

G6591707

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



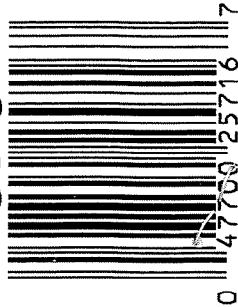
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591707

UPC



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



GUN SERIAL # G6591707

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-8-06	RTZ
420	ASSEMBLE ACTION		9-14-06	RTZ
430	ASSEMBLE TO STOCK		9-15-06	L.P.N.
440	PROOF		9-15-06	L.P.N.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-15-06	L.P.N.
470	DIS-ASSEMBLE ACTION	SEP 21 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	9-21-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-20-06	CW
510	DRILL AND TAP SIGHT HOLES		9-20-06	TRW
520	GOFF BLAST BBL / REC		9-21-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/20	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/27/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/27/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/27/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-28-06	RZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	MTM

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.5</u> <u>7.0</u> <u>7.0</u>	9/30	Fm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.0</u>	9/30	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	nom
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.024</u>	9/30	Fm
	J) ASSEMBLE STOCK		9-28-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/10/06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-28-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-28-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-28-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9/29/06	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/29/06	AD
670	FINAL INSPECTION A) HEADSPACE		10/10/06	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.40</u> <u>2.41</u> <u>2.45</u> <u>2.27</u>	9-30-06	RTA
	C) FUNCTION		10/10/06	nom
690	PACK		10-26-06	RTA

F004 REV 5/2006

BARBER - M24 0169886AVERAGE 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 9-27-06TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	257	251		244	
PULL #2	245	251		248	
PULL #3	248	253		245	
PULL #4	239	253		243	
PULL #5	244	251		250	
TOTAL	1233	1259		1230	
AVERAGE	246	251		246	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	305		
PULL #2	314	309		
PULL #3	309	317		
PULL #4	305	317		
PULL #5	315	313		
TOTAL	1552	1561		
AVERAGE	310	312		

	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	414	409		420
PULL #2	411	413		421
PULL #3	412	417		422
PULL #4	413	411		417
PULL #5	405	399		418
TOTAL	2055	2049		2098
AVERAGE	411	409		419

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591707.___0
FILE DATE AND TIME: 09/29/2006 23:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	0.209
The Average Point of Impact of the Five Target Set:	0.228
The Average Mean Radius of the Five Target Set:	0.971
The Distance from POA to Centroid Target #1:	0.200
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.404
The Distance from Centroid Target #4 to Centroid Target #1:	0.157
The Distance from Centroid Target #5 to Centroid Target #1:	0.512

SERIAL NUMBER: G6591707. __0

TARGET NUMBER: 1

FILE DATE: 09/29/2006

FILE TIME: 23:59

POINT#	X	Y
1:	-0.315	1.617
2:	-0.258	1.308
3:	-0.319	0.865
4:	0.955	0.737
5:	0.910	0.308
6:	1.377	-0.326
7:	0.242	0.013
8:	-0.326	-0.201
9:	-0.701	-1.256
10:	-1.266	-1.091

X CENTROID: 0.030

Y CENTROID: 0.197

POA TO CENTROID: 0.200

HORZ SPREAD: 2.643

VERT SPREAD: 2.873

GROUP SPREAD: 2.877

MIN RADIUS: 0.281

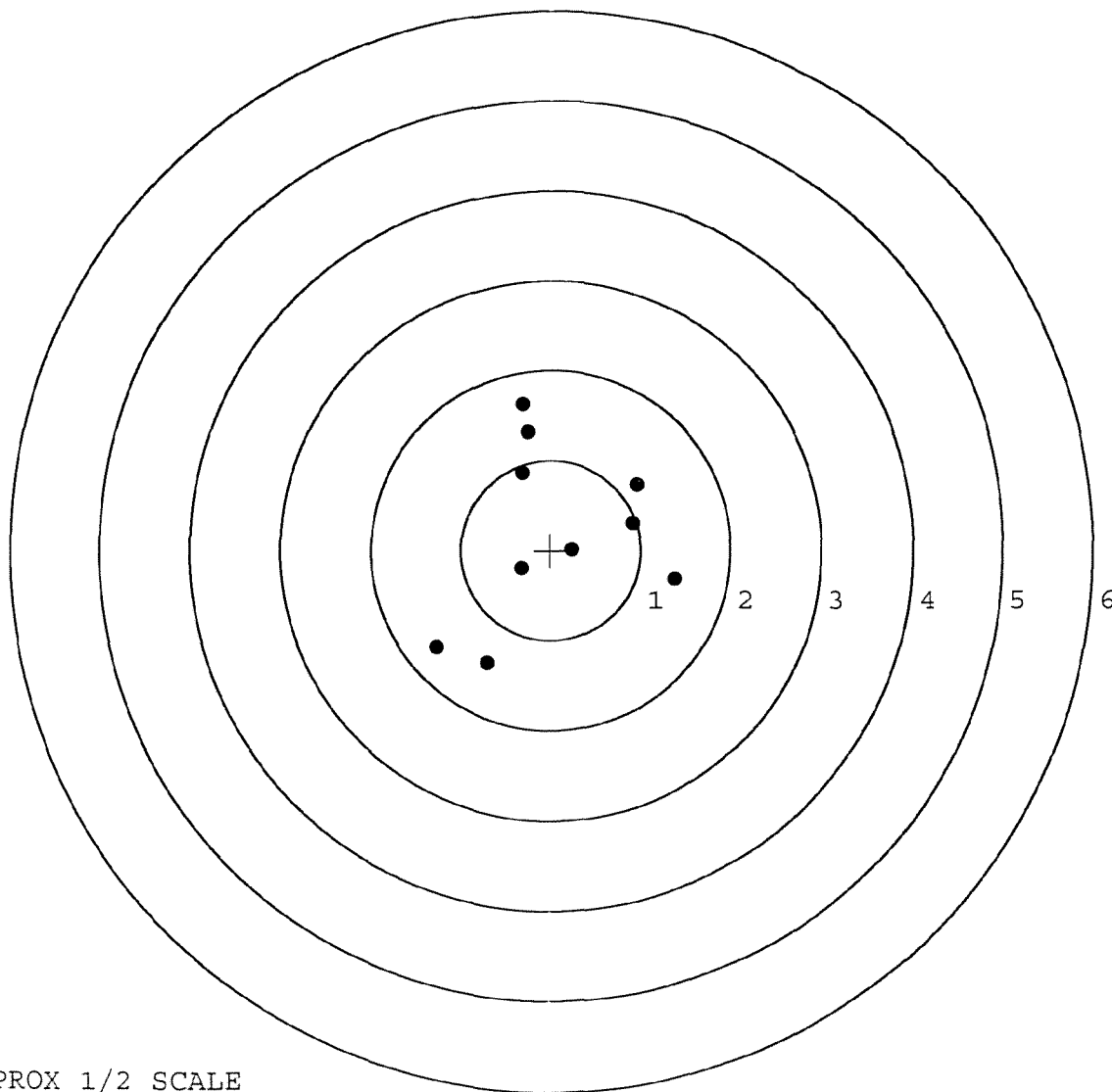
MAX RADIUS: 1.827

MEAN RADIUS: 1.103

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



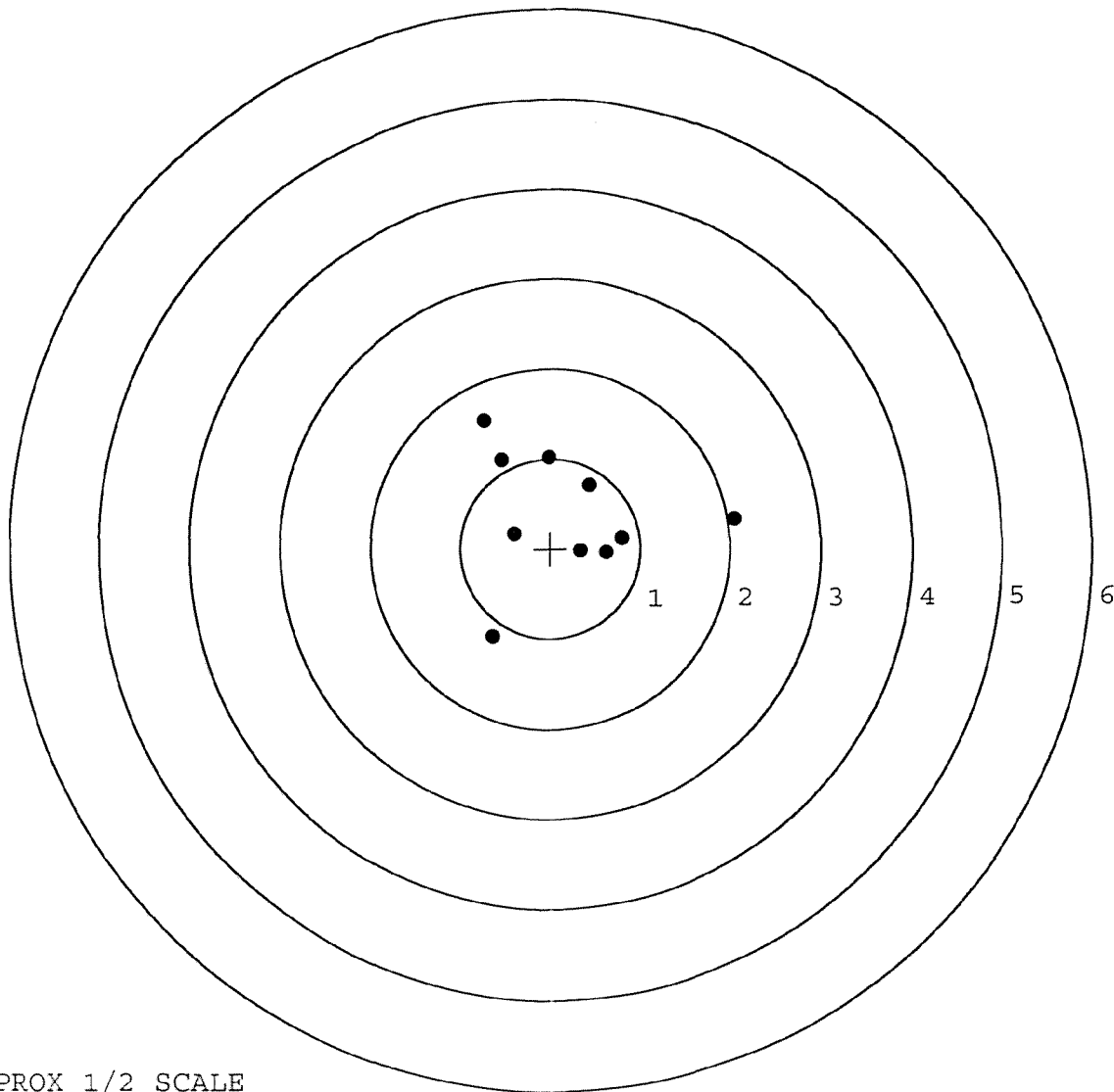
TARGET APPROX 1/2 SCALE

BARBER - M24 0169889

SERIAL NUMBER: G6591707. __0
 TARGET NUMBER: 2
 FILE DATE: 09/29/2006
 FILE TIME: 23:59

POINT#	X	Y
1:	-0.733	1.421
2:	-0.534	0.987
3:	-0.018	1.017
4:	0.444	0.704
5:	2.051	0.324
6:	0.800	0.117
7:	0.622	-0.048
8:	0.339	-0.032
9:	-0.397	0.173
10:	-0.641	-0.986

X CENTROID: 0.193
 Y CENTROID: 0.368
 POA TO CENTROID: 0.415
 HORZ SPREAD: 2.784
 VERT SPREAD: 2.407
 GROUP SPREAD: 2.994
 MIN RADIUS: 0.419
 MAX RADIUS: 1.858
 MEAN RADIUS: 0.921
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169890

SERIAL NUMBER: G6591707. __0

TARGET NUMBER: 3

FILE DATE: 09/29/2006

FILE TIME: 23:59

POINT#	X	Y
1:	-0.941	-0.101
2:	-1.695	0.360
3:	-1.033	1.085
4:	-0.047	0.942
5:	0.119	1.178
6:	-0.237	2.439
7:	1.276	0.331
8:	0.921	-0.603
9:	-0.022	-0.221
10:	-0.721	-0.408

X CENTROID: -0.238

Y CENTROID: 0.500

POA TO CENTROID: 0.554

HORZ SPREAD: 2.971

VERT SPREAD: 3.042

GROUP SPREAD: 3.255

MIN RADIUS: 0.481

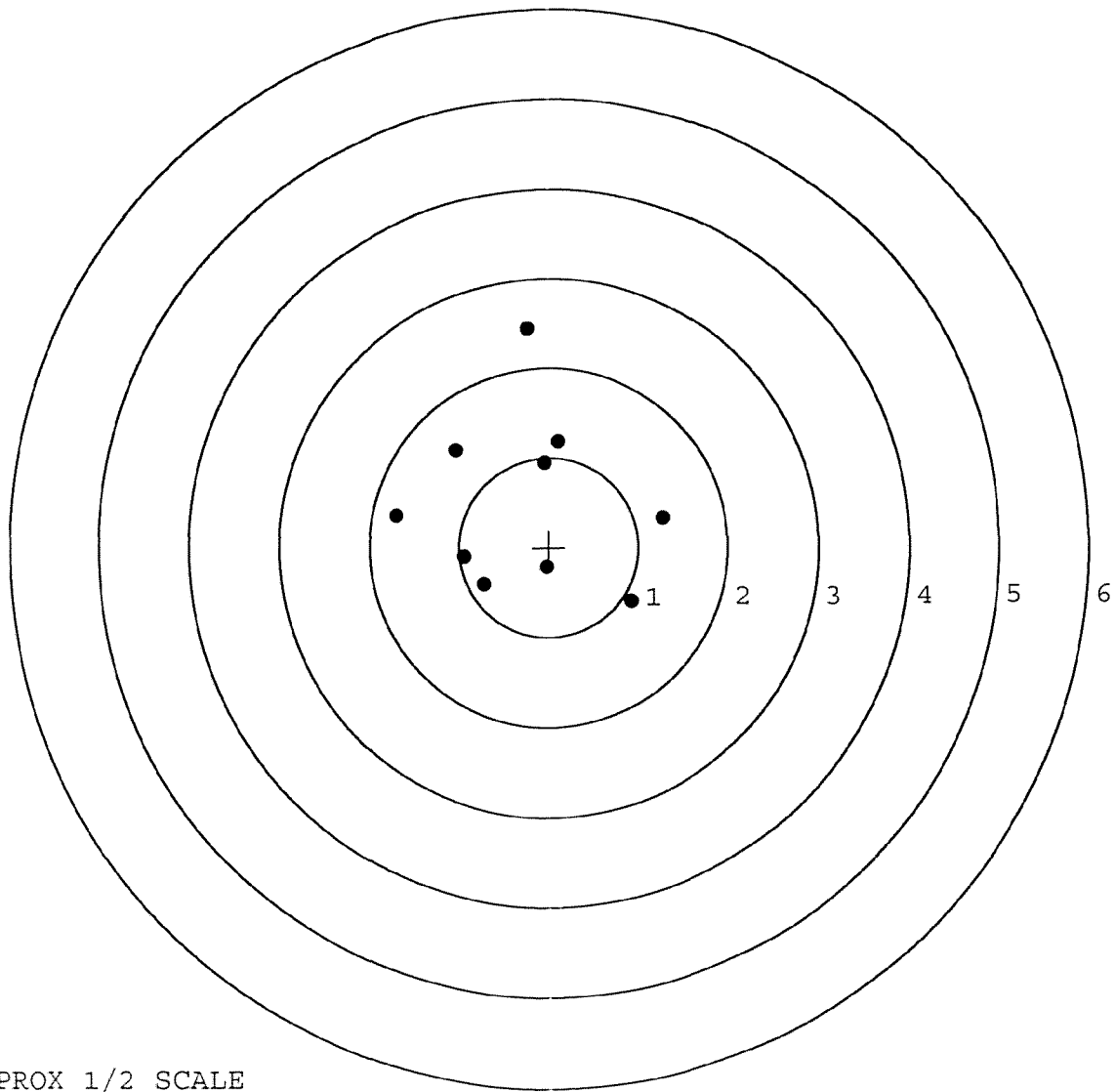
MAX RADIUS: 1.939

MEAN RADIUS: 1.147

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0169891

SERIAL NUMBER: G6591707. __0

TARGET NUMBER: 4

FILE DATE: 09/29/2006

FILE TIME: 23:59

POINT#	X	Y
1:	-0.480	0.877
2:	-0.703	0.515
3:	-1.031	0.279
4:	-0.780	-0.420
5:	-0.489	0.029
6:	0.210	0.409
7:	1.284	0.749
8:	1.412	0.798
9:	-0.331	-1.212
10:	-0.303	-0.481

X CENTROID: -0.121

Y CENTROID: 0.154

POA TO CENTROID: 0.196

HORZ SPREAD: 2.443

VERT SPREAD: 2.089

GROUP SPREAD: 2.660

MIN RADIUS: 0.389

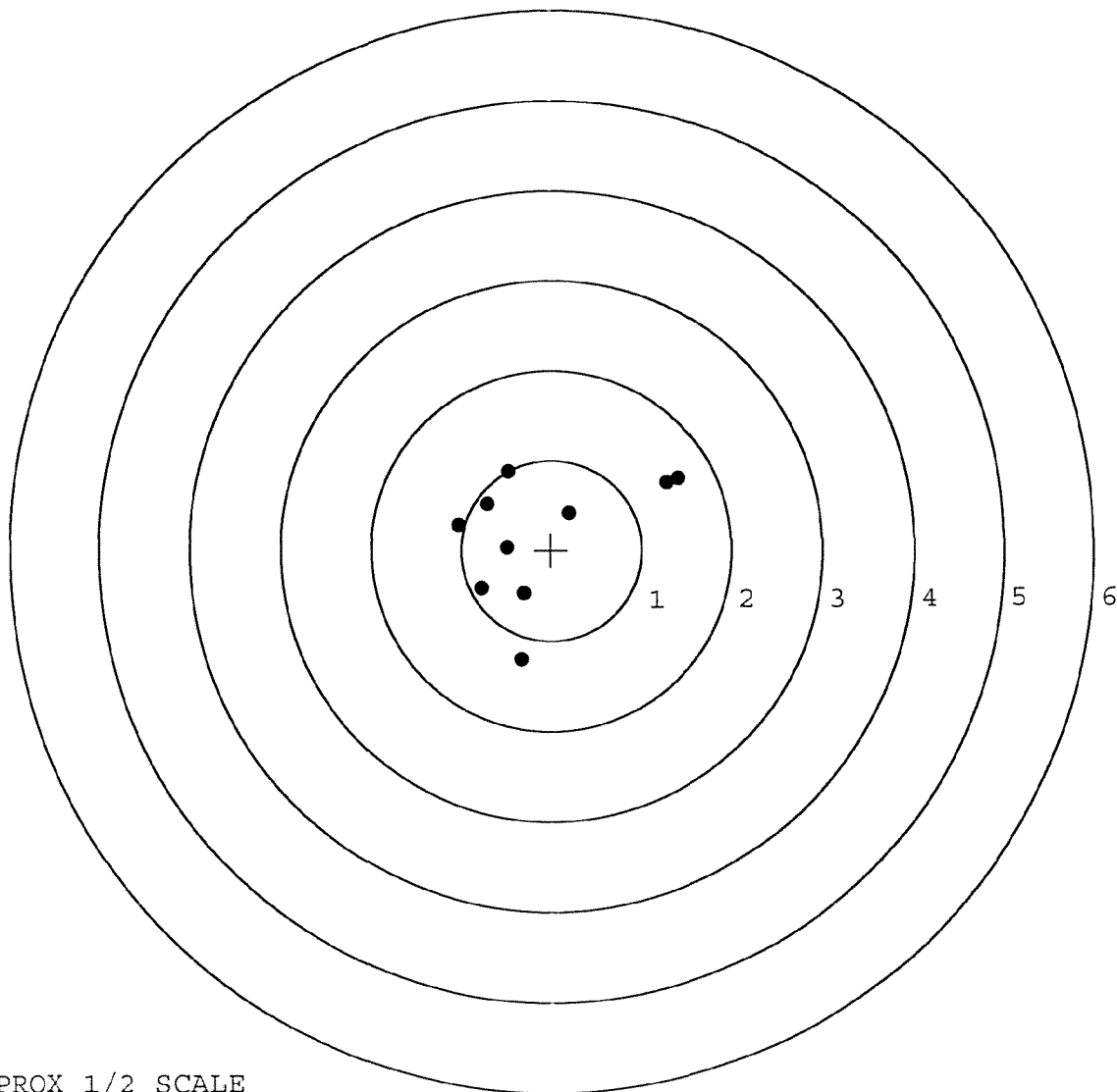
MAX RADIUS: 1.663

MEAN RADIUS: 0.932

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169892

SERIAL NUMBER: G6591707. __0

TARGET NUMBER: 5

FILE DATE: 09/29/2006

FILE TIME: 23:59

POINT#	X	Y
1:	-0.300	0.928
2:	-0.104	0.562
3:	-0.331	0.303
4:	0.375	0.136
5:	-0.089	-0.082
6:	-0.486	-0.275
7:	-0.061	-0.545
8:	-0.249	-1.112
9:	-0.162	-1.260
10:	-1.790	-0.418

X CENTROID: -0.320

Y CENTROID: -0.176

POA TO CENTROID: 0.365

HORZ SPREAD: 2.165

VERT SPREAD: 2.188

GROUP SPREAD: 2.235

MIN RADIUS: 0.193

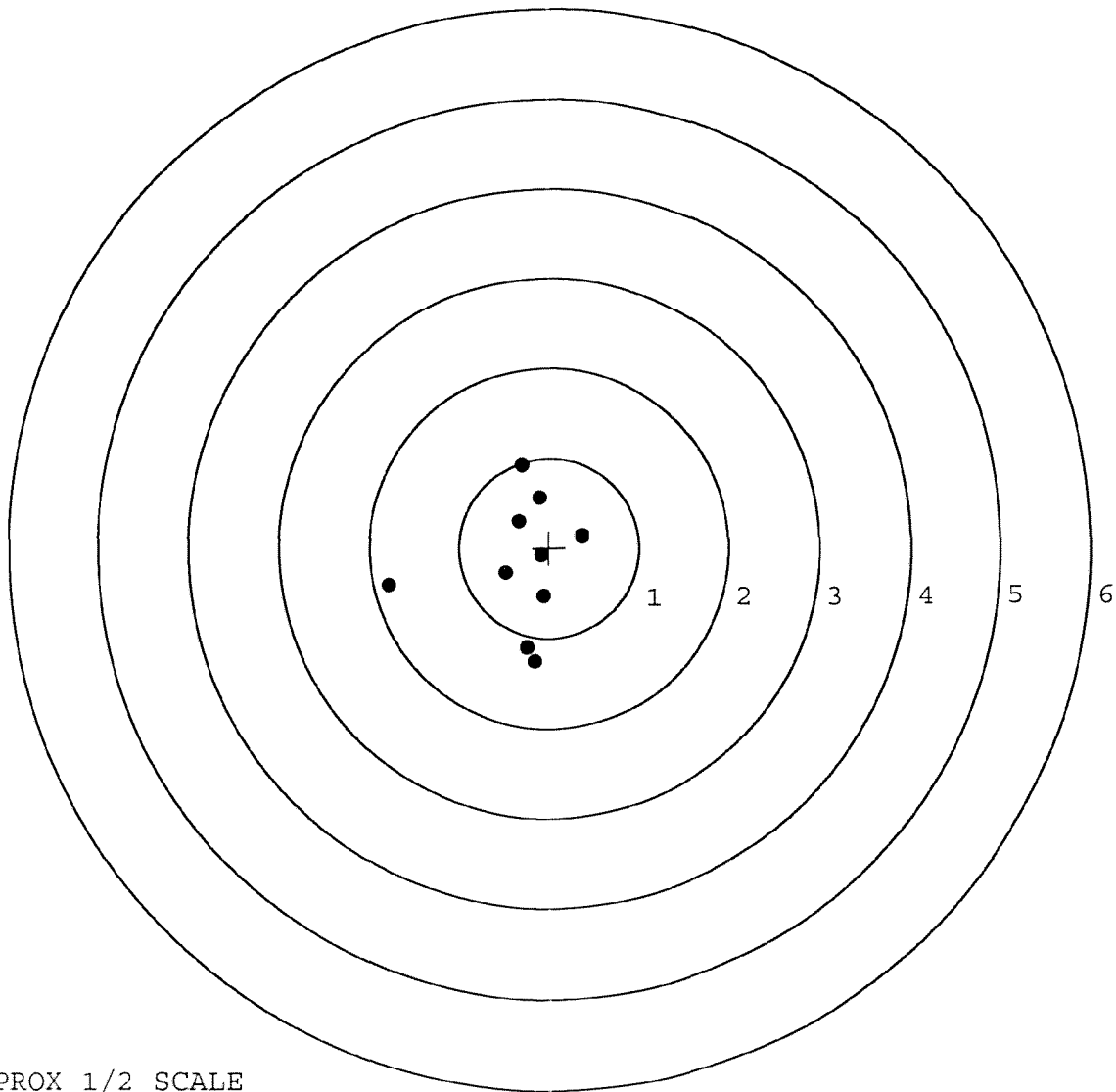
MAX RADIUS: 1.490

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE