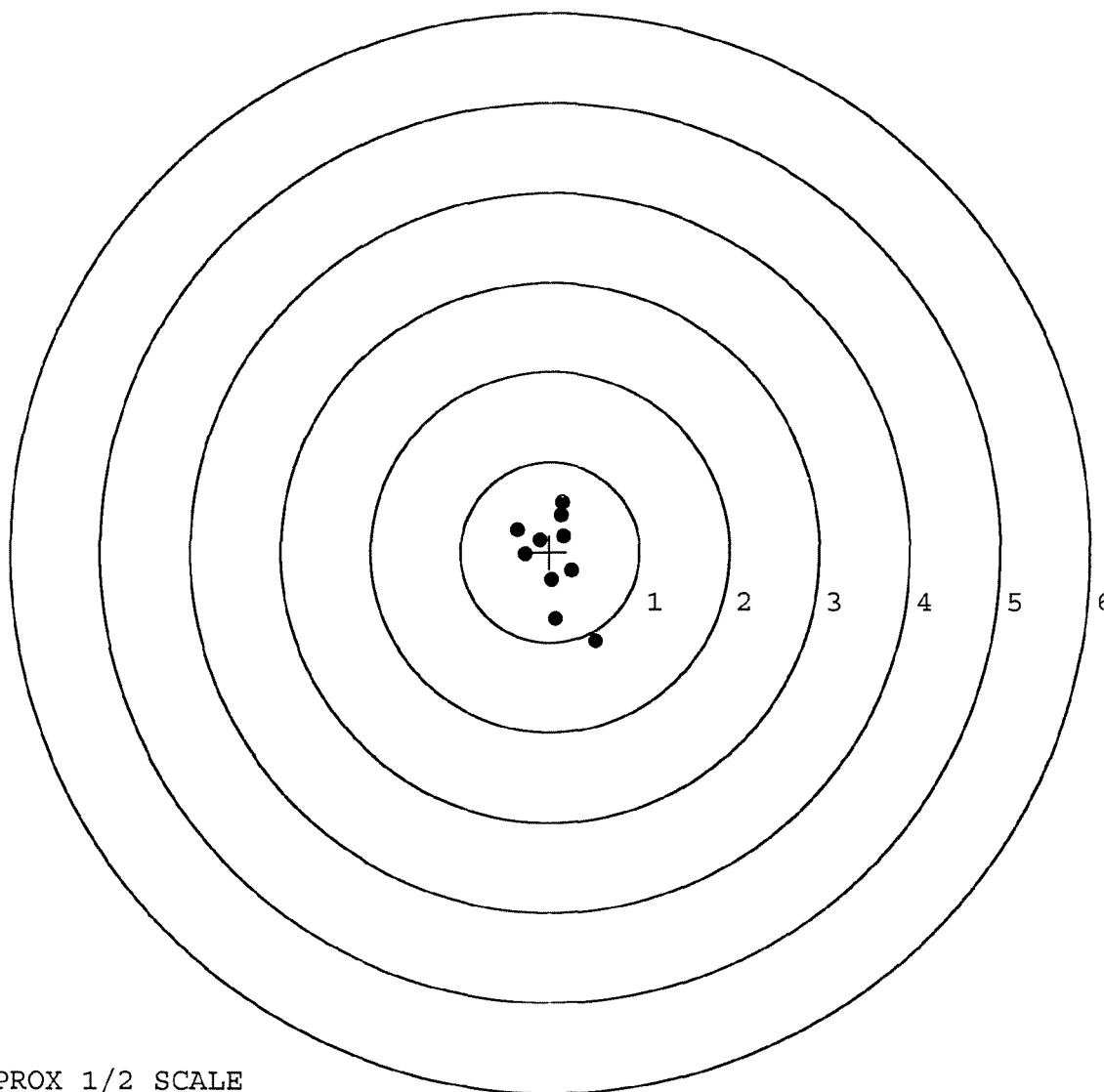
MAX RADIUS: 1.023

MEAN RADIUS: 0.468

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170660

SERIAL NUMBER: G6645277. __ 0

TARGET NUMBER: 5

FILE DATE: 08/01/2007

FILE TIME: 23:10

POINT#	X	Y
1:	0.020	0.194
2:	0.189	0.615
3:	0.679	0.437
4:	0.087	-0.196
5:	-0.367	-0.151
6:	-0.400	-0.206
7:	0.032	0.363
8:	0.384	-0.322
9:	-0.212	0.096
10:	0.396	-0.084

X CENTROID: 0.081

Y CENTROID: 0.075

POA TO CENTROID: 0.110

HORZ SPREAD: 1.079

VERT SPREAD: 0.937

GROUP SPREAD: 1.256

MIN RADIUS: 0.134

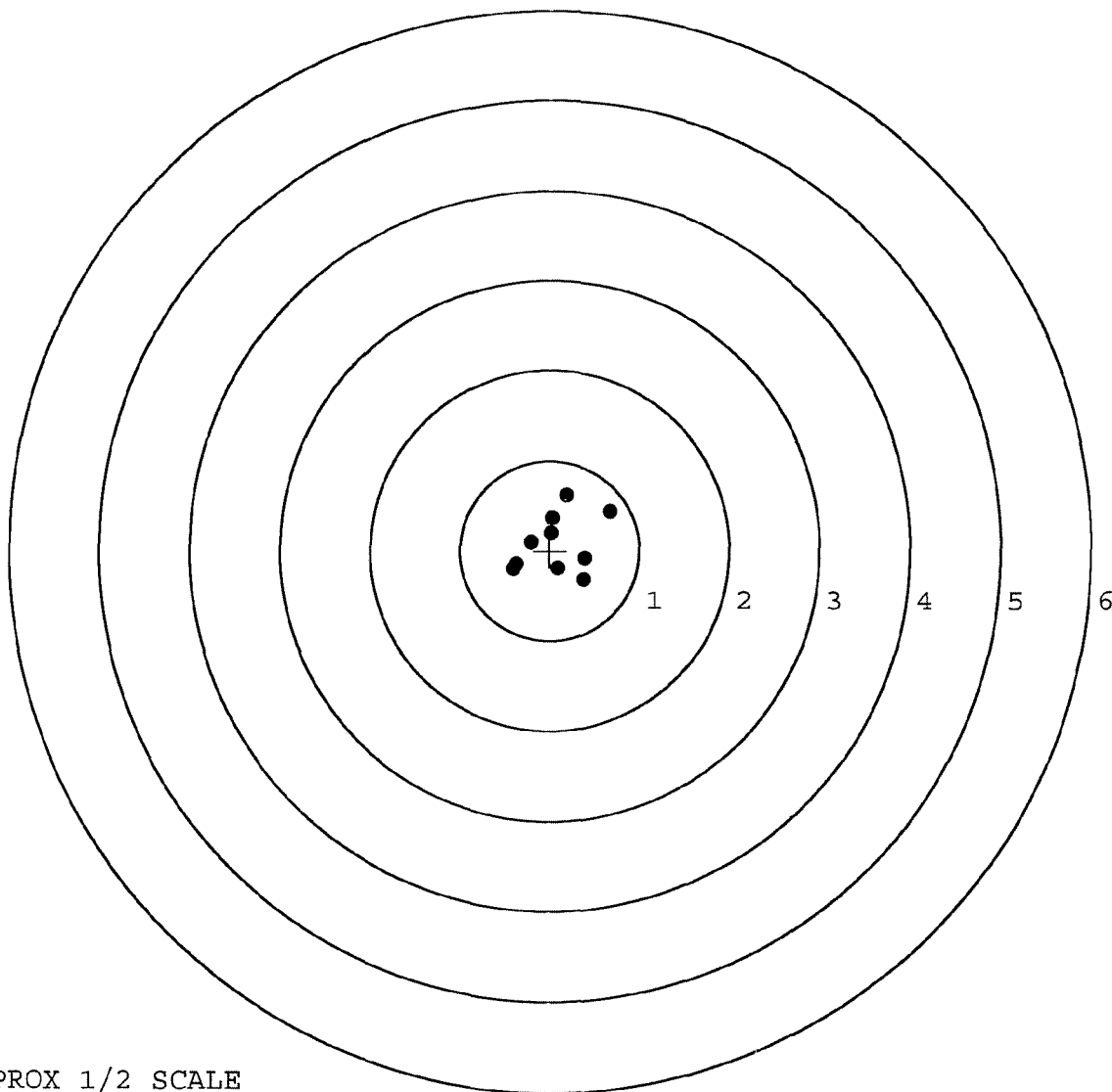
MAX RADIUS: 0.699

MEAN RADIUS: 0.415

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE