

G664 5599

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



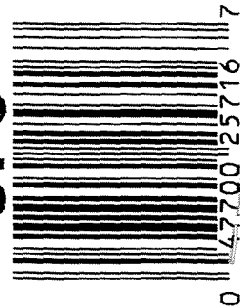
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645599

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



GUN SERIAL # 66645599

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		6-11-07	SPD
430	ASSEMBLE TO STOCK		6-12-07	Fm
440	PROOF	MAGNAFLUX	6-12-07	TRW
460	CHECK HEADSPACE	JUN 13 2007	6-12-07	TRW
470	DIS-ASSEMBLE ACTION		6-12-07	SPD
480	MAGNAFLUX BBL ACTION	OPERATOR: <i>unms</i>	6/13/07	unms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6-13-07	CW
510	DRILL AND TAP SIGHT HOLES		6-13-07	TRW
520	GOFF BLAST BBL / REC		6-13-07	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		6/14/07	TRW
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		6-18-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6-18-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6-18-07	SD
	D) OIL FIRING PIN ASSEMBLY		6-19-07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		6-22-07	unms

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.0</u> <u>8.0</u> <u>7.50</u>	6/22/07	nm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.15</u> <u>4.0</u> <u>3.50</u>	6/22/07	nm
	H) TRIGGER PULL TEST AND RETAINABILITY		6/22/07	nm
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.023</u>	6/22/07	nm
	J) ASSEMBLE STOCK		6-19-07	APD
	K) ASSEMBLE SWIVEL STUDS		6/22/07	nm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/22/07	nm
	M) IRON SIGHT ALIGNMENT		6/22/07	nm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/22/07	nm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	6/21/07	nm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		6-21-07	SD
670	FINAL INSPECTION A) HEADSPACE		6/22/07	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.32</u> <u>2.35</u> <u>2.34</u> <u>2.31</u> <u>2.31</u>	6/22/07	nm
	C) FUNCTION		6/22/07	nm
690	PACK		8-7-07	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 6-19-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.17	2.31		2.34	
PULL #2	2.33	2.24		2.37	
PULL #3	2.35	2.35		2.35	
PULL #4	2.35	2.33		2.27	
PULL #5	2.39	2.20		2.20	
TOTAL	11.59	11.43		11.53	
AVERAGE	2.31	2.28		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.01		
PULL #2	3.21	3.09		
PULL #3	3.08	3.16		
PULL #4	3.17	3.15		
PULL #5	3.13	3.23		
TOTAL	15.76	15.64		
AVERAGE	3.15	3.12		

	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	4.41	4.28		4.34
PULL #2	4.39	4.23		4.45
PULL #3	4.45	4.30		4.23
PULL #4	4.42	4.25		4.39
PULL #5	4.51	4.28		4.30
TOTAL	22.18	21.34		21.71
AVERAGE	4.43	4.26		4.34

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645599. __0

FILE DATE AND TIME: 06/21/2007 23:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.128
The Average Y Centroid of the Five Target Set:	0.159
The Average Point of Impact of the Five Target Set:	0.204
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.417
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.258
The Distance from Centroid Target #4 to Centroid Target #1:	0.375
The Distance from Centroid Target #5 to Centroid Target #1:	0.329

BARBER - M24 0172160

SERIAL NUMBER: G6645599. 0

TARGET NUMBER: 1

FILE DATE: 06/21/2007

FILE TIME: 23:25

POINT#	X	Y
1:	-0.678	1.241
2:	-0.825	1.050
3:	-2.145	0.597
4:	-0.081	0.306
5:	-0.212	0.174
6:	-0.116	-0.041
7:	0.103	-0.028
8:	0.454	-0.044
9:	0.611	-0.027
10:	0.613	0.262

X CENTROID: -0.228

Y CENTROID: 0.349

POA TO CENTROID: 0.417

HORZ SPREAD: 2.758

VERT SPREAD: 1.285

GROUP SPREAD: 2.826

MIN RADIUS: 0.153

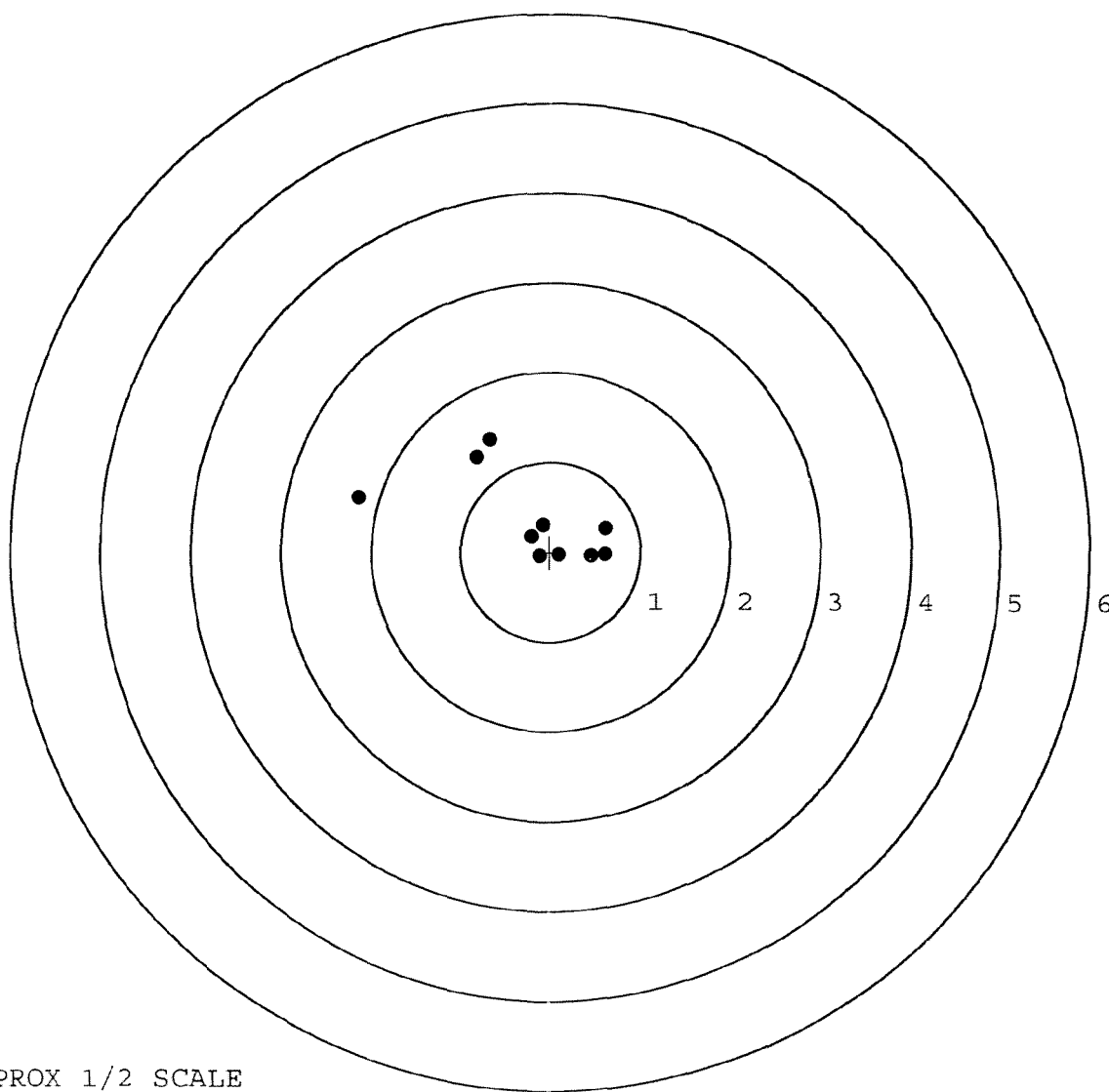
MAX RADIUS: 1.933

MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0172161

SERIAL NUMBER: G6645599. __0

TARGET NUMBER: 2

FILE DATE: 06/21/2007

FILE TIME: 23:25

POINT#	X	Y
1:	0.022	0.314
2:	0.312	0.361
3:	-0.926	0.490
4:	-0.477	-0.057
5:	-0.219	-0.444
6:	-0.272	-0.238
7:	-0.040	0.031
8:	0.531	-0.302
9:	0.047	0.964
10:	0.001	0.349

X CENTROID: -0.102

Y CENTROID: 0.147

POA TO CENTROID: 0.179

HORZ SPREAD: 1.457

VERT SPREAD: 1.408

GROUP SPREAD: 1.658

MIN RADIUS: 0.131

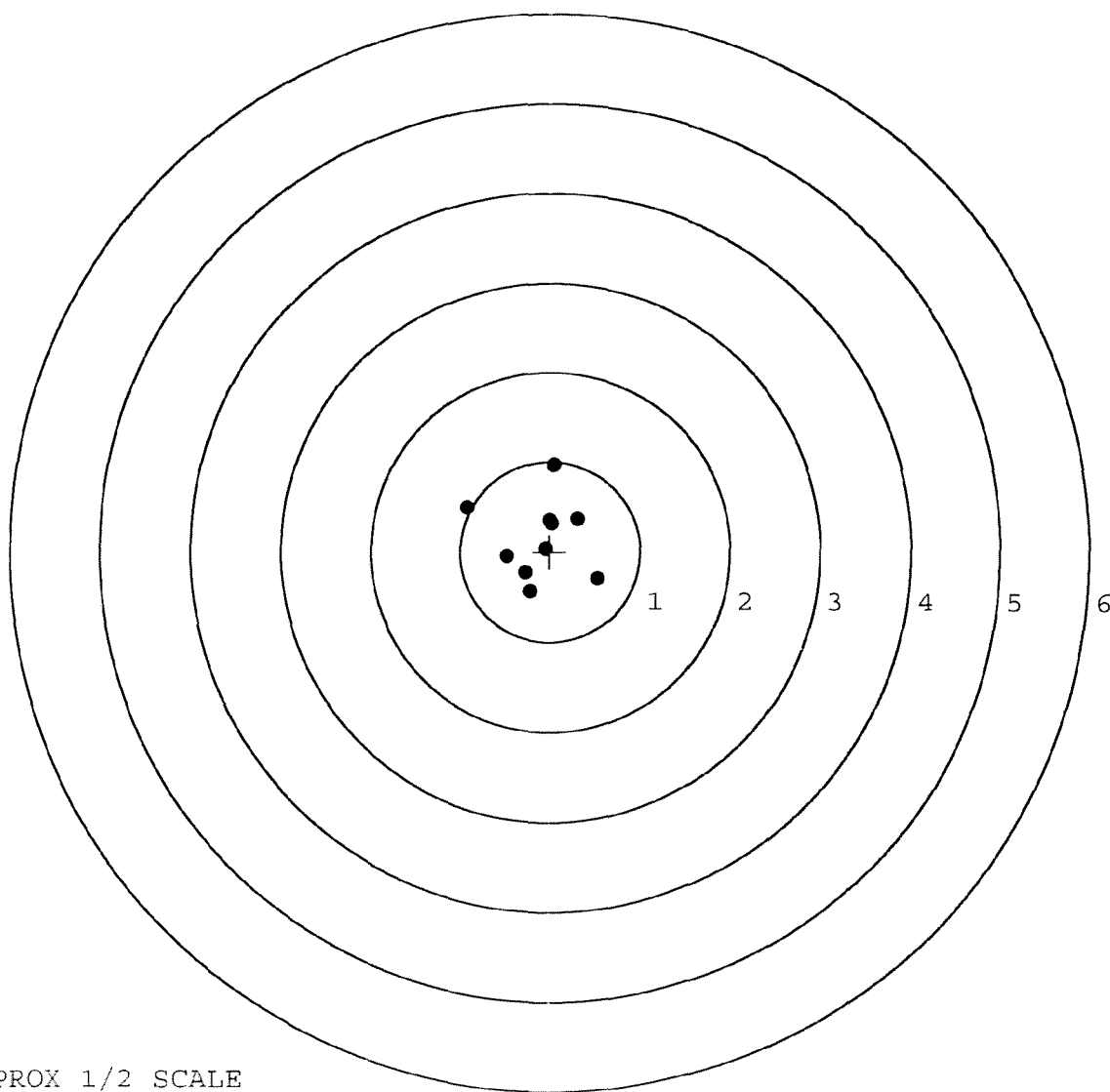
MAX RADIUS: 0.893

MEAN RADIUS: 0.498

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0172162

SERIAL NUMBER: G6645599. __0

TARGET NUMBER: 3

FILE DATE: 06/21/2007

FILE TIME: 23:25

POINT#	X	Y
1:	-0.852	0.939
2:	-0.804	0.385
3:	-0.485	0.285
4:	-0.470	0.024
5:	-0.235	0.025
6:	-0.045	-0.358
7:	0.085	-0.662
8:	0.448	-0.202
9:	0.691	0.451
10:	-1.688	0.255

X CENTROID: -0.336

Y CENTROID: 0.114

POA TO CENTROID: 0.354

HORZ SPREAD: 2.379

VERT SPREAD: 1.601

GROUP SPREAD: 2.387

MIN RADIUS: 0.134

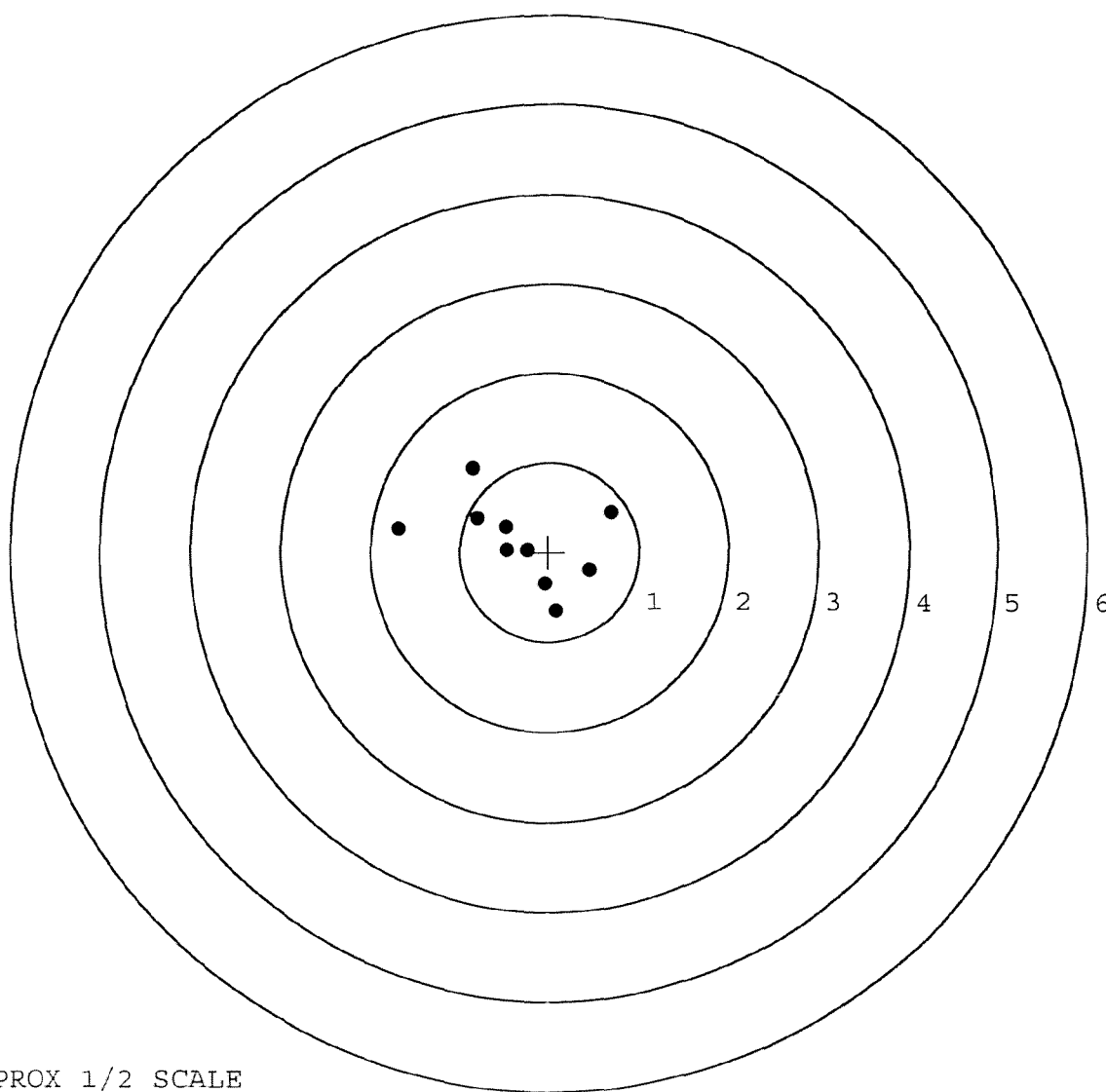
MAX RADIUS: 1.360

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



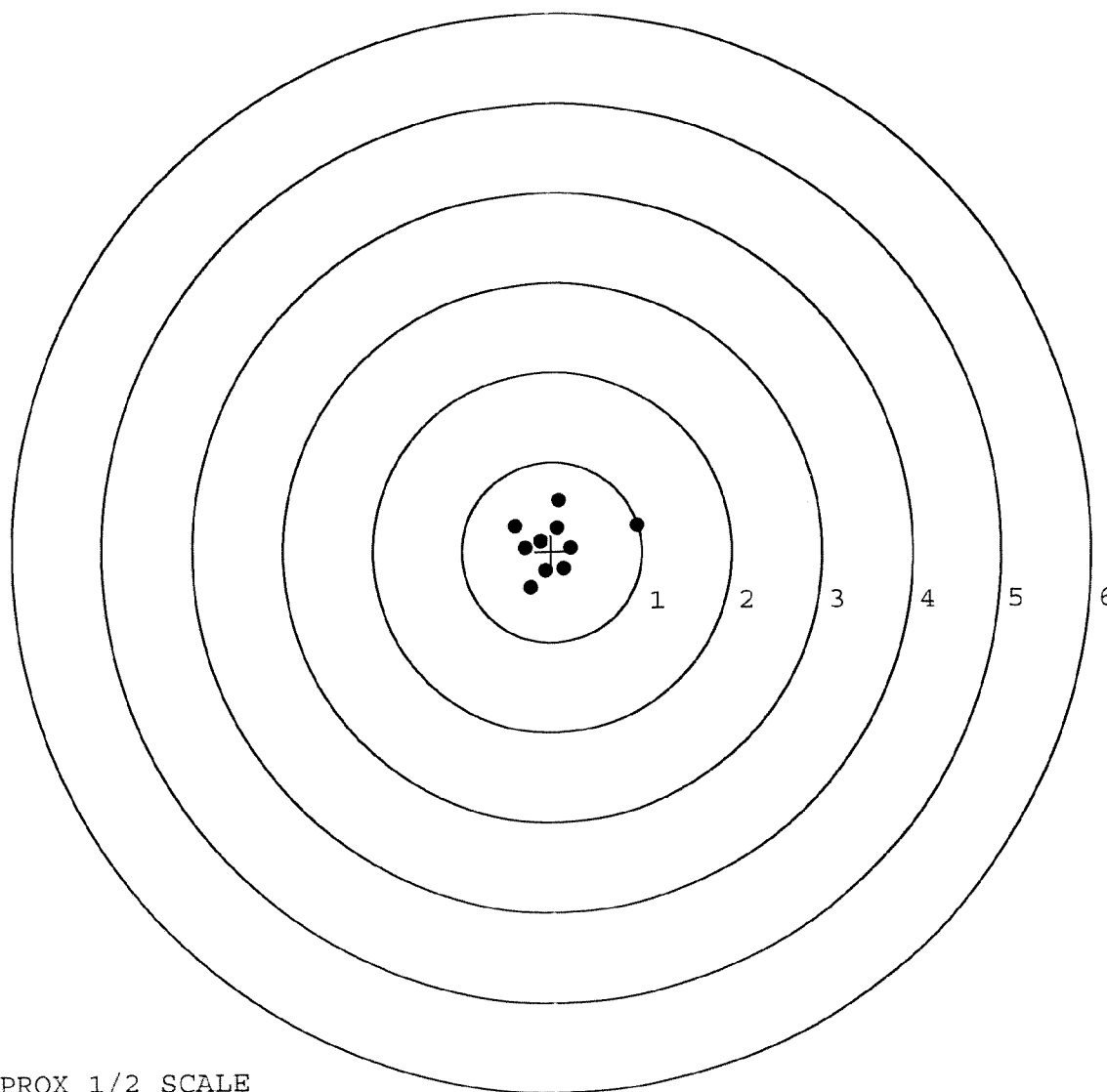
TARGET APPROX 1/2 SCALE

BARBER - M24 0172163

SERIAL NUMBER: G6645599. __0
 TARGET NUMBER: 4
 FILE DATE: 06/21/2007
 FILE TIME: 23:25

POINT#	X	Y
1:	-0.406	0.292
2:	-0.299	0.044
3:	-0.123	0.114
4:	0.070	0.264
5:	0.089	0.572
6:	0.216	0.039
7:	0.140	-0.199
8:	-0.073	-0.214
9:	-0.234	-0.404
10:	0.952	0.291

X CENTROID: 0.033
 Y CENTROID: 0.080
 POA TO CENTROID: 0.087
 HORZ SPREAD: 1.358
 VERT SPREAD: 0.976
 GROUP SPREAD: 1.375
 MIN RADIUS: 0.160
 MAX RADIUS: 0.943
 MEAN RADIUS: 0.396
 # IN 1 IN DIAMETER: 8
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

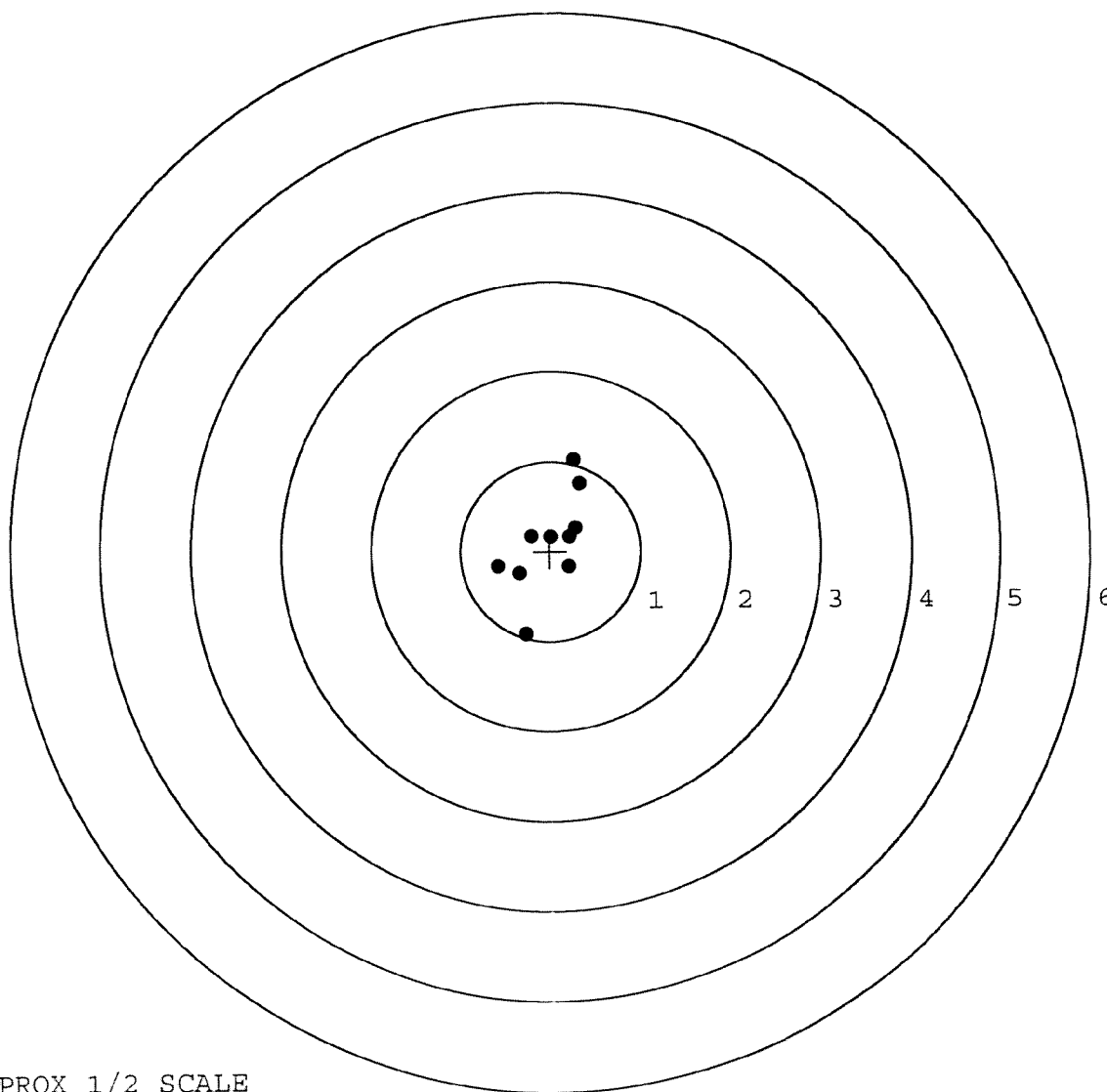


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645599. 0
 TARGET NUMBER: 5
 FILE DATE: 06/21/2007
 FILE TIME: 23:25

POINT#	X	Y
1:	0.270	1.017
2:	0.333	0.756
3:	0.280	0.263
4:	-0.209	0.168
5:	0.208	-0.171
6:	0.217	0.163
7:	-0.343	-0.243
8:	-0.583	-0.166
9:	-0.274	-0.924
10:	0.010	0.166

X CENTROID: -0.009
 Y CENTROID: 0.103
 POA TO CENTROID: 0.103
 HORZ SPREAD: 0.916
 VERT SPREAD: 1.941
 GROUP SPREAD: 2.016
 MIN RADIUS: 0.066
 MAX RADIUS: 1.061
 MEAN RADIUS: 0.506
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE