

G6590045

ORDER 25716

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

UPC



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SERIAL NO.



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



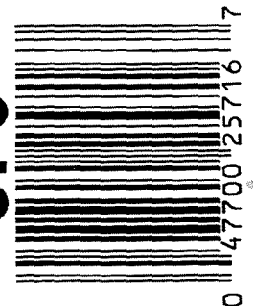
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590045

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INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590045

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		9-25-06	TRW
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	9-25-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 26 2006	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	CW
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	CE
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		10-5-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	unus

F004 REV 5/2006

OP BARBER M24 M4097			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.9</u>	<u>7.9</u>	<u>7.9</u>	10-10-06	RA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	10-10-06	RA		
	H) TRIGGER PULL TEST AND RETAINABILITY					10/10/06	mm		
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.025</u>	<u>.025</u>	10-10-06	RA		
	J) ASSEMBLE STOCK					10-5-06	BLG		
	K) ASSEMBLE SWIVEL STUDS					10/10/06	mm		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					10-5-06	BLG		
	M) IRON SIGHT ALIGNMENT					10-5-06	BLG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					10-5-06	BLG		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL		10-5-06	R.P.D.		
			<u>PASS</u>	FAIL					
	MALFUNCTION		N/A						
	MALFUNCTION								
	MALFUNCTION								
	MALFUNCTION								
660	INSPECT FOR LIVE AMMO					10/5/06	mm		
670	FINAL INSPECTION A) HEADSPACE					10/10/06	mm		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.31</u>	<u>2.35</u>	<u>2.39</u>	<u>2.39</u>	<u>2.39</u>	10-9-06	RA
	C) FUNCTION					10/10/06	mm		
690	PACK					10-26-06	RA		

F004 REV 5/2006

BARBER - M24 0163698AVERAGE 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

9-14-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	246	264		251	
PULL #2	251	263		242	
PULL #3	237	259		244	
PULL #4	245	254		248	
PULL #5	245	259		247	
TOTAL	1224	1299		1232	
AVERAGE	244	259		246	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	302	303		
PULL #2	304	292		
PULL #3	301	293		
PULL #4	302	297		
PULL #5	302	292		
TOTAL	1511	1477		
AVERAGE	302	295		

	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	426	430		4.17
PULL #2	390	431		4.12
PULL #3	397	433		4.17
PULL #4	412	434		4.19
PULL #5	417	430		4.16
TOTAL	2042	2158		20.81
AVERAGE	408	431		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590045.__0
FILE DATE AND TIME: 10/07/2006 07:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.060
The Average Y Centroid of the Five Target Set:	-0.122
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.513
The Distance from Centroid Target #2 to Centroid Target #1:	0.660
The Distance from Centroid Target #3 to Centroid Target #1:	0.413
The Distance from Centroid Target #4 to Centroid Target #1:	0.479
The Distance from Centroid Target #5 to Centroid Target #1:	0.391

BARBER - M24 0163700

SERIAL NUMBER: G6590045. 0

TARGET NUMBER: 1

FILE DATE: 10/07/2006

FILE TIME: 07:46

POINT#	X	Y
1:	0.320	-0.495
2:	-1.155	-0.003
3:	-1.018	0.553
4:	-0.661	-1.703
5:	0.233	-1.661
6:	0.783	-1.298
7:	1.460	-1.343
8:	0.733	0.227
9:	0.464	0.340
10:	0.391	0.488

X CENTROID: 0.155

Y CENTROID: -0.490

POA TO CENTROID: 0.513

HORZ SPREAD: 2.615

VERT SPREAD: 2.256

GROUP SPREAD: 3.120

MIN RADIUS: 0.165

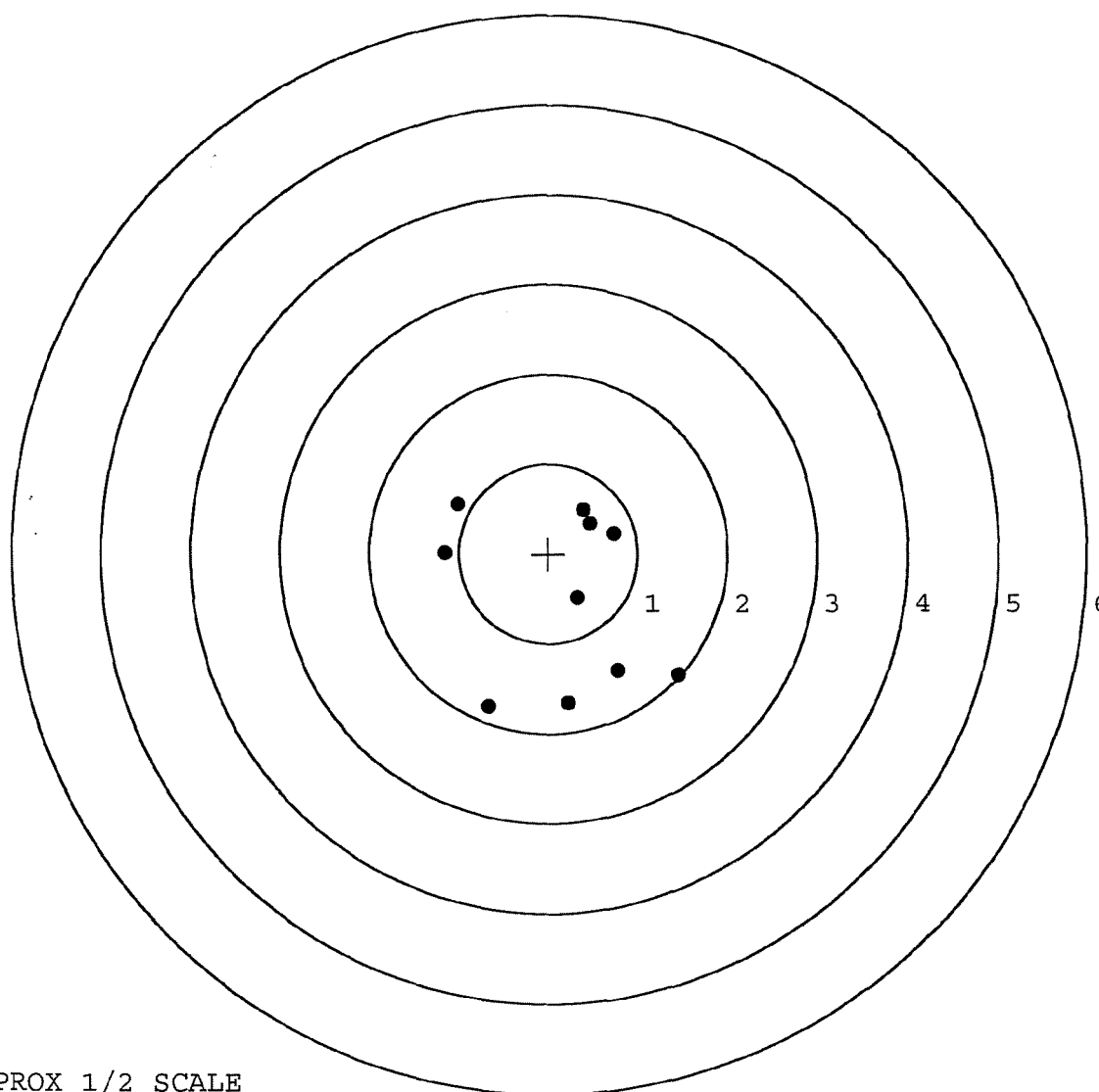
MAX RADIUS: 1.569

MEAN RADIUS: 1.116

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590045. __0

TARGET NUMBER: 2

FILE DATE: 10/07/2006

FILE TIME: 07:46

X CENTROID: 0.133

Y CENTROID: 0.170

POA TO CENTROID: 0.216

HORZ SPREAD: 2.635

VERT SPREAD: 2.565

GROUP SPREAD: 2.641

MIN RADIUS: 0.206

MAX RADIUS: 1.588

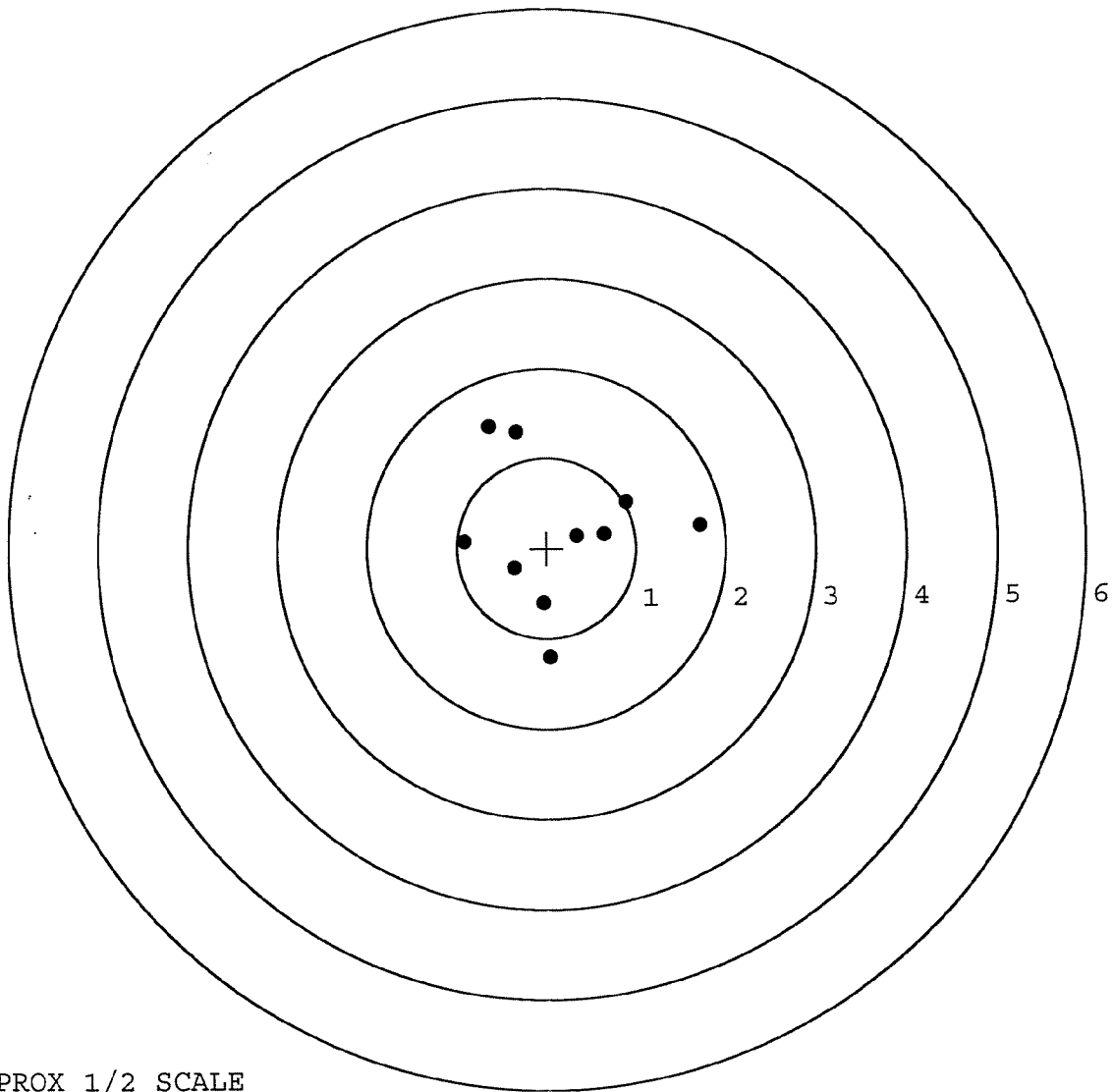
MEAN RADIUS: 0.964

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.719	0.249
2:	0.891	0.509
3:	0.640	0.154
4:	0.336	0.134
5:	-0.039	-0.619
6:	0.035	-1.218
7:	-0.362	-0.224
8:	-0.916	0.075
9:	-0.338	1.292
10:	-0.636	1.347

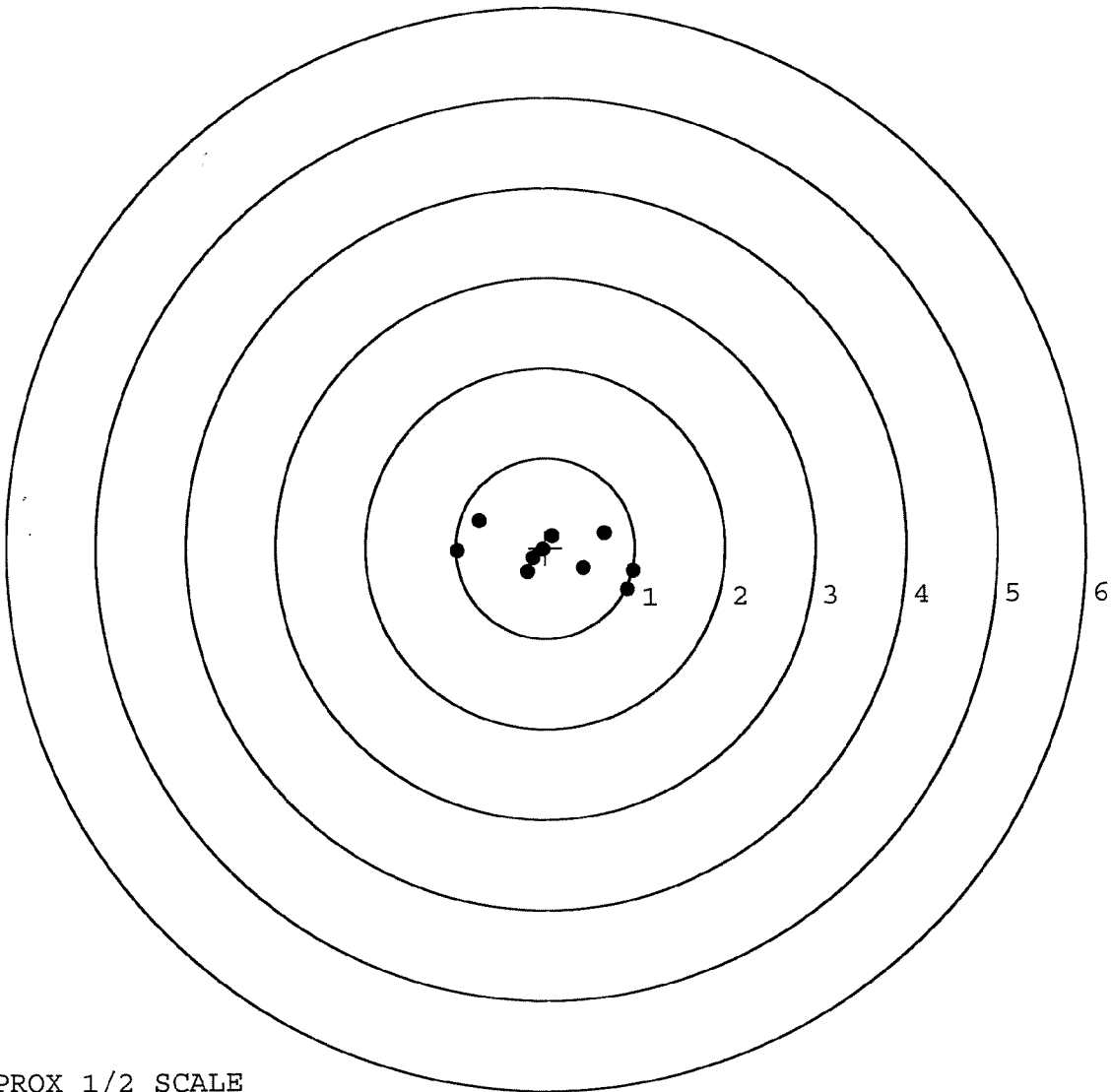


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590045. __0
 TARGET NUMBER: 3
 FILE DATE: 10/07/2006
 FILE TIME: 07:46

X CENTROID: 0.095
 Y CENTROID: -0.081
 POA TO CENTROID: 0.125
 HORZ SPREAD: 1.958
 VERT SPREAD: 0.775
 GROUP SPREAD: 1.971
 MIN RADIUS: 0.136
 MAX RADIUS: 1.076
 MEAN RADIUS: 0.572
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.660	0.162
2:	0.421	-0.231
3:	-0.980	-0.038
4:	-0.738	0.306
5:	-0.205	-0.270
6:	-0.027	-0.021
7:	0.079	0.133
8:	0.978	-0.265
9:	0.909	-0.469
10:	-0.142	-0.118



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590045. __ 0

TARGET NUMBER: 4

FILE DATE: 10/07/2006

FILE TIME: 07:46

X CENTROID: -0.020

Y CENTROID: -0.043

POA TO CENTROID: 0.048

HORZ SPREAD: 2.700

VERT SPREAD: 1.813

GROUP SPREAD: 2.805

MIN RADIUS: 0.115

MAX RADIUS: 1.558

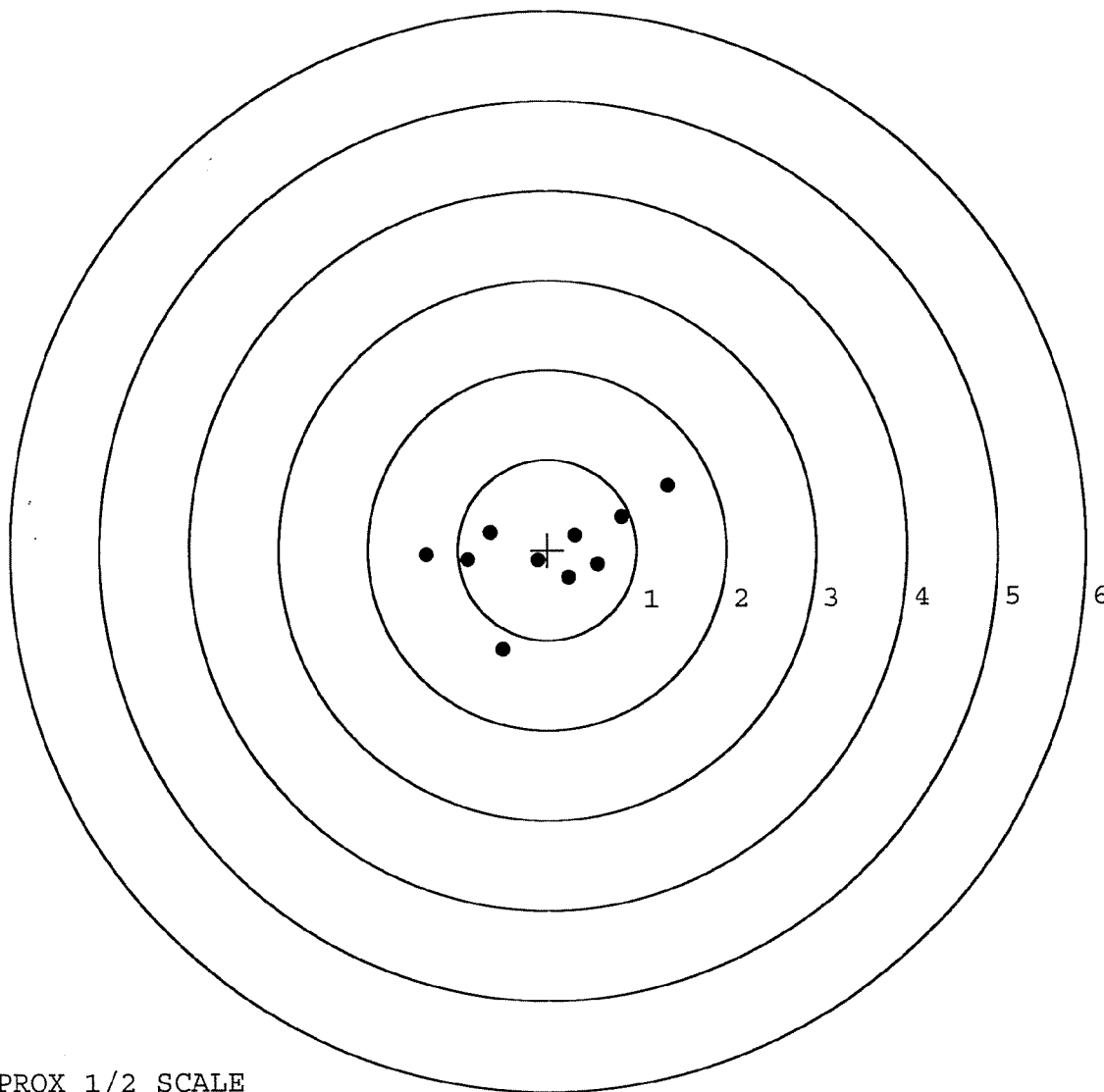
MEAN RADIUS: 0.801

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.505	-1.108
2:	-0.638	0.196
3:	-0.888	-0.107
4:	-1.353	-0.055
5:	1.347	0.705
6:	0.832	0.365
7:	0.312	0.161
8:	-0.110	-0.115
9:	0.565	-0.164
10:	0.240	-0.311



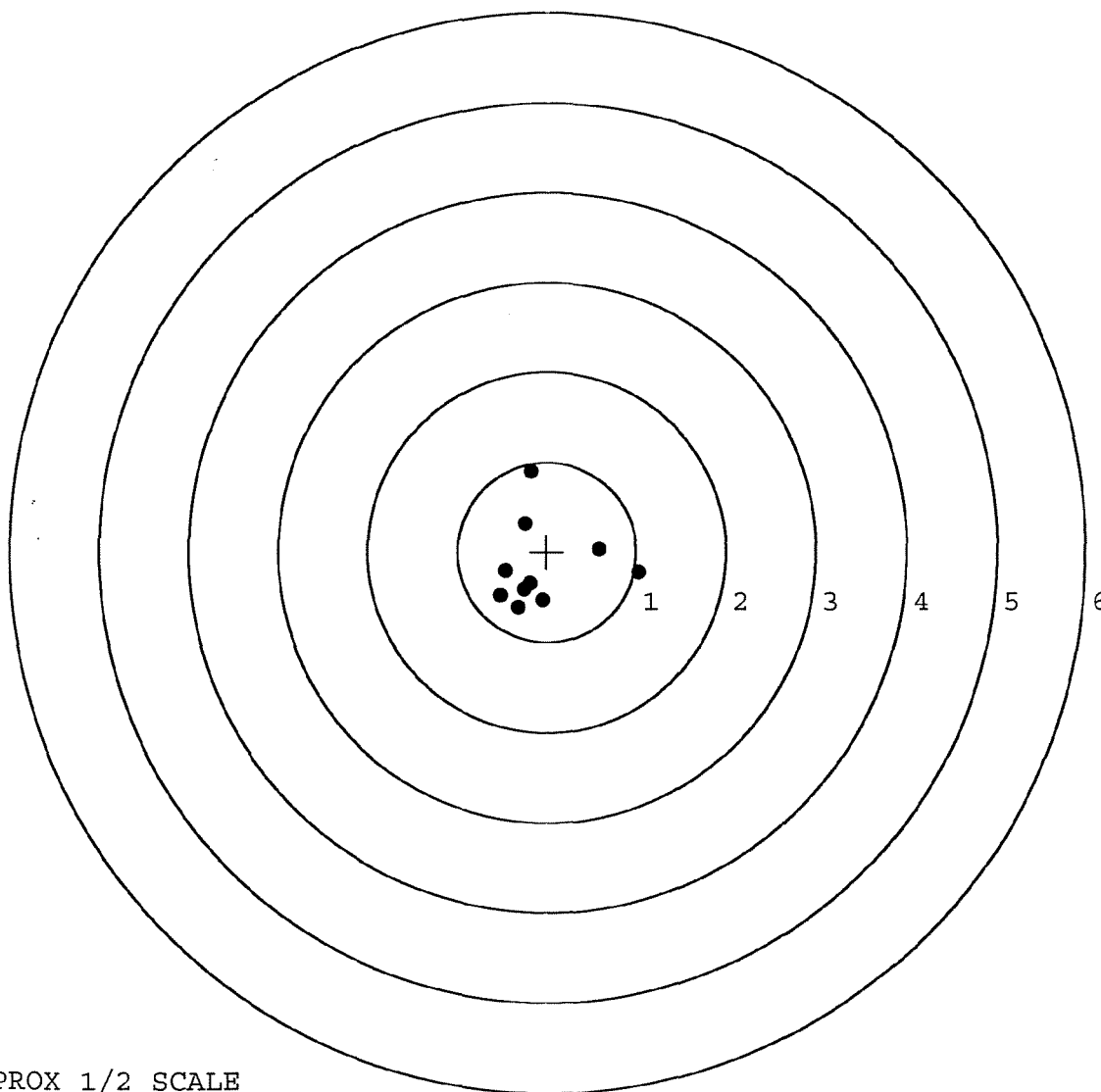
TARGET APPROX 1/2 SCALE

BARBER - M24 0163704

SERIAL NUMBER: G6590045. __0
 TARGET NUMBER: 5
 FILE DATE: 10/07/2006
 FILE TIME: 07:46

POINT#	X	Y
1:	1.033	-0.233
2:	0.593	0.034
3:	-0.461	-0.214
4:	-0.253	0.314
5:	-0.185	0.897
6:	-0.191	-0.355
7:	-0.050	-0.543
8:	-0.521	-0.489
9:	-0.321	-0.621
10:	-0.257	-0.425

X CENTROID: -0.061
 Y CENTROID: -0.164
 POA TO CENTROID: 0.175
 HORZ SPREAD: 1.554
 VERT SPREAD: 1.518
 GROUP SPREAD: 1.661
 MIN RADIUS: 0.231
 MAX RADIUS: 1.097
 MEAN RADIUS: 0.579
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE