

G 6535299

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



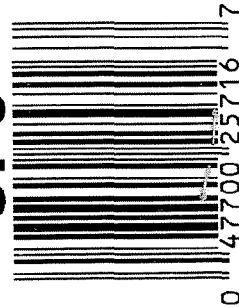
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6535299

UPC



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

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

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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G653 5299

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-23-06	RTZ
420	ASSEMBLE ACTION		8-23-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		8-23-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-23-06	L.P.D.
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-24-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	8/24/06	<u>unus</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-24-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/29/06	LB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-11-06	BLG
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-11-06	BLG
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-11-06	BLG
	D) OIL FIRING PIN ASSEMBLY		9-12-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	nom

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>7.5</u> <u>7.0</u>	9-13-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	9-13-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/11/06	nmh
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.025</u>	9-13-06	DA
	J) ASSEMBLE STOCK		9-12-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/11/06	nmh
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-12-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-12-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-12-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	9-12-06	L.P.N.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-12-06	nmh
670	FINAL INSPECTION A) HEADSPACE		10/11/06	nmh
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.37</u> <u>2.31</u> <u>2.32</u> <u>2.30</u> <u>2.23</u>	9-13-06	DA
	C) FUNCTION		10/11/06	nmh
690	PACK		11/1/06	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 9-11-06

 TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.36	2.48		2.54	
PULL #2	2.28	2.58		2.63	
PULL #3	2.46	2.22		2.56	
PULL #4	2.53	2.27		2.51	
PULL #5	2.62	2.33		2.52	
TOTAL	12.25	11.88		12.50 12.76	
AVERAGE	2.45	2.37		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.02		
PULL #2	3.24	3.07		
PULL #3	3.17	3.13		
PULL #4	3.02	3.04		
PULL #5	3.01	3.08		
TOTAL	15.64	15.34		
AVERAGE	3.12	3.06		

	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	4.17	3.79		4.06
PULL #2	4.14	3.68		4.19
PULL #3	4.13	3.83		4.18
PULL #4	4.17	3.90		4.16
PULL #5	4.13	3.90		4.19
TOTAL	20.74	19.10		20.78
AVERAGE	4.14	3.82		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535299.___0

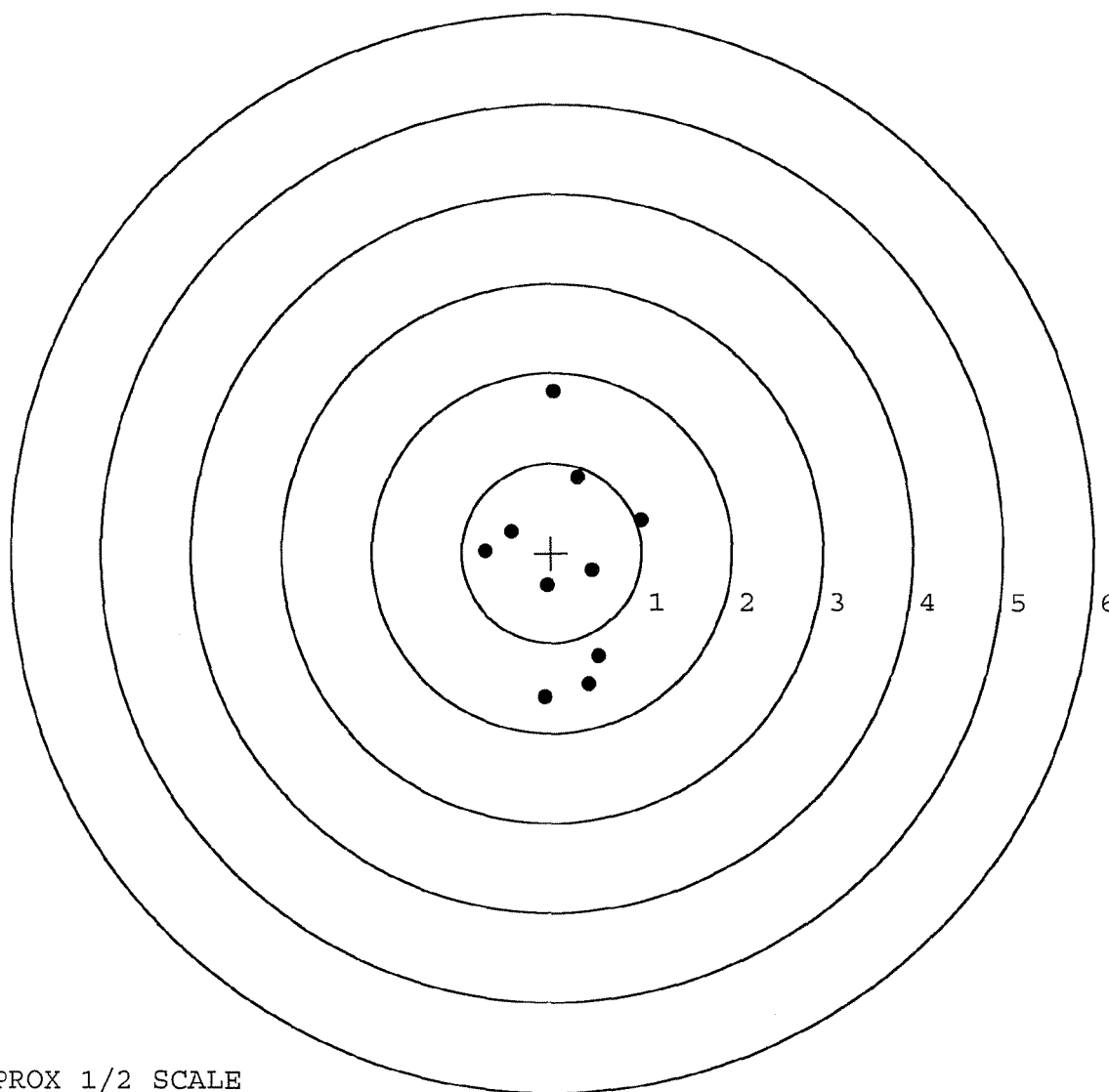
FILE DATE AND TIME: 09/13/2006 05:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.093
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.822
The Distance from POA to Centroid Target #1:	0.209
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.163

BARBER - M24 0090739

SERIAL NUMBER: G6535299. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.063	-1.610
FILE DATE: 09/13/2006	2:	0.429	-1.464
FILE TIME: 05:27	3:	0.533	-1.156
	4:	-0.041	-0.370
X CENTROID: 0.143	5:	0.460	-0.197
Y CENTROID: -0.152	6:	0.990	0.367
POA TO CENTROID: 0.209	7:	0.292	0.845
HORZ SPREAD: 1.724	8:	0.020	1.800
VERT SPREAD: 3.410	9:	-0.451	0.240
GROUP SPREAD: 3.411	10:	-0.734	0.024
MIN RADIUS: 0.286			
MAX RADIUS: 1.956			
MEAN RADIUS: 1.006			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 9			



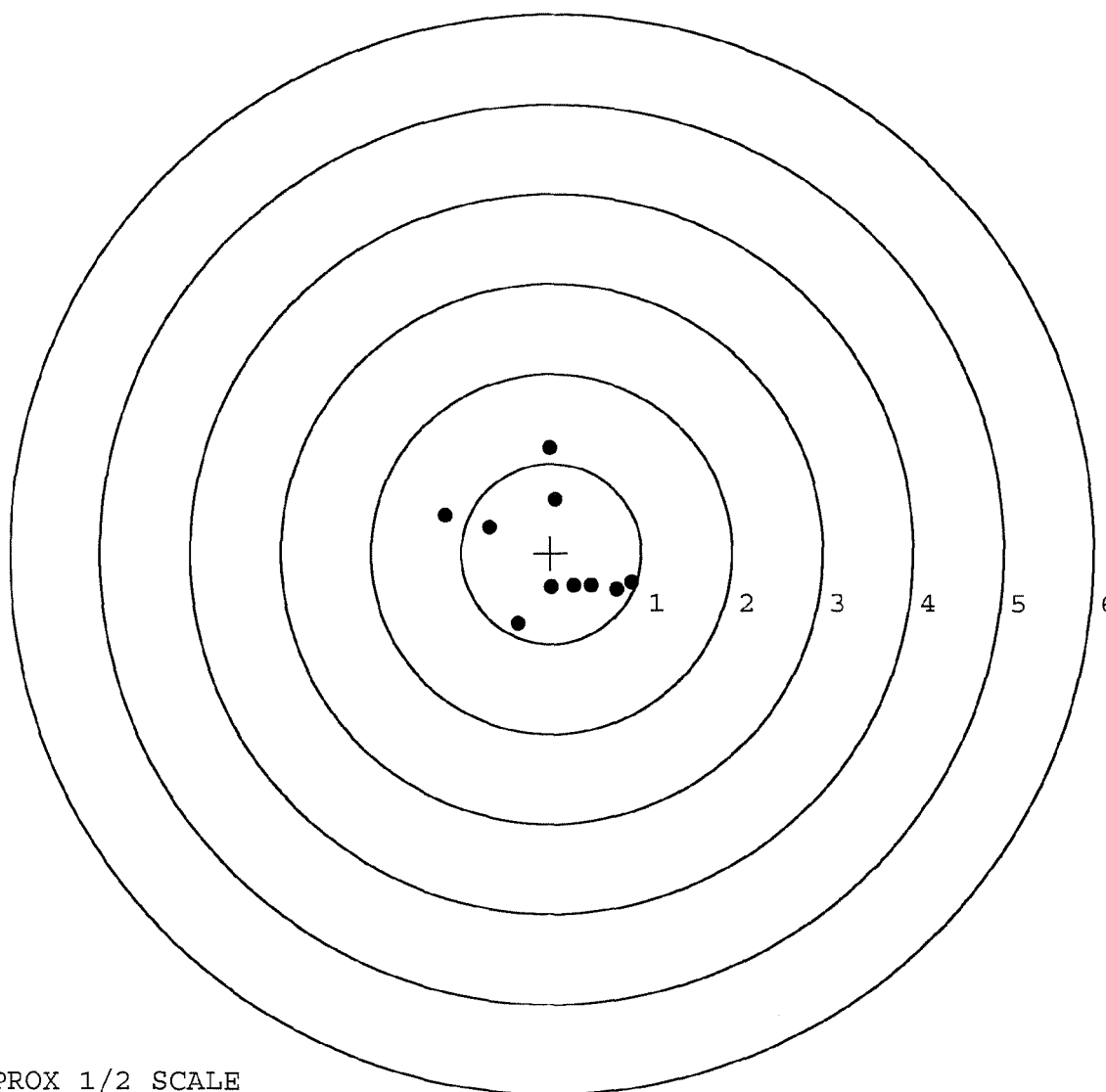
TARGET APPROX 1/2 SCALE

BARBER - M24 0090740

SERIAL NUMBER: G6535299. __ 0
 TARGET NUMBER: 2
 FILE DATE: 09/13/2006
 FILE TIME: 05:27

POINT#	X	Y
1:	-0.021	1.168
2:	0.050	0.606
3:	-1.179	0.415
4:	-0.693	0.289
5:	-0.363	-0.781
6:	0.895	-0.321
7:	0.732	-0.405
8:	0.451	-0.360
9:	0.255	-0.362
10:	0.012	-0.381

X CENTROID: 0.014
 Y CENTROID: -0.013
 POA TO CENTROID: 0.019
 HORZ SPREAD: 2.074
 VERT SPREAD: 1.949
 GROUP SPREAD: 2.201
 MIN RADIUS: 0.368
 MAX RADIUS: 1.267
 MEAN RADIUS: 0.779
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090741

SERIAL NUMBER: G6535299. __0

TARGET NUMBER: 3

FILE DATE: 09/13/2006

FILE TIME: 05:27

POINT#	X	Y
1:	0.981	-1.427
2:	0.288	-0.574
3:	1.065	-0.571
4:	0.776	-0.386
5:	0.628	-0.029
6:	0.175	0.459
7:	0.409	0.812
8:	0.407	0.611
9:	-1.762	0.244
10:	-1.687	1.152

X CENTROID: 0.128

Y CENTROID: 0.029

POA TO CENTROID: 0.131

HORZ SPREAD: 2.827

VERT SPREAD: 2.579

GROUP SPREAD: 3.711

MIN RADIUS: 0.432

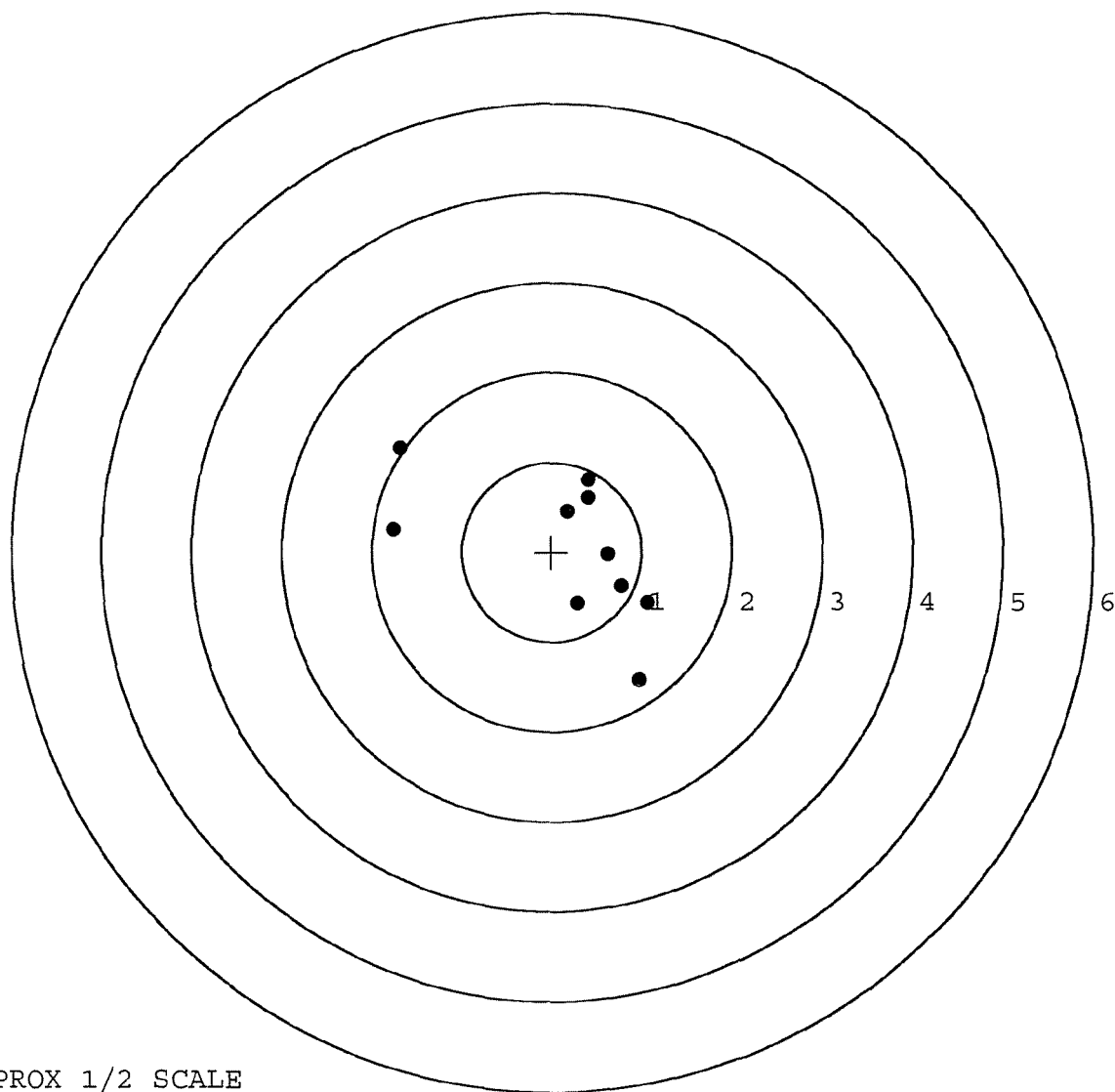
MAX RADIUS: 2.134

MEAN RADIUS: 1.064

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

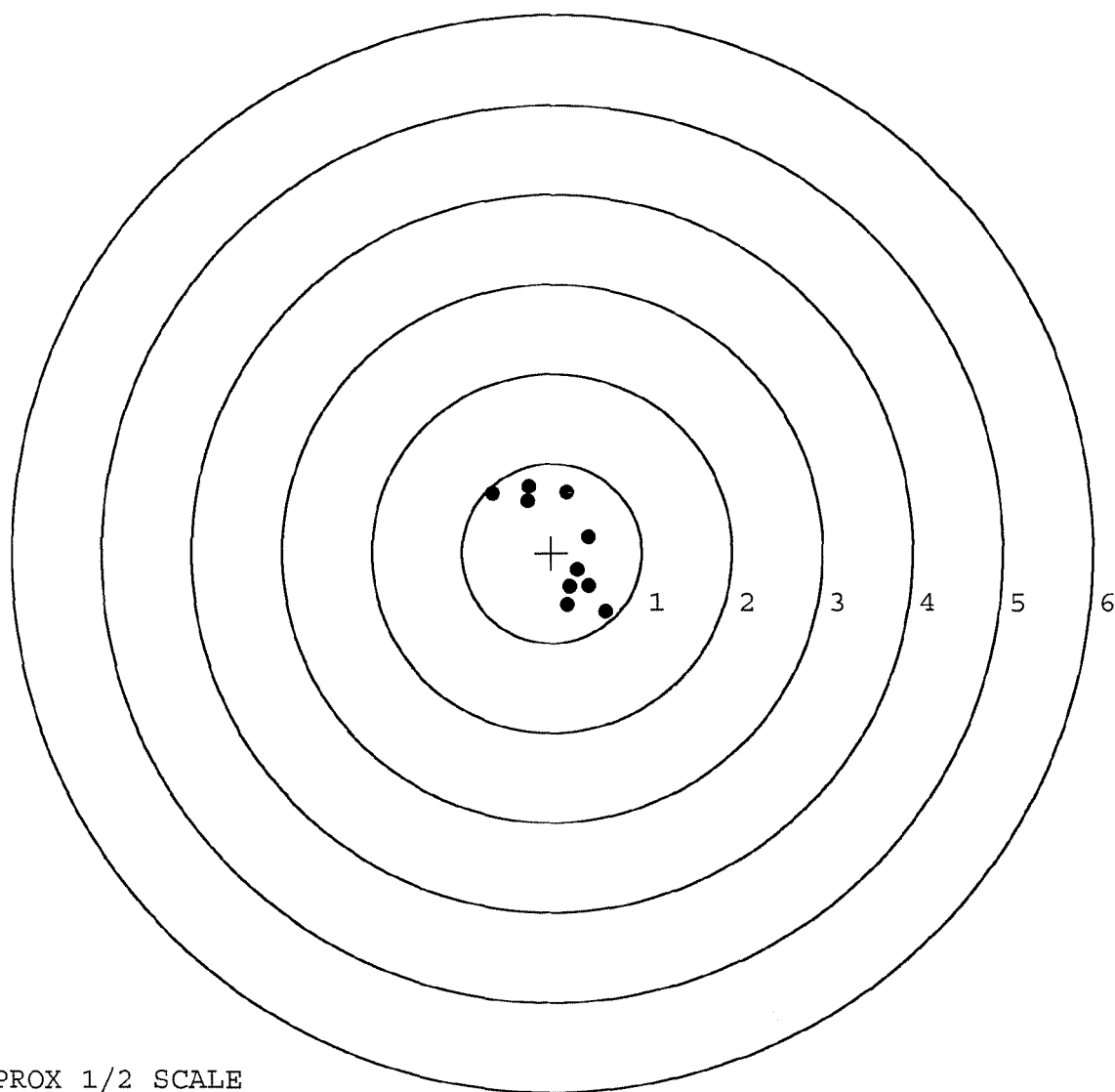


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535299. __0
 TARGET NUMBER: 4
 FILE DATE: 09/13/2006
 FILE TIME: 05:27

POINT#	X	Y
1:	-0.666	0.662
2:	-0.257	0.737
3:	-0.272	0.574
4:	0.172	0.674
5:	0.409	0.178
6:	0.611	-0.660
7:	0.177	-0.584
8:	0.290	-0.197
9:	0.418	-0.376
10:	0.206	-0.384

X CENTROID: 0.109
 Y CENTROID: 0.062
 POA TO CENTROID: 0.125
 HORZ SPREAD: 1.277
 VERT SPREAD: 1.397
 GROUP SPREAD: 1.838
 MIN RADIUS: 0.316
 MAX RADIUS: 0.980
 MEAN RADIUS: 0.616
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

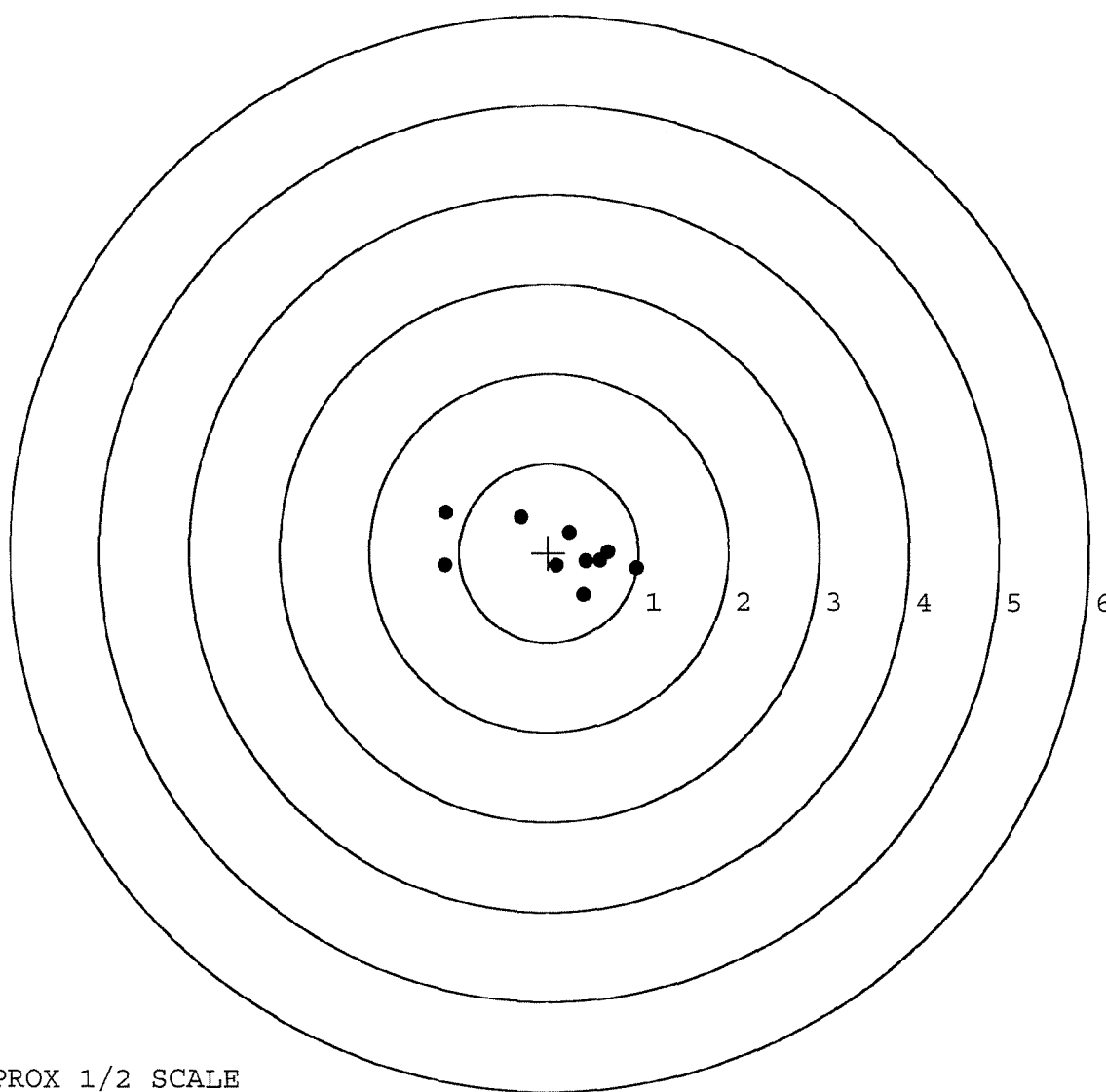
BARBER - M24 0090743

SERIAL NUMBER: G6535299. __0
TARGET NUMBER: 5
FILE DATE: 09/13/2006
FILE TIME: 05:27

POINT#	X	Y
1:	-1.147	0.446
2:	-1.158	-0.144
3:	-0.312	0.398
4:	0.977	-0.176
5:	0.393	-0.479
6:	0.662	0.013
7:	0.231	0.223
8:	0.092	-0.143
9:	0.576	-0.092
10:	0.419	-0.099

X CENTROID: 0.073
Y CENTROID: -0.005
POA TO CENTROID: 0.073
HORZ SPREAD: 2.135
VERT SPREAD: 0.925
GROUP SPREAD: 2.213
MIN RADIUS: 0.139
MAX RADIUS: 1.301
MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE