

G-646 1578

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



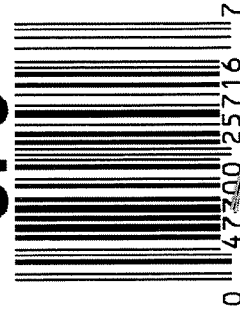
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6461578

UPC



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6461578

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/2/05	CD
440	PROOF		11/2/05	CD
460	CHECK HEADSPACE		11/2/05	CD
470	DIS-ASSEMBLE ACTION		11/2/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480	12/8/05	unsub
500	ROLLMARK CALIBER		12-8-05	CW
510	DRILL AND TAP SIGHT HOLES		12-8-05	BR
520	GOFF BLAST BBL / REC		12-9-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/12/05	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		12-14-05	AE
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-14-05	AE
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-14-05	AE
	D) OIL FIRING PIN ASSEMBLY		1-6-06	FG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1-6-06	FG

REV-8405

OP # OPERATION NAME			READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6 16</u> <u>6 16</u> <u>6 16</u>	1-6-06	BG
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3 16</u> <u>3 16</u> <u>3 16</u>	1-6-06	BG
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	1-6-06	BG
	J) ASSEMBLE STOCK			12-29-05	A
	K) ASSEMBLE SWIVEL STUDS			1-6-06	BG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			12-29-05	BG
	M) IRON SIGHT ALIGNMENT			12-29-05	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			12-29-05	BG
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u> FAIL <u>PASS</u> FAIL	12-30-05	mtm
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			12/30/05	mtm
670	FINAL INSPECTION A) HEADSPACE			1-6-06	BG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.16</u> <u>2.48</u> <u>2.56</u> <u>2.45</u> <u>2.30</u>	1-3-06	A
	C) FUNCTION			1-6-06	BG
690	PACK			1-7-06	mtm

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 10-19-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.30		2.36	
PULL #2	2.35	2.53		2.30	
PULL #3	2.40	2.48		2.26	
PULL #4	2.38	2.37		2.28	
PULL #5	2.49	2.37		2.26	
TOTAL	12.08	12.05		11.46	
AVERAGE	2.42	2.41		2.29	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.91	3.05		
PULL #2	2.91	3.02		
PULL #3	3.04	2.97		
PULL #4	2.94	3.12		
PULL #5	2.96	3.09		
TOTAL	14.76	15.15		
AVERAGE	2.95	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	4.30	4.38		4.09
PULL #2	4.38	4.38		4.10
PULL #3	3.85	4.43		4.18
PULL #4	4.45	4.23		4.20
PULL #5	4.47	4.41		4.17
TOTAL	21.45	21.83		20.64
AVERAGE	4.29	4.37		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461578.___0
FILE DATE AND TIME: 12/30/2005 22:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.014
The Average Y Centroid of the Five Target Set:	-0.090
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.688
The Distance from POA to Centroid Target #1:	0.231
The Distance from Centroid Target #2 to Centroid Target #1:	0.345
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.089
The Distance from Centroid Target #5 to Centroid Target #1:	0.230

BARBER - M24 0153259

SERIAL NUMBER: G6461578. 0

TARGET NUMBER: 1

FILE DATE: 12/30/2005

FILE TIME: 22:51

POINT#	X	Y
1:	-0.354	0.796
2:	-0.067	0.331
3:	-0.634	0.207
4:	-1.077	-0.073
5:	-0.921	-0.274
6:	-0.822	-0.559
7:	0.372	-1.129
8:	0.580	-0.800
9:	0.811	-0.384
10:	0.571	0.163

X CENTROID: -0.154

Y CENTROID: -0.172

POA TO CENTROID: 0.231

HORZ SPREAD: 1.888

VERT SPREAD: 1.925

GROUP SPREAD: 2.057

MIN RADIUS: 0.511

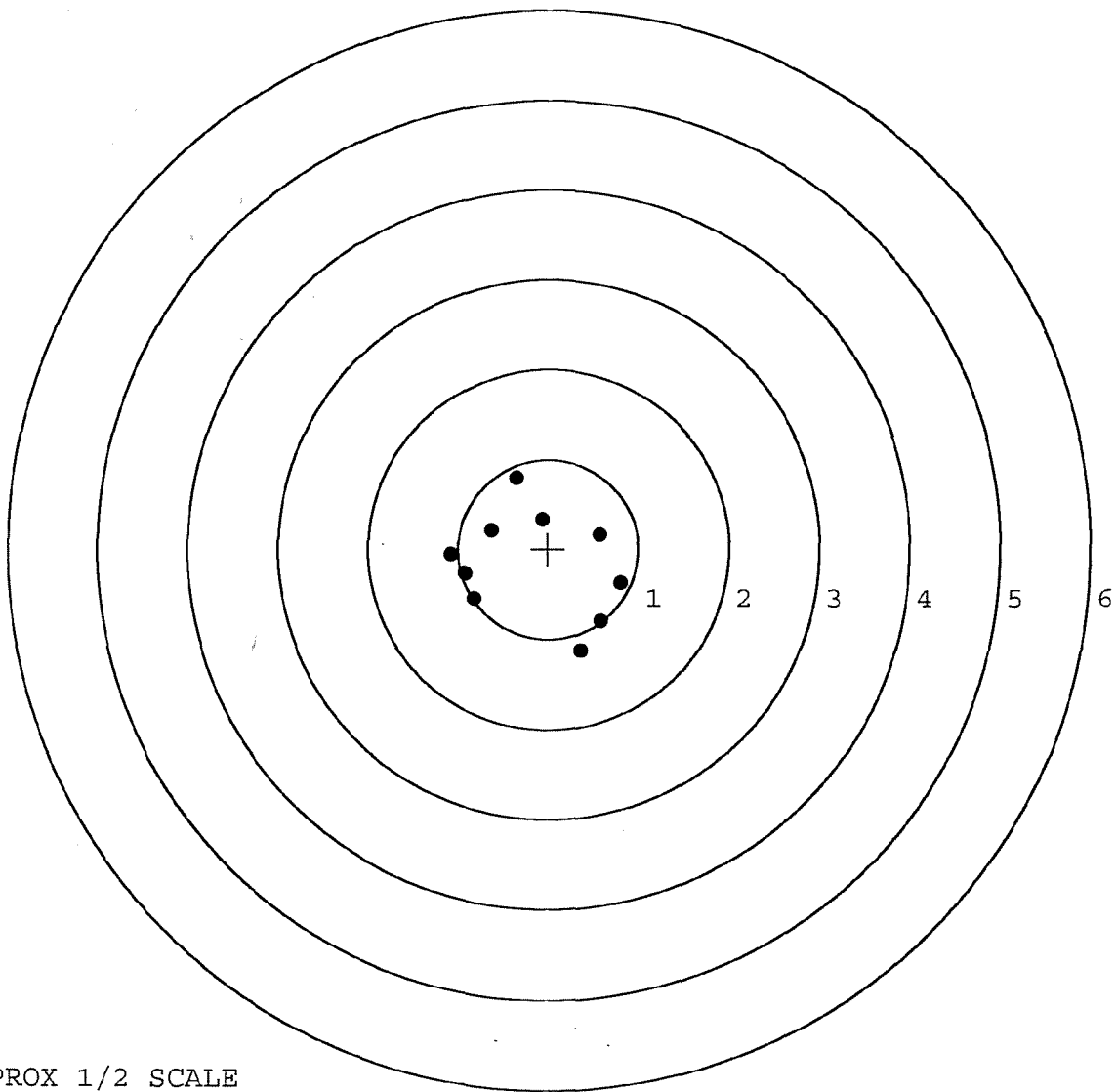
MAX RADIUS: 1.092

MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0153260

SERIAL NUMBER: G6461578. __0

TARGET NUMBER: 2

FILE DATE: 12/30/2005

FILE TIME: 22:51

POINT#	X	Y
1:	-0.250	1.014
2:	-0.739	0.978
3:	-0.245	0.524
4:	-0.284	0.288
5:	-0.308	0.028
6:	0.382	0.268
7:	0.680	-0.311
8:	0.364	-0.314
9:	0.433	-0.534
10:	0.223	-0.719

X CENTROID: 0.026

Y CENTROID: 0.122

POA TO CENTROID: 0.125

HORZ SPREAD: 1.419

VERT SPREAD: 1.733

GROUP SPREAD: 1.951

MIN RADIUS: 0.347

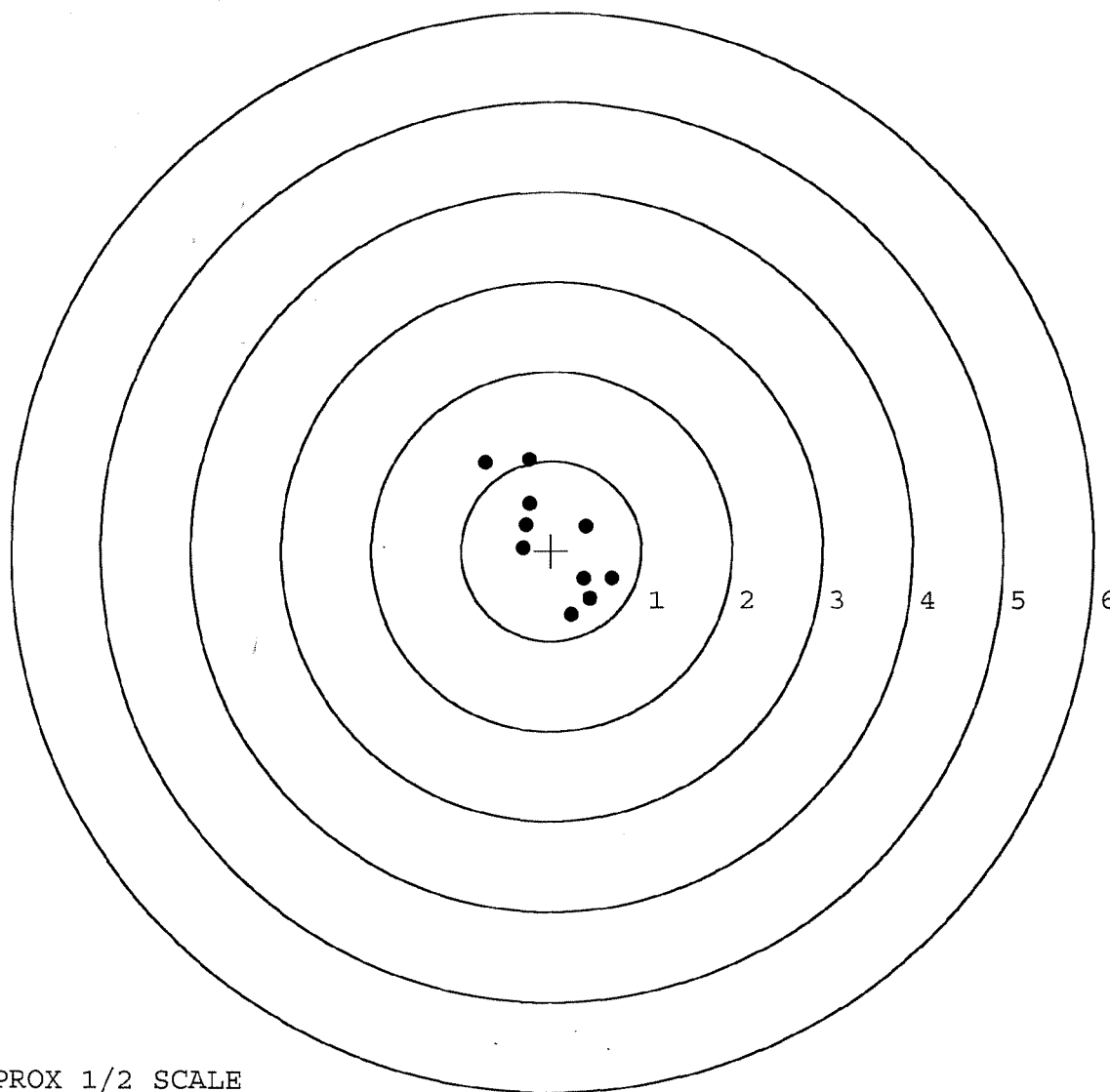
MAX RADIUS: 1.148

MEAN RADIUS: 0.662

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0153261

SERIAL NUMBER: G6461578. 0

TARGET NUMBER: 3

FILE DATE: 12/30/2005

FILE TIME: 22:51

POINT#	X	Y
1:	0.251	-0.052
2:	0.295	0.193
3:	0.307	-0.291
4:	0.411	-0.480
5:	0.108	-0.560
6:	-0.180	-0.422
7:	-0.336	-1.198
8:	1.423	-0.506
9:	0.572	0.658
10:	-0.767	1.101

X CENTROID: 0.208

Y CENTROID: -0.156

POA TO CENTROID: 0.260

HORZ SPREAD: 2.190

VERT SPREAD: 2.299

GROUP SPREAD: 2.716

MIN RADIUS: 0.112

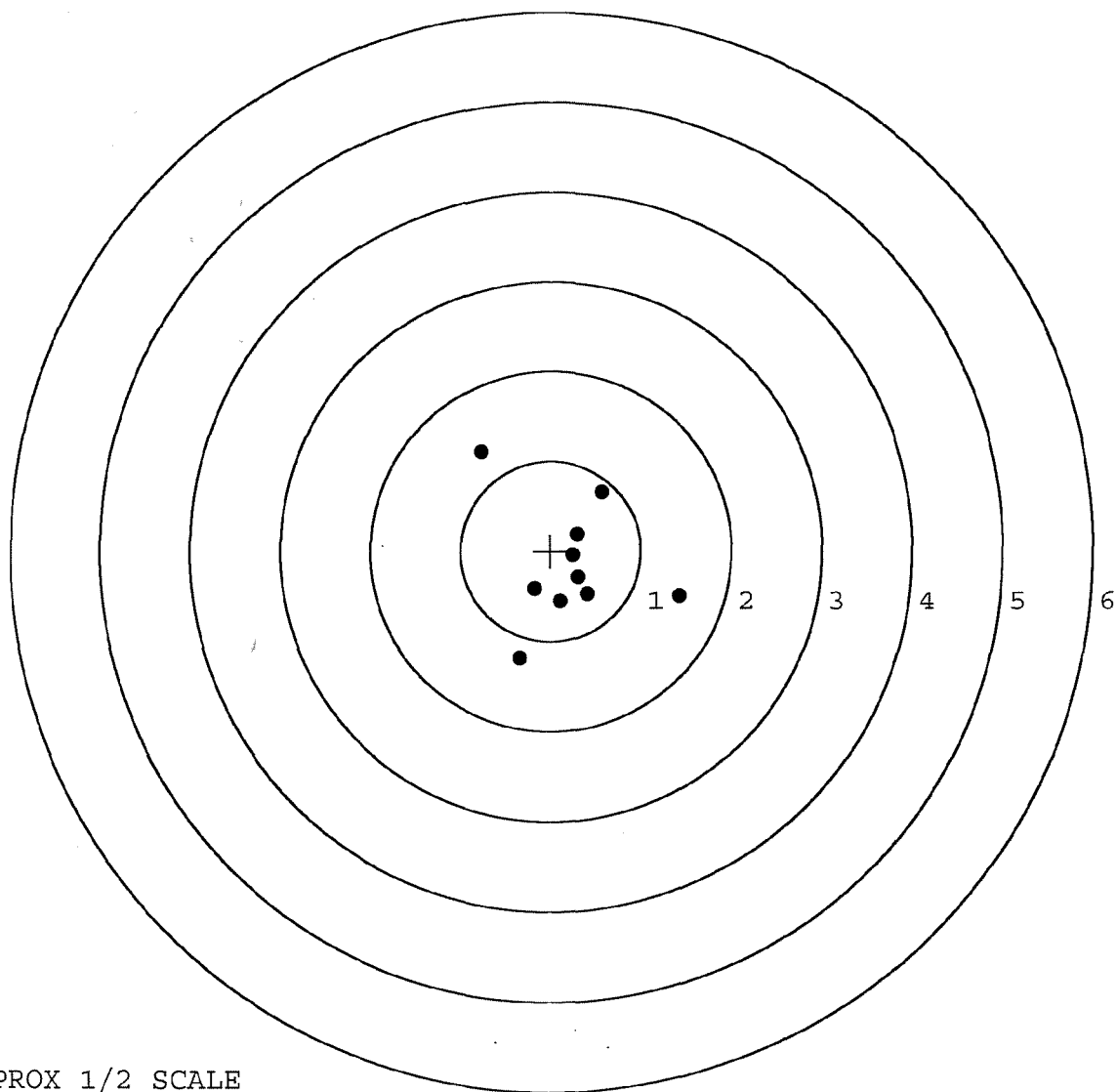
MAX RADIUS: 1.591

MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



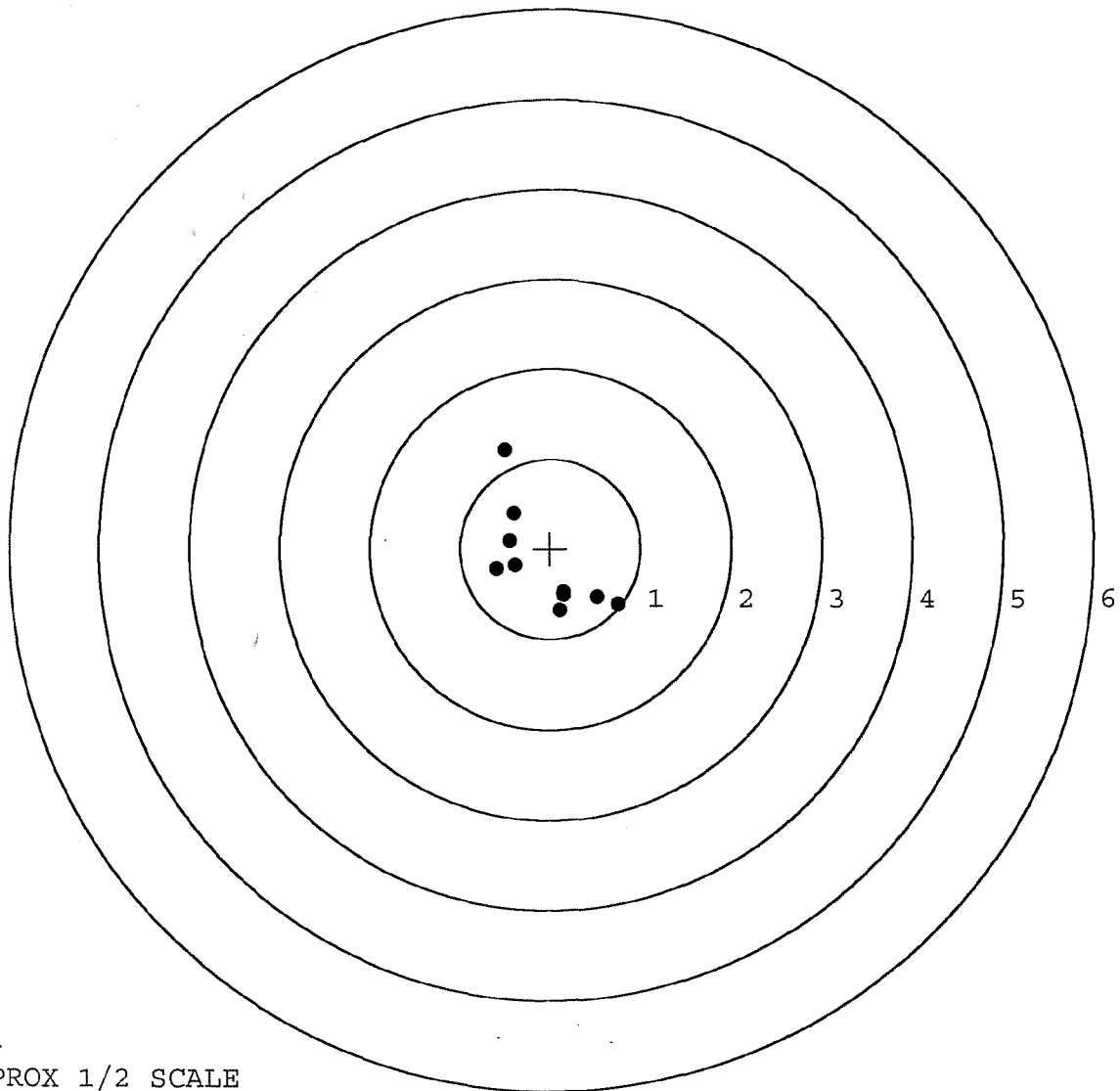
TARGET APPROX 1/2 SCALE

BARBER - M24 0153262

SERIAL NUMBER: G6461578. __0
 TARGET NUMBER: 4
 FILE DATE: 12/30/2005
 FILE TIME: 22:51

POINT#	X	Y
1:	-0.510	1.105
2:	-0.408	0.394
3:	-0.447	0.090
4:	-0.594	-0.227
5:	-0.387	-0.188
6:	0.149	-0.490
7:	0.111	-0.688
8:	0.522	-0.536
9:	0.755	-0.619
10:	0.152	-0.519

X CENTROID: -0.066
 Y CENTROID: -0.168
 POA TO CENTROID: 0.180
 HORZ SPREAD: 1.349
 VERT SPREAD: 1.793
 GROUP SPREAD: 2.138
 MIN RADIUS: 0.322
 MAX RADIUS: 1.348
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



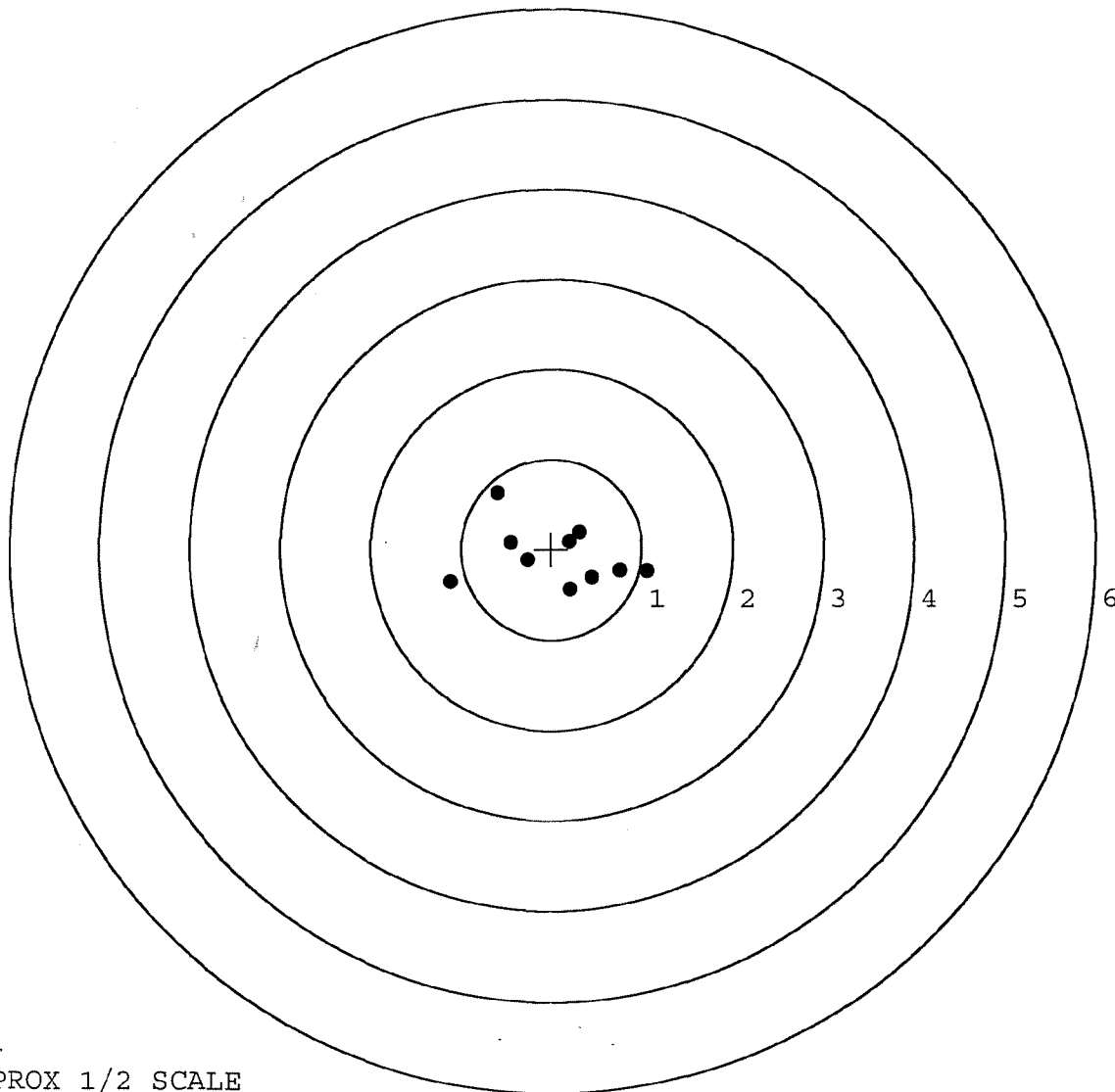
TARGET APPROX 1/2 SCALE

BARBER - M24 0153263

SERIAL NUMBER: G6461578. 0
 TARGET NUMBER: 5
 FILE DATE: 12/30/2005
 FILE TIME: 22:51

POINT#	X	Y
1:	-0.604	0.625
2:	-0.452	0.068
3:	-1.119	-0.370
4:	0.210	-0.453
5:	0.451	-0.317
6:	0.761	-0.244
7:	1.060	-0.248
8:	0.315	0.189
9:	0.203	0.086
10:	-0.263	-0.121

X CENTROID: 0.056
 Y CENTROID: -0.079
 POA TO CENTROID: 0.097
 HORZ SPREAD: 2.179
 VERT SPREAD: 1.078
 GROUP SPREAD: 2.182
 MIN RADIUS: 0.220
 MAX RADIUS: 1.211
 MEAN RADIUS: 0.623
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE