

G 663 7714

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



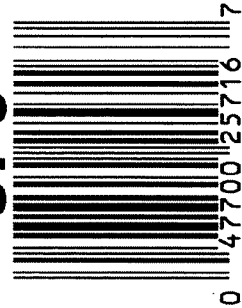
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6637716

UPC



ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66637716

GUN SERIAL # G6637716

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	RTZ
420	ASSEMBLE ACTION		4/13/07	APD
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF	MAGNA - FLUX	4-16-07	FM
460	CHECK HEADSPACE	APR 19 2007	4-16-07	FM
470	DIS-ASSEMBLE ACTION	OPERATOR <u>APD</u>	4-16-07	RTZ
480	MAGNAFLUX BBL ACTION		4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-14-07	CW
510	DRILL AND TAP SIGHT HOLES		4-17-07	SD
520	GOFF BLAST BBL / REC		4/19/07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-25-07	WJ
560	RE-ASSEMBLE ACTION		4-25-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-25-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-25-07	SD
	D) OIL FIRING PIN ASSEMBLY		4/27/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		5/22/07	TRW

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>4.0</u> <u>6.5</u>	5-29-07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.0</u> <u>3.5</u>	5-29-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	non
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>1023.5</u> <u>1023.5</u>	5-29-07	DA
	J) ASSEMBLE STOCK		4/27/07	DA
	K) ASSEMBLE SWIVEL STUDS		6-8-07	SD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	non
	M) IRON SIGHT ALIGNMENT		6/8/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/30/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-30-07	SD
670	FINAL INSPECTION A) HEADSPACE		6/8/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.50</u> <u>2.44</u> <u>2.45</u> <u>2.50</u> <u>2.47</u>	5/22/07	non
	C) FUNCTION		6/8/07	non
690	PACK		6-25-07	DA

F004 REV 5/2006

BARBER - M24 0145242AVERAGE 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 4-27-07TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.37		2.52	
PULL #2	2.61	2.36		2.40	
PULL #3	2.48	2.30		2.43	
PULL #4	2.55	2.24		2.39	
PULL #5	2.52	2.12		2.41	
TOTAL	1274	1139		1215	
AVERAGE	254	227		243	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.11		
PULL #2	3.13	3.08		
PULL #3	3.14	3.08		
PULL #4	3.06	3.07		
PULL #5	3.08	3.05		
TOTAL	1550	1539		
AVERAGE	310	307		

	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	4.46	4.25		4.27
PULL #2	4.35	4.32		4.17
PULL #3	4.30	4.33		4.16
PULL #4	4.33	4.30		4.11
PULL #5	4.39	4.30		4.12
TOTAL	2183	2150		2083
AVERAGE	436	430		416

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637716.___0
FILE DATE AND TIME: 05/01/2007 00:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.111
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.875
The Distance from POA to Centroid Target #1:	0.458
The Distance from Centroid Target #2 to Centroid Target #1:	0.874
The Distance from Centroid Target #3 to Centroid Target #1:	0.254
The Distance from Centroid Target #4 to Centroid Target #1:	0.508
The Distance from Centroid Target #5 to Centroid Target #1:	0.497

BARBER - M24 0145244

SERIAL NUMBER: G6637716. __0

TARGET NUMBER: 1

FILE DATE: 05/01/2007

FILE TIME: 00:12

POINT#	X	Y
1:	-0.332	0.766
2:	0.104	0.798
3:	0.617	0.977
4:	0.790	1.701
5:	2.465	0.202
6:	1.627	-0.457
7:	-0.024	0.109
8:	-0.001	-0.373
9:	-0.374	-1.082
10:	-0.393	-1.665

X CENTROID: 0.448

Y CENTROID: 0.098

POA TO CENTROID: 0.458

HORZ SPREAD: 2.858

VERT SPREAD: 3.366

GROUP SPREAD: 3.414

MIN RADIUS: 0.472

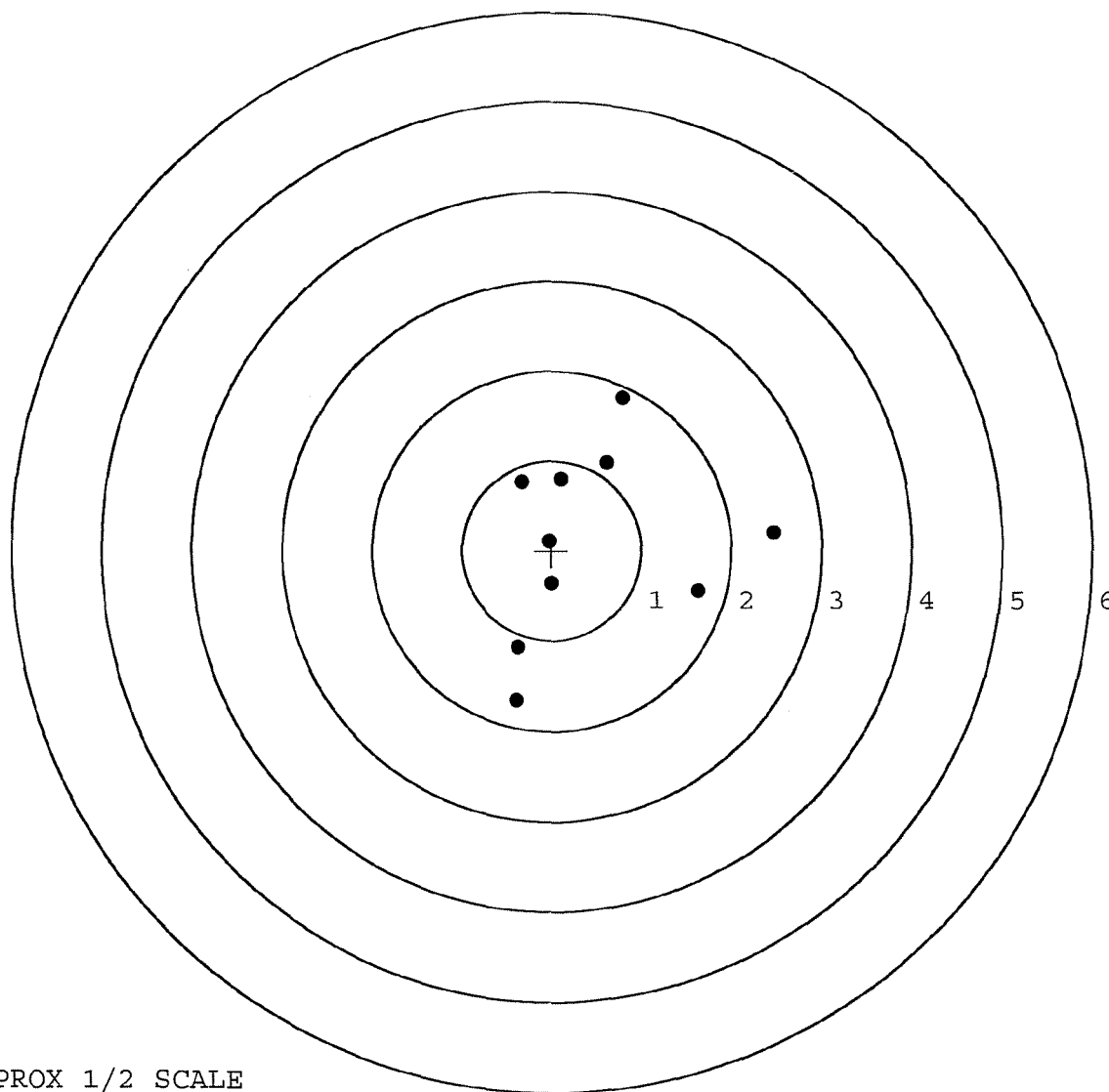
MAX RADIUS: 2.020

MEAN RADIUS: 1.218

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



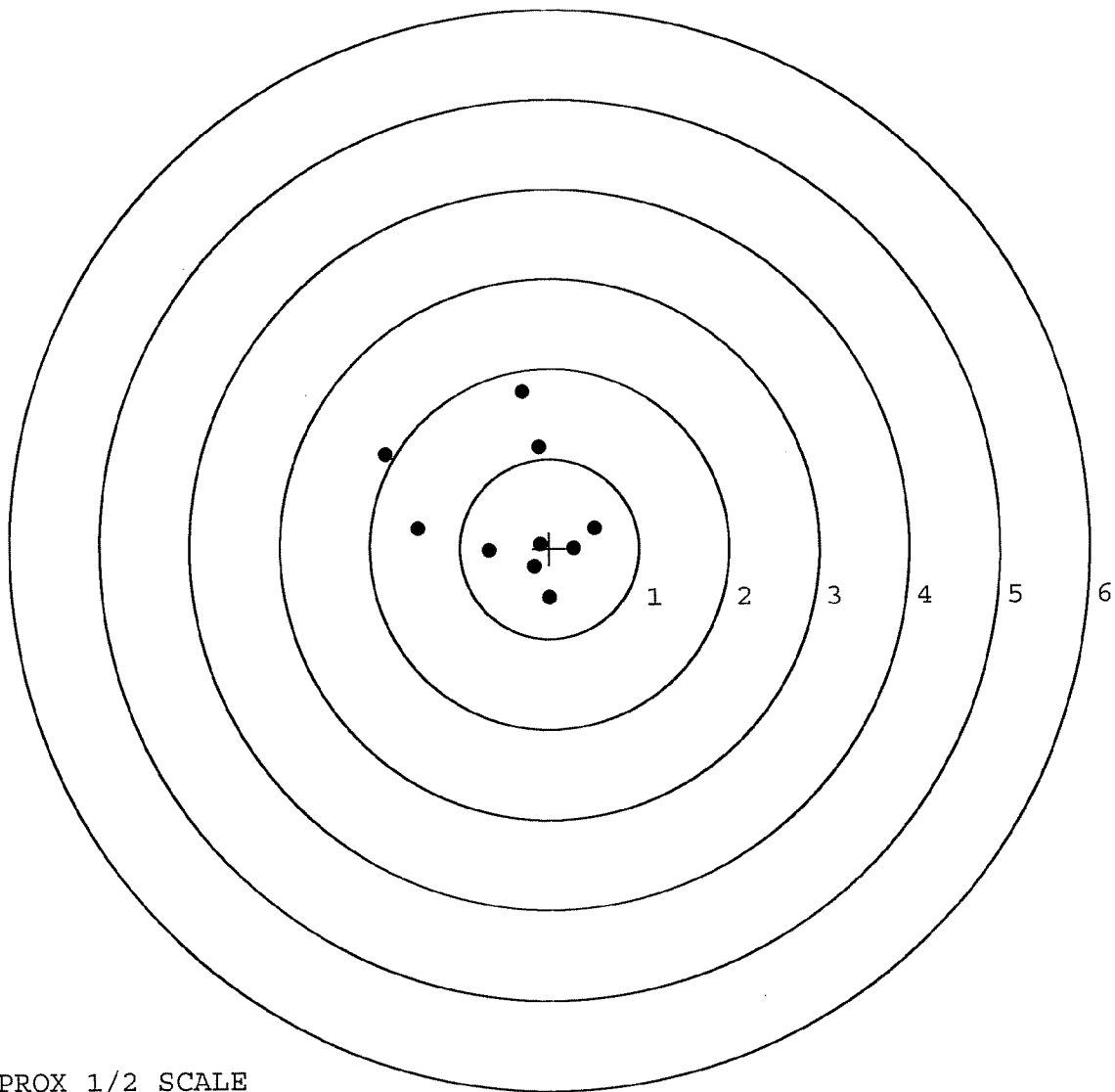
TARGET APPROX 1/2 SCALE

BARBER - M24 0145245

SERIAL NUMBER: G6637716. __0
 TARGET NUMBER: 2
 FILE DATE: 05/01/2007
 FILE TIME: 00:12

POINT#	X	Y
1:	-0.105	0.052
2:	-0.169	-0.200
3:	0.001	-0.552
4:	0.278	-0.006
5:	0.509	0.226
6:	-0.112	1.131
7:	-0.674	-0.021
8:	-1.465	0.227
9:	-0.291	1.745
10:	-1.816	1.054

X CENTROID: -0.384
 Y CENTROID: 0.366
 POA TO CENTROID: 0.530
 HORZ SPREAD: 2.325
 VERT SPREAD: 2.297
 GROUP SPREAD: 2.468
 MIN RADIUS: 0.420
 MAX RADIUS: 1.589
 MEAN RADIUS: 0.904
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637716. __0

TARGET NUMBER: 3

FILE DATE: 05/01/2007

FILE TIME: 00:12

X CENTROID: 0.211

Y CENTROID: 0.008

POA TO CENTROID: 0.211

HORZ SPREAD: 1.606

VERT SPREAD: 1.760

GROUP SPREAD: 2.244

MIN RADIUS: 0.088

MAX RADIUS: 1.245

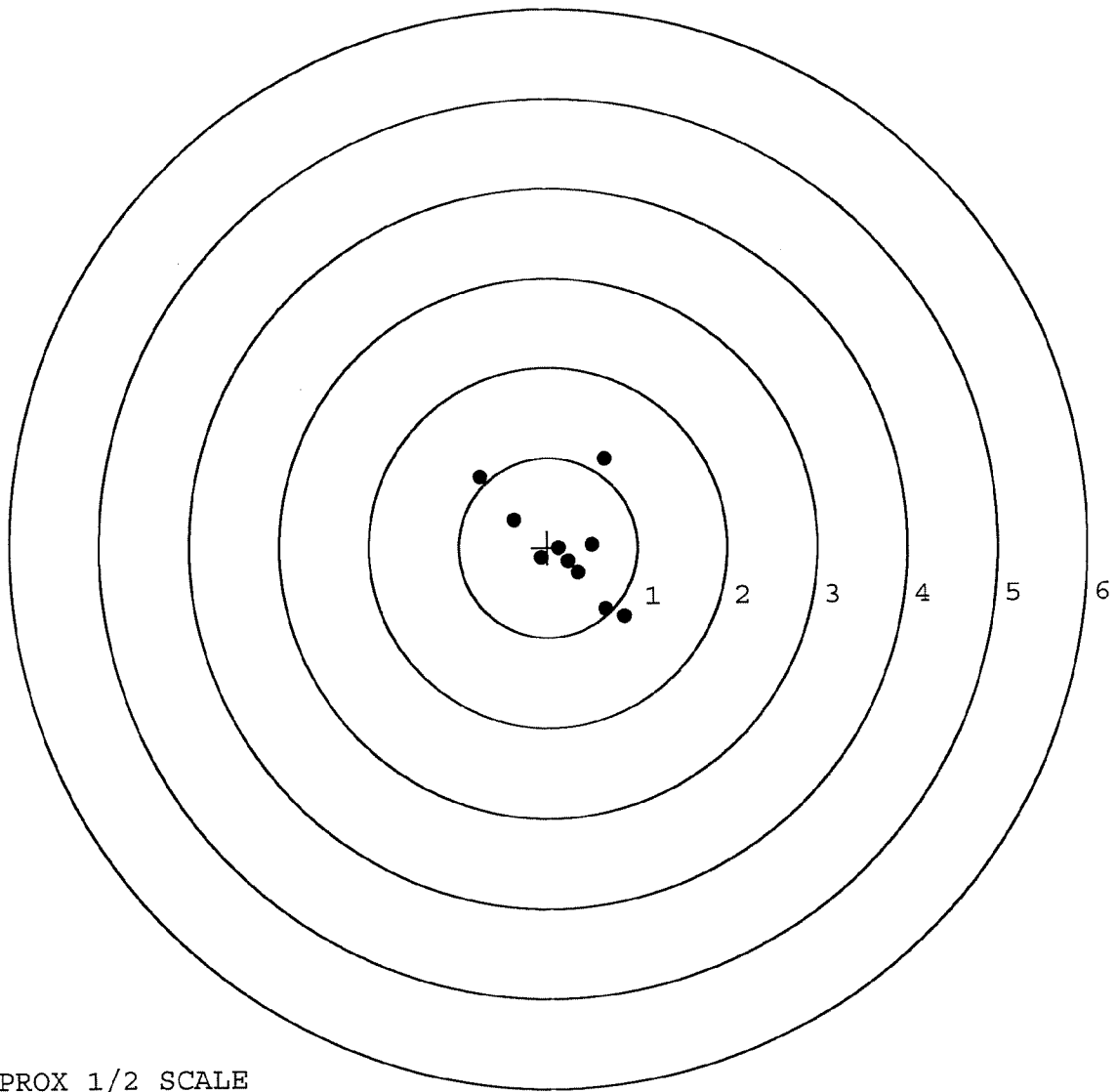
MEAN RADIUS: 0.598

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.377	0.311
2:	-0.757	0.791
3:	0.644	0.984
4:	0.849	-0.776
5:	0.641	-0.697
6:	0.494	0.031
7:	0.335	-0.281
8:	0.124	-0.009
9:	-0.078	-0.119
10:	0.232	-0.156



TARGET APPROX 1/2 SCALE

BARBER - M24 0145247

SERIAL NUMBER: G6637716. __0

TARGET NUMBER: 4

FILE DATE: 05/01/2007

FILE TIME: 00:12

POINT#	X	Y
1:	-0.120	0.841
2:	-0.029	0.181
3:	0.290	0.360
4:	0.593	0.388
5:	-0.292	0.076
6:	-0.185	-0.189
7:	-0.569	-0.175
8:	-0.509	-1.159
9:	0.281	-1.286
10:	0.724	-0.782

X CENTROID: 0.018

Y CENTROID: -0.174

POA TO CENTROID: 0.175

HORZ SPREAD: 1.293

VERT SPREAD: 2.127

GROUP SPREAD: 2.164

MIN RADIUS: 0.204

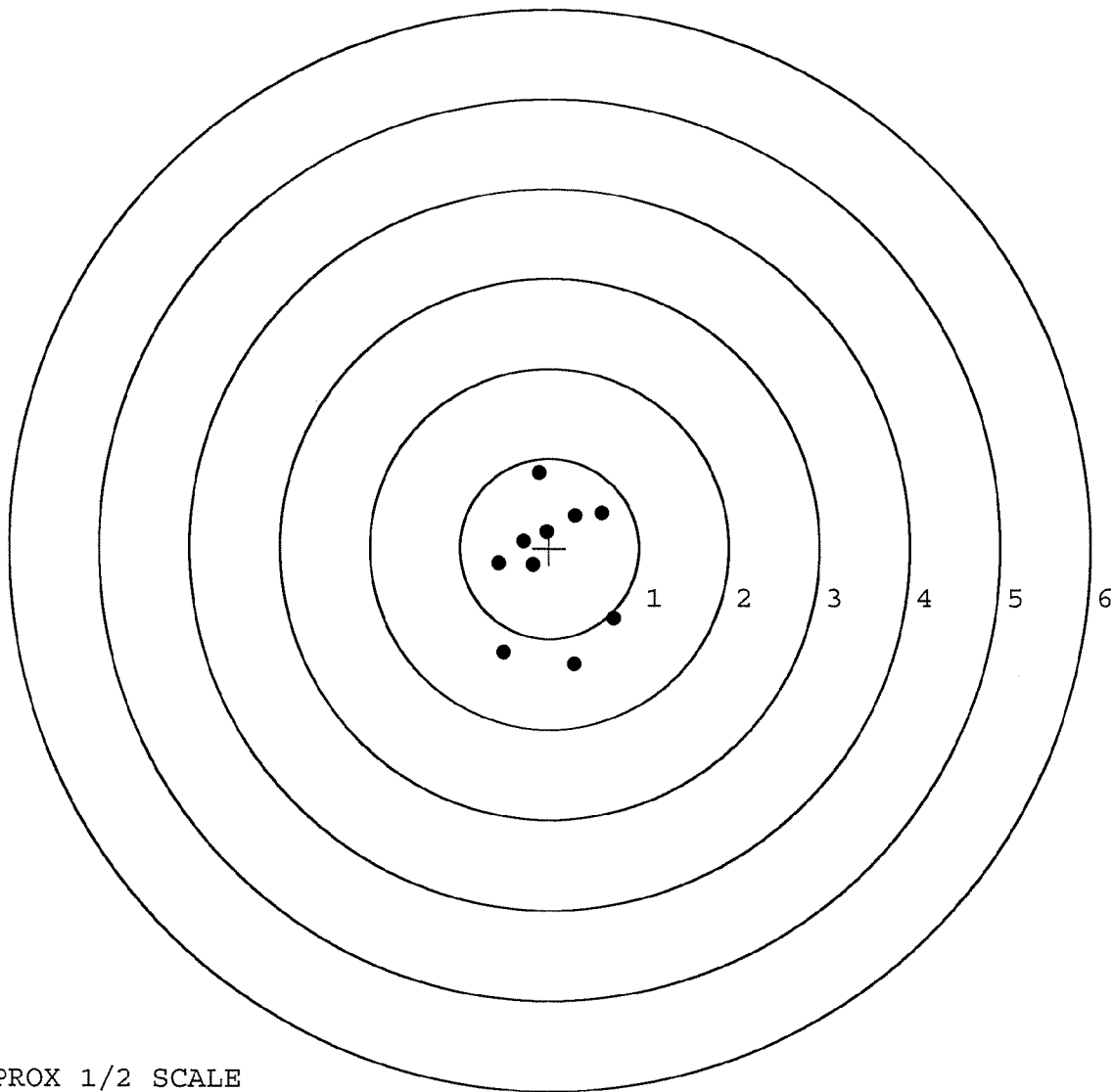
MAX RADIUS: 1.142

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



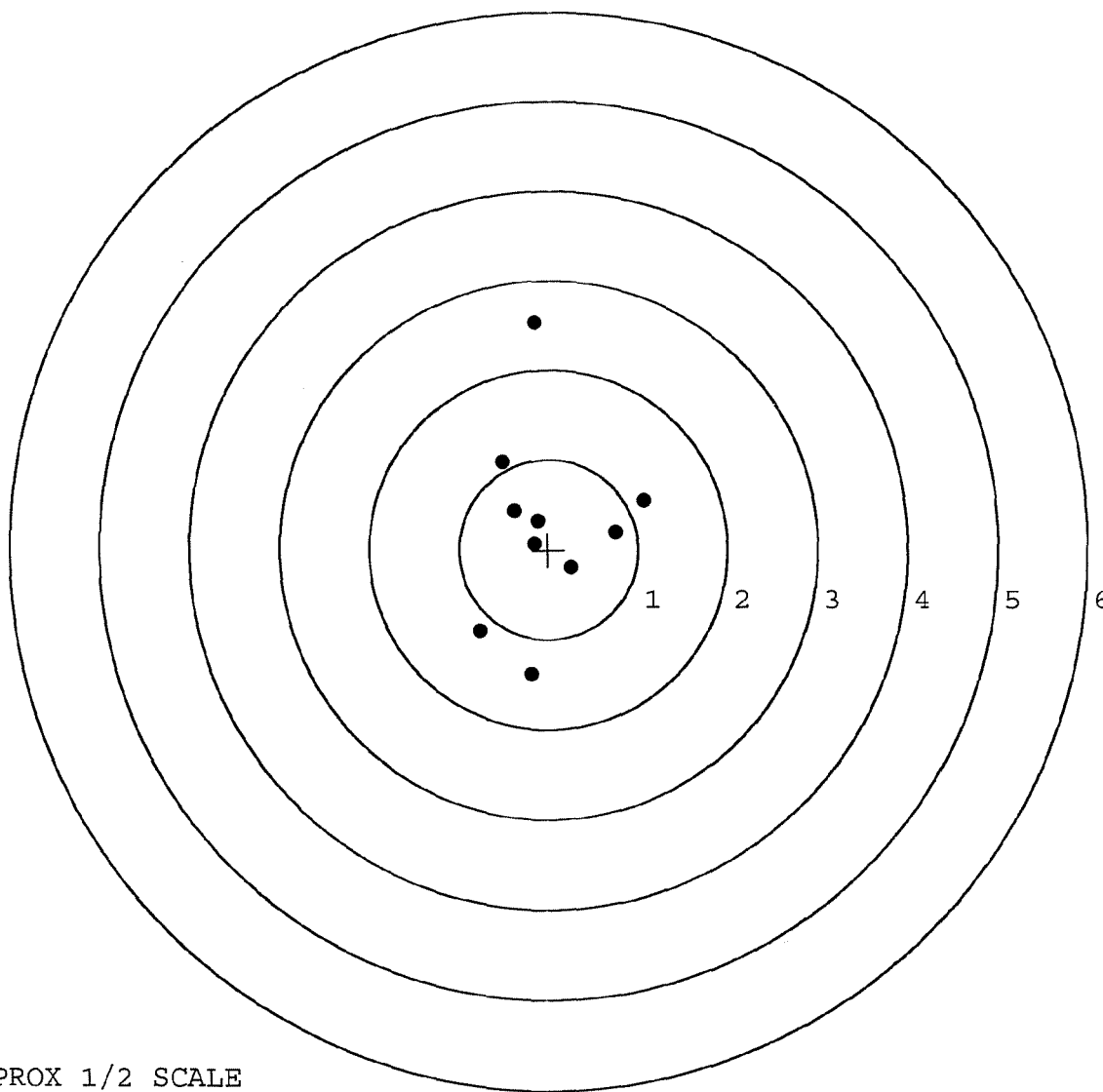
TARGET APPROX 1/2 SCALE

BARBER - M24 0145248

SERIAL NUMBER: G6637716. __0
 TARGET NUMBER: 5
 FILE DATE: 05/01/2007
 FILE TIME: 00:12

POINT#	X	Y
1:	-0.386	0.432
2:	-0.126	0.324
3:	-0.154	0.068
4:	0.255	-0.206
5:	0.749	0.196
6:	1.065	0.553
7:	-0.519	0.972
8:	-0.766	-0.916
9:	-0.190	-1.391
10:	-0.161	2.528

X CENTROID: -0.023
 Y CENTROID: 0.256
 POA TO CENTROID: 0.257
 HORZ SPREAD: 1.831
 VERT SPREAD: 3.919
 GROUP SPREAD: 3.919
 MIN RADIUS: 0.123
 MAX RADIUS: 2.276
 MEAN RADIUS: 0.939
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE