

G 6590068

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



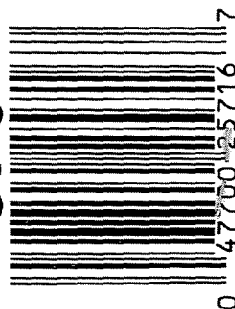
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590068

UPC



ORDER 25716

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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590068

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-20-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-25-06	DK
440	PROOF	MAGNA-FLUX INSPECTED	9-25-06	TRW
460	CHECK HEADSPACE	SEP 26 2006	9-25-06	TRW
470	DIS-ASSEMBLE ACTION		9-25-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	9/26/06	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	W
510	DRILL AND TAP SIGHT HOLES		9-26-06	TRW
520	GOFF BLAST BBL / REC		9-28-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/29/06	TR
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-2-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-2-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-2-06	DA
	D) OIL FIRING PIN ASSEMBLY		10-4-06	BCC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	10/9/06	unus

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>65</u> <u>6.0</u> <u>6.2</u>	10-5-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.2</u> <u>3.2</u> <u>3.6</u>	10-5-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/9/06	nmh
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.026</u> <u>.027</u>	10-5-06	SD
	J) ASSEMBLE STOCK		10-4-06	BLG
	K) ASSEMBLE SWIVEL STUDS		10/9/06	nmh
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-4-06	BLG
	M) IRON SIGHT ALIGNMENT		10-4-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-4-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-4-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/4/06	nmh
670	FINAL INSPECTION A) HEADSPACE		10/9/06	nmh
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.57</u> <u>2.38</u> <u>2.42</u> <u>2.43</u> <u>2.48</u>	10-5-06	DA
	C) FUNCTION		10/9/06	nmh
690	PACK		11/7/06	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 9-6-06
TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.58	2.53	2.50	
PULL #2	2.45	2.46	2.56	
PULL #3	2.42	2.54	2.53	
PULL #4	2.41	2.56	2.49	
PULL #5	2.42	2.47	2.46	
TOTAL	12.28	12.56	12.54	
AVERAGE	2.45	2.51	2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.05	2.92	
PULL #2	3.08	3.06	
PULL #3	3.06	3.07	
PULL #4	3.22	3.06	
PULL #5	3.20	3.06	
TOTAL	15.61	15.17	
AVERAGE	3.12	3.03	

	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	4.16	3.88		4.02
PULL #2	4.14	3.95		4.08
PULL #3	4.13	3.99		3.97
PULL #4	4.11	4.08		4.20
PULL #5	4.05	3.95		4.02
TOTAL	20.59	19.85		20.29
AVERAGE	4.11	3.97		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590068.___0
FILE DATE AND TIME: 10/05/2006 06:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.138
The Distance from Centroid Target #4 to Centroid Target #1:	0.124
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

BARBER - M24 0164102

SERIAL NUMBER: G6590068. __0

TARGET NUMBER: 1

FILE DATE: 10/05/2006

FILE TIME: 06:28

POINT#	X	Y
1:	0.884	0.756
2:	0.520	0.868
3:	-0.464	0.426
4:	-0.806	0.200
5:	-1.663	-0.493
6:	-0.807	-0.895
7:	-0.361	-0.526
8:	0.369	-0.164
9:	1.186	-0.134
10:	-0.766	0.185

X CENTROID: -0.191

Y CENTROID: 0.022

POA TO CENTROID: 0.192

HORZ SPREAD: 2.849

VERT SPREAD: 1.763

GROUP SPREAD: 2.872

MIN RADIUS: 0.487

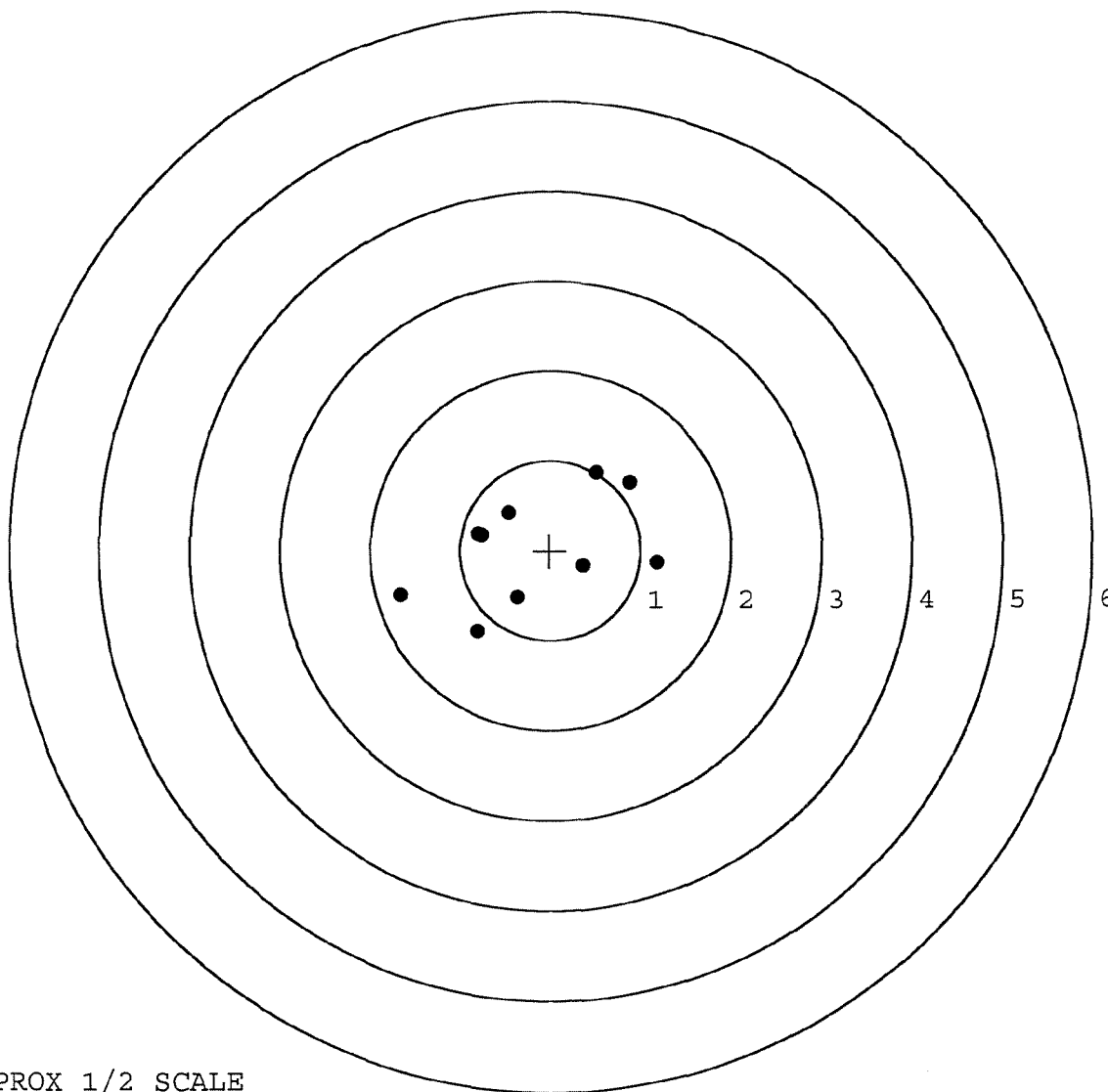
MAX RADIUS: 1.560

MEAN RADIUS: 0.935

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590068. __ 0

TARGET NUMBER: 2

FILE DATE: 10/05/2006

FILE TIME: 06:28

POINT#	X	Y
1:	0.458	-0.398
2:	0.591	-0.062
3:	0.493	0.381
4:	-0.448	0.934
5:	-0.351	0.418
6:	-0.120	0.294
7:	-0.086	-0.131
8:	-0.723	-0.172
9:	-0.415	-0.421
10:	-0.496	-0.677

X CENTROID: -0.110

Y CENTROID: 0.017

POA TO CENTROID: 0.111

HORZ SPREAD: 1.314

VERT SPREAD: 1.611

GROUP SPREAD: 1.612

MIN RADIUS: 0.149

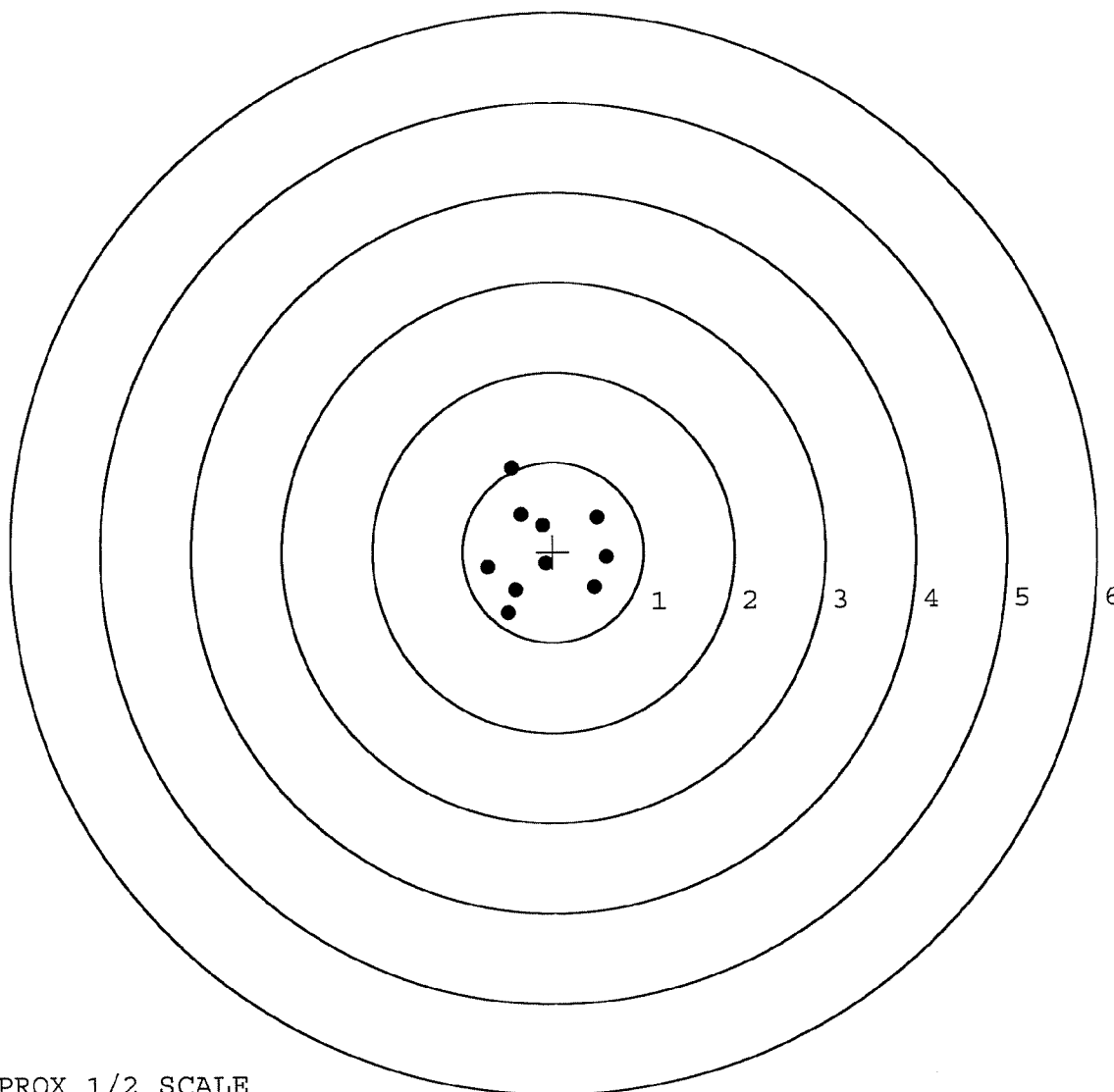
MAX RADIUS: 0.978

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



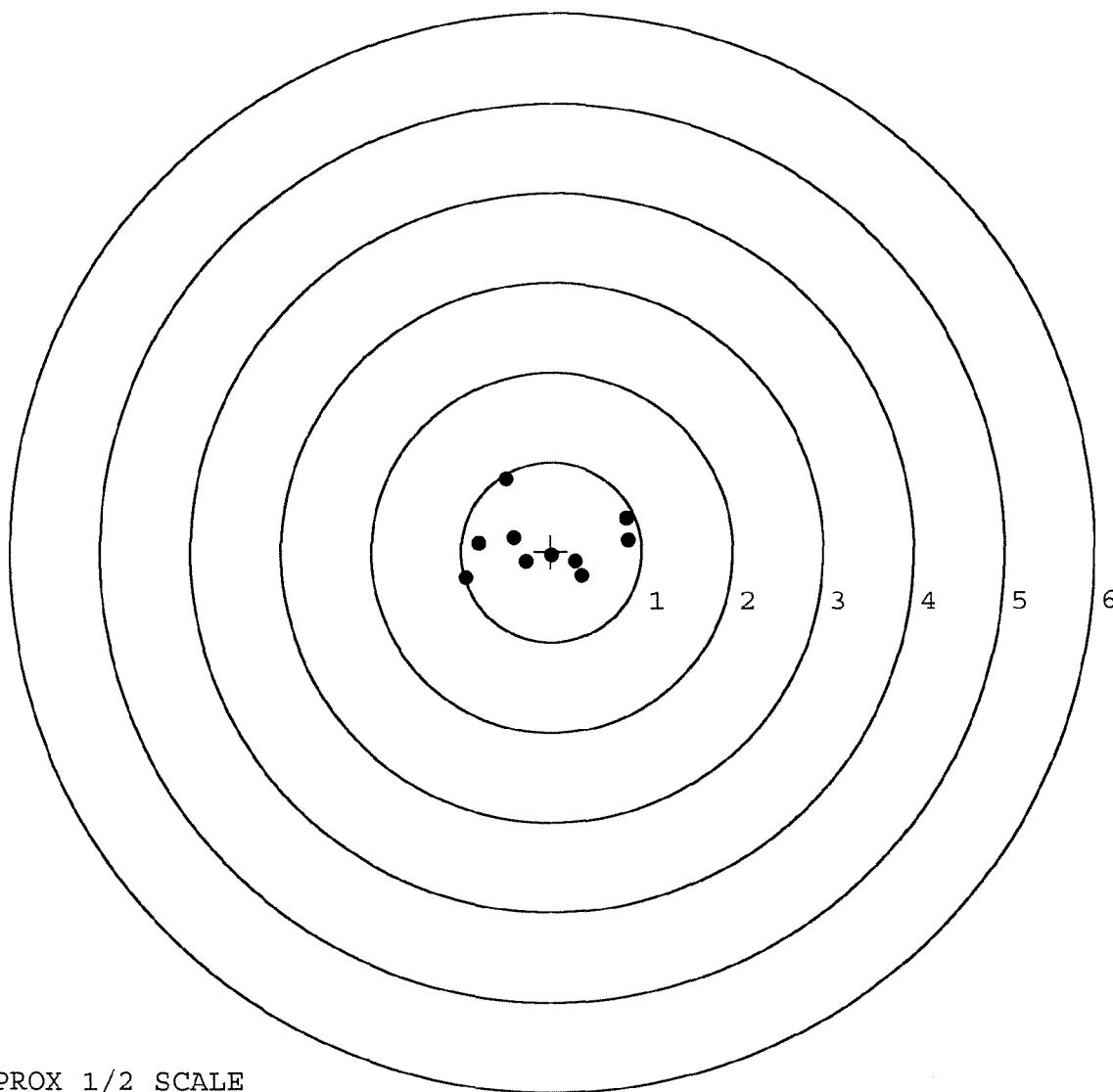
TARGET APPROX 1/2 SCALE

BARBER - M24 0164104

SERIAL NUMBER: G6590068. __0
 TARGET NUMBER: 3
 FILE DATE: 10/05/2006
 FILE TIME: 06:28

POINT#	X	Y
1:	0.830	0.368
2:	0.852	0.133
3:	-0.497	0.809
4:	-0.944	-0.297
5:	-0.800	0.099
6:	-0.415	0.155
7:	-0.279	-0.117
8:	0.012	-0.043
9:	0.343	-0.279
10:	0.275	-0.114

X CENTROID: -0.062
 Y CENTROID: 0.071
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.796
 VERT SPREAD: 1.106
 GROUP SPREAD: 1.895
 MIN RADIUS: 0.136
 MAX RADIUS: 0.956
 MEAN RADIUS: 0.611
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



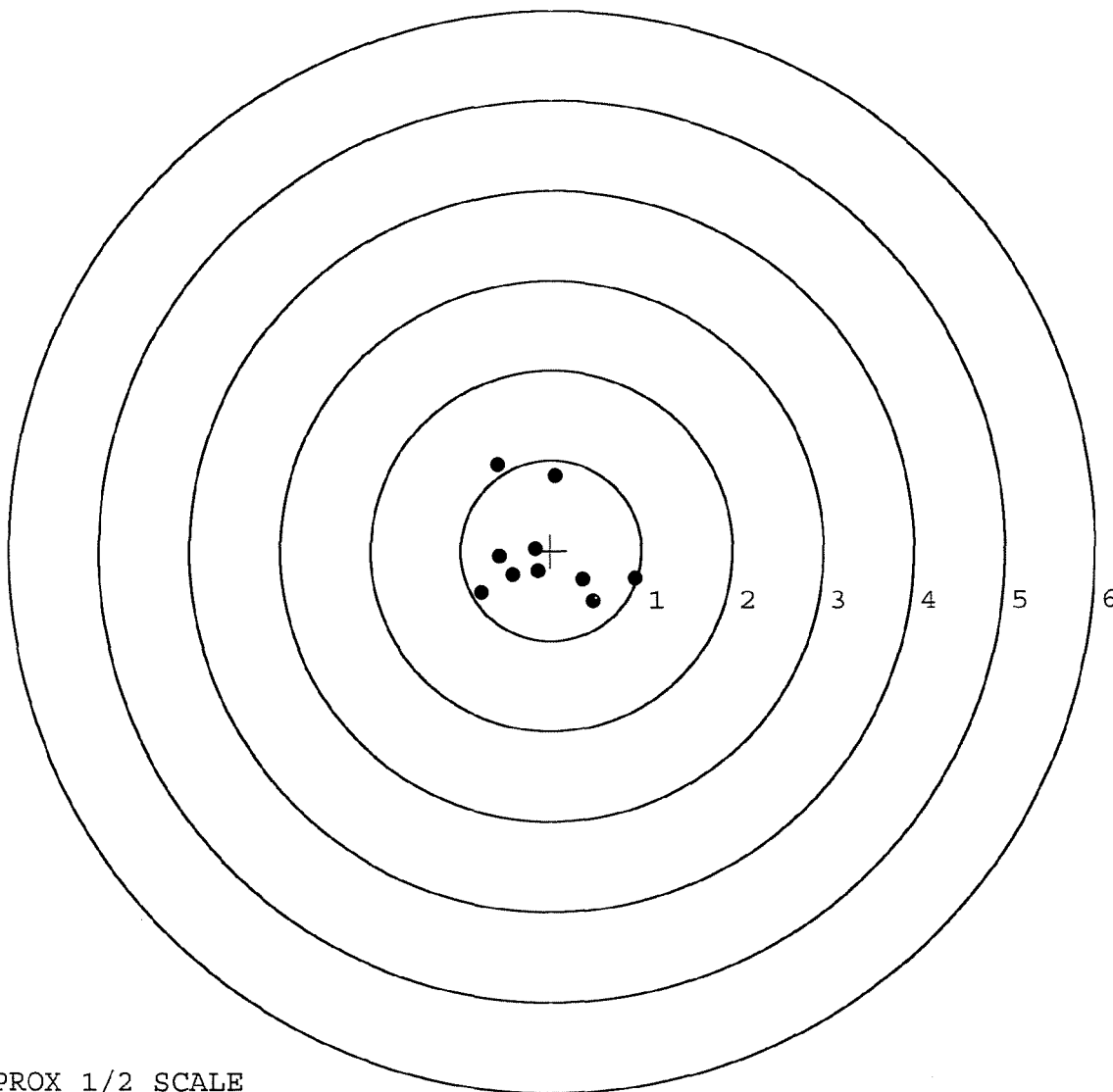
TARGET APPROX 1/2 SCALE

BARBER - M24 0164105

SERIAL NUMBER: G6590068. __0
 TARGET NUMBER: 4
 FILE DATE: 10/05/2006
 FILE TIME: 06:28

POINT#	X	Y
1:	0.930	-0.309
2:	0.469	-0.560
3:	0.356	-0.325
4:	-0.770	-0.462
5:	-0.142	-0.227
6:	-0.420	-0.271
7:	-0.171	0.022
8:	-0.568	-0.062
9:	0.052	0.822
10:	-0.587	0.952

X CENTROID: -0.085
 Y CENTROID: -0.042
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.700
 VERT SPREAD: 1.512
 GROUP SPREAD: 1.973
 MIN RADIUS: 0.107
 MAX RADIUS: 1.114
 MEAN RADIUS: 0.631
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



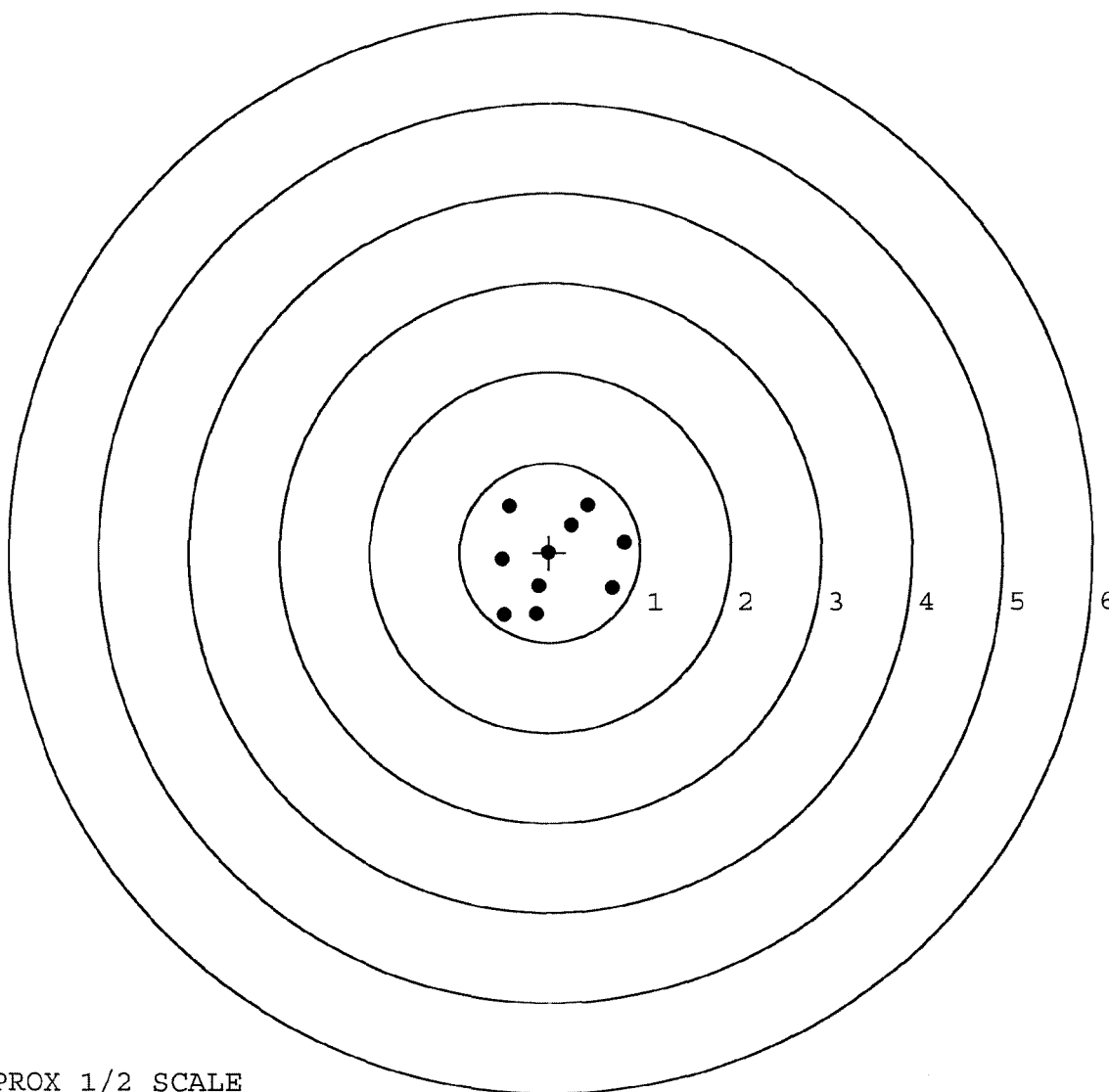
TARGET APPROX 1/2 SCALE

BARBER - M24 0164106

SERIAL NUMBER: G6590068. __0
 TARGET NUMBER: 5
 FILE DATE: 10/05/2006
 FILE TIME: 06:28

POINT#	X	Y
1:	0.822	0.108
2:	0.697	-0.396
3:	0.426	0.533
4:	0.240	0.300
5:	-0.452	0.518
6:	-0.016	0.002
7:	-0.526	-0.080
8:	-0.501	-0.697
9:	-0.148	-0.690
10:	-0.125	-0.379

X CENTROID: 0.042
 Y CENTROID: -0.078
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.348
 VERT SPREAD: 1.230
 GROUP SPREAD: 1.549
 MIN RADIUS: 0.099
 MAX RADIUS: 0.823
 MEAN RADIUS: 0.593
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE