

G-64143-74

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



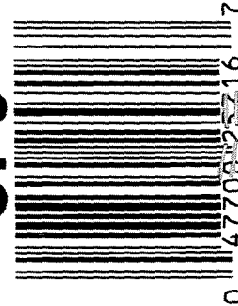
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6414376

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414376

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10-19-04	RTZ
600	PROOF		10-20-04	AC
607	CHECK HEADSPACE		MAGNA-FLUX INSPECTED	
610	DIS-ASSEMBLE GUN		05-11-04	
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		OPERATOR	
615	ROLLMARK CALIBER		10/27/04	AB
617	DRILL AND TAP SIGHT HOLES		10-22-04	TRW
620	APPLY COATINGS (BARREL ACTION)		10/30	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-5-04	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-5-04	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-5-04	RTZ
	D) OIL FIRING PIN ASSEMBLY		11-5-04	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	11-16-04	DA

OP #	OPERATION NAME	BARBER - M24 0151268	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE.	2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.0</u> <u>5.5</u>	11-16-04	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.2</u> <u>2.5</u> <u>2.5</u>	11-16-04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	11-16-04	DA
	J) ASSEMBLE STOCK			11-5-01	RTL
	K) ASSEMBLE SWIVEL STUDS			11-18-04	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			N/A	
	M) IRON SIGHT ALIGNMENT				
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				
640	GALLERY TEST AND TARGET		<u>PASS</u> FAIL	11-16-04	AC
	MALFUNCTION		CORRECTION	N/A	
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION	N.A.	
645	INSPECT FOR LIVE AMMO			11-16-04	AC
655	FINAL INSPECTION A) HEADSPACE			11-18-04	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.74</u> <u>2.85</u> <u>2.83</u> <u>2.85</u> <u>2.74</u>	11-16-04	DA
	C) FUNCTION			11-18-04	AC
660	PACK			11-11-04	DA

AVERAGE PULL FORCE BETWEEN
 INITIAL **BARBER M24 0151269**
 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)

SERIAL NO.

DATE

6-24-04

TESTER

TRK

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.48		2.64	
PULL #2	2.64	2.55		2.67	
PULL #3	2.66	2.72		2.70	
PULL #4	2.67	2.68		2.56	
PULL #5	2.71	2.78		2.66	
TOTAL	13.26	13.21		13.23	
AVERAGE	2.65	2.64		2.64	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.37		
PULL #2	3.32	3.26		
PULL #3	3.29	3.32		
PULL #4	3.31	3.35		
PULL #5	3.34	3.19		
TOTAL	16.52	16.49		
AVERAGE	3.30	3.29		

	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	4.20	4.33		4.49
PULL #2	4.46	4.46		4.36
PULL #3	4.49	4.36		4.33
PULL #4	4.44	4.40		4.40
PULL #5	4.50	4.35		4.44
TOTAL	22.09	21.90		22.02
AVERAGE	4.41	4.38		4.40

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414376.__1

FILE DATE AND TIME: 10/08/2005 04:10

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:	-0.193
The Average Point of Impact of the Five Target Set:	0.194
The Average Mean Radius of the Five Target Set:	0.993
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.368
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.338
The Distance from Centroid Target #5 to Centroid Target #1:	0.241

SERIAL NUMBER: G6414376. 1

TARGET NUMBER: 1

FILE DATE: 10/08/2005

FILE TIME: 04:10

X CENTROID: -0.119

Y CENTROID: -0.172

POA TO CENTROID: 0.210

HORZ SPREAD: 1.765

VERT SPREAD: 1.826

GROUP SPREAD: 2.236

MIN RADIUS: 0.089

MAX RADIUS: 1.423

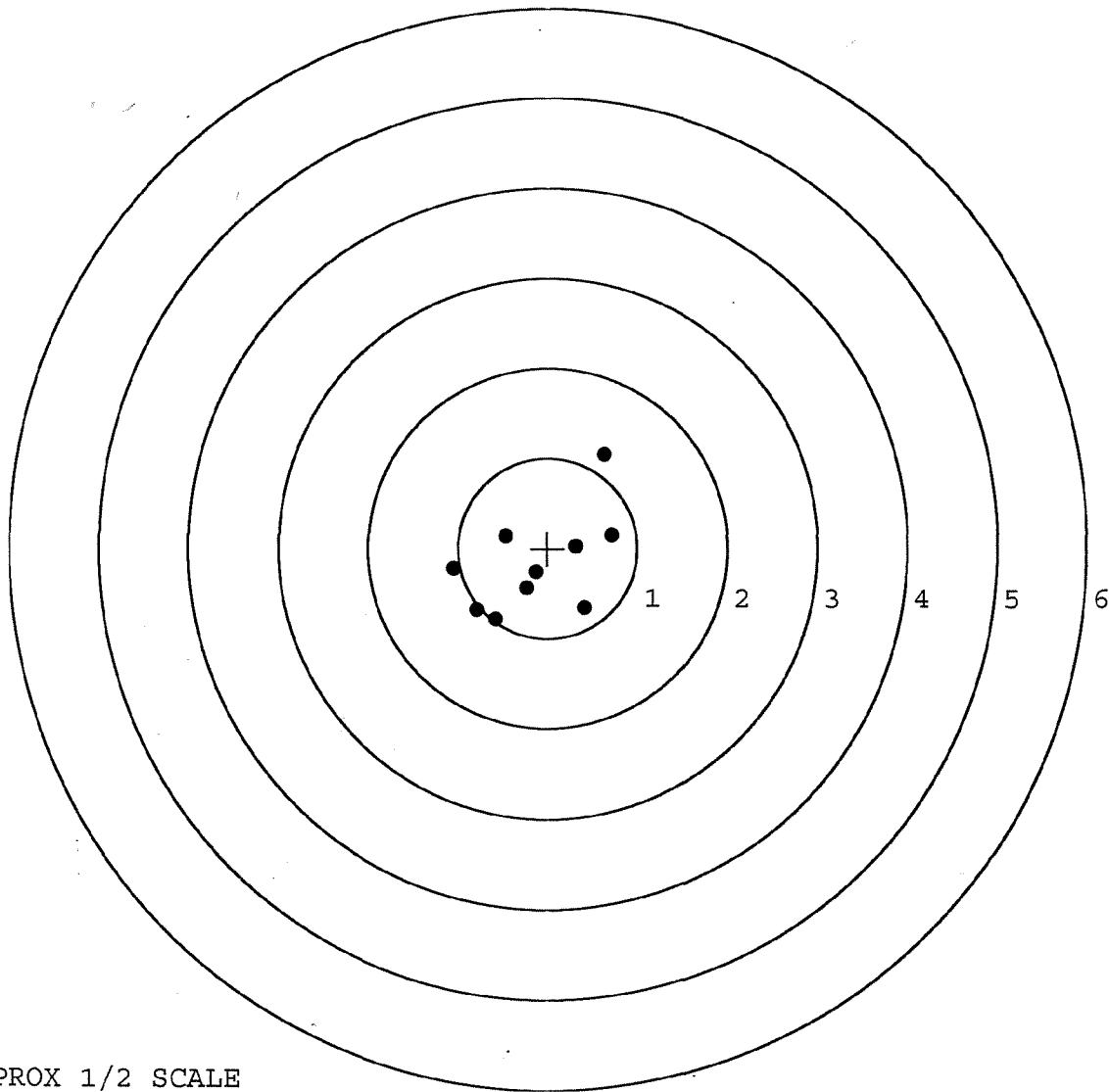
MEAN RADIUS: 0.692

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.411	-0.663
2:	0.715	0.142
3:	0.319	0.023
4:	0.629	1.038
5:	-0.471	0.137
6:	-0.130	-0.261
7:	-0.237	-0.444
8:	-0.584	-0.788
9:	-0.795	-0.686
10:	-1.050	-0.223



TARGET APPROX 1/2 SCALE

BARBER - M24 0151272

SERIAL NUMBER: G6414376: 1

TARGET NUMBER: 2

FILE DATE: 10/08/2005

FILE TIME: 04:10

POINT#	X	Y
1:	0.980	-0.167
2:	0.315	-0.053
3:	-0.353	-0.557
4:	0.269	0.856
5:	-0.482	0.974
6:	-0.791	-1.751
7:	-0.799	-2.428
8:	1.972	1.675
9:	0.028	2.406
10:	1.230	-3.609

X CENTROID: 0.237

Y CENTROID: -0.265

POA TO CENTROID: 0.356

HORZ SPREAD: 2.771

VERT SPREAD: 6.015

GROUP SPREAD: 6.134

MIN RADIUS: 0.226

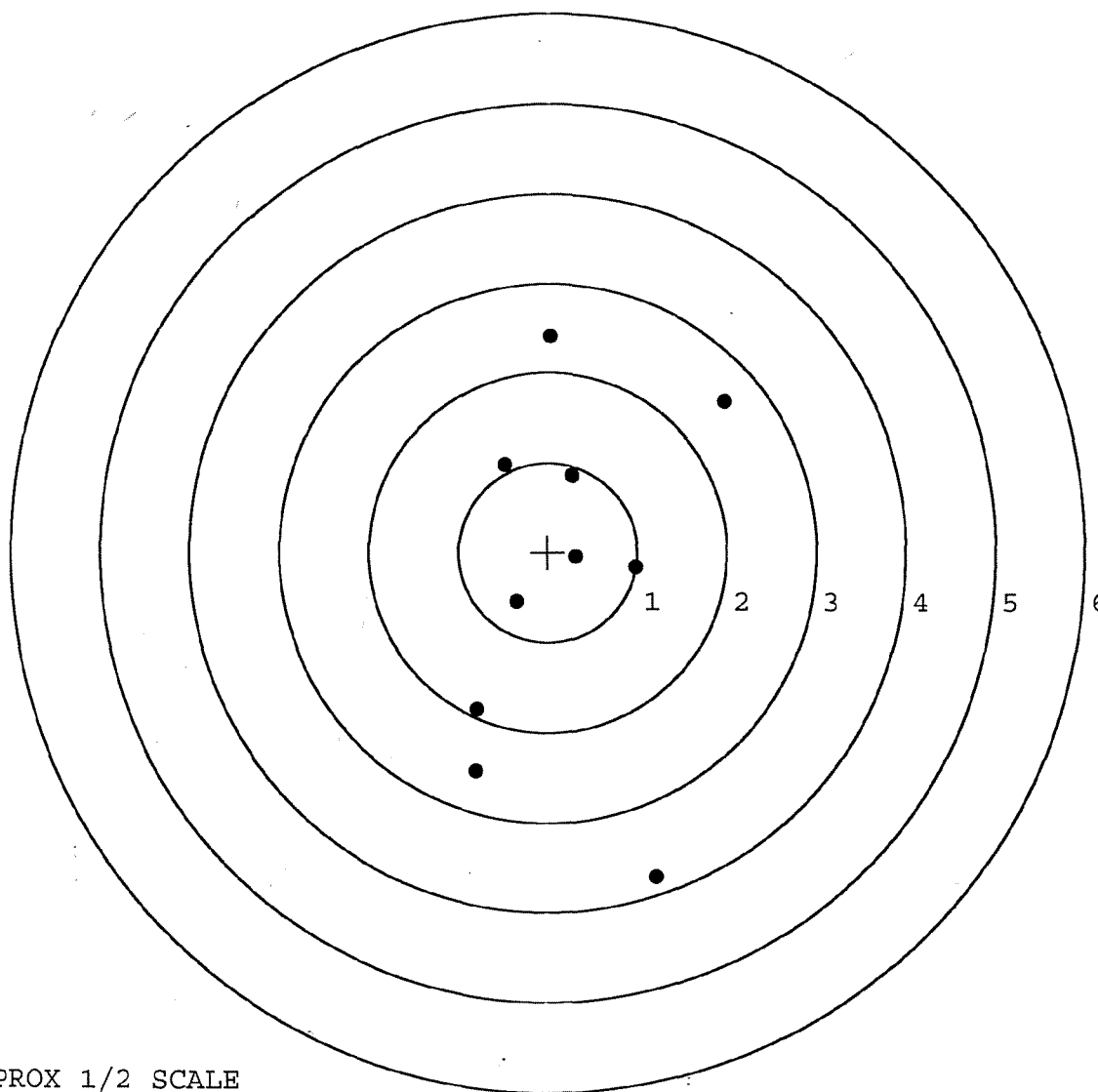
MAX RADIUS: 3.488

MEAN RADIUS: 1.716

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5



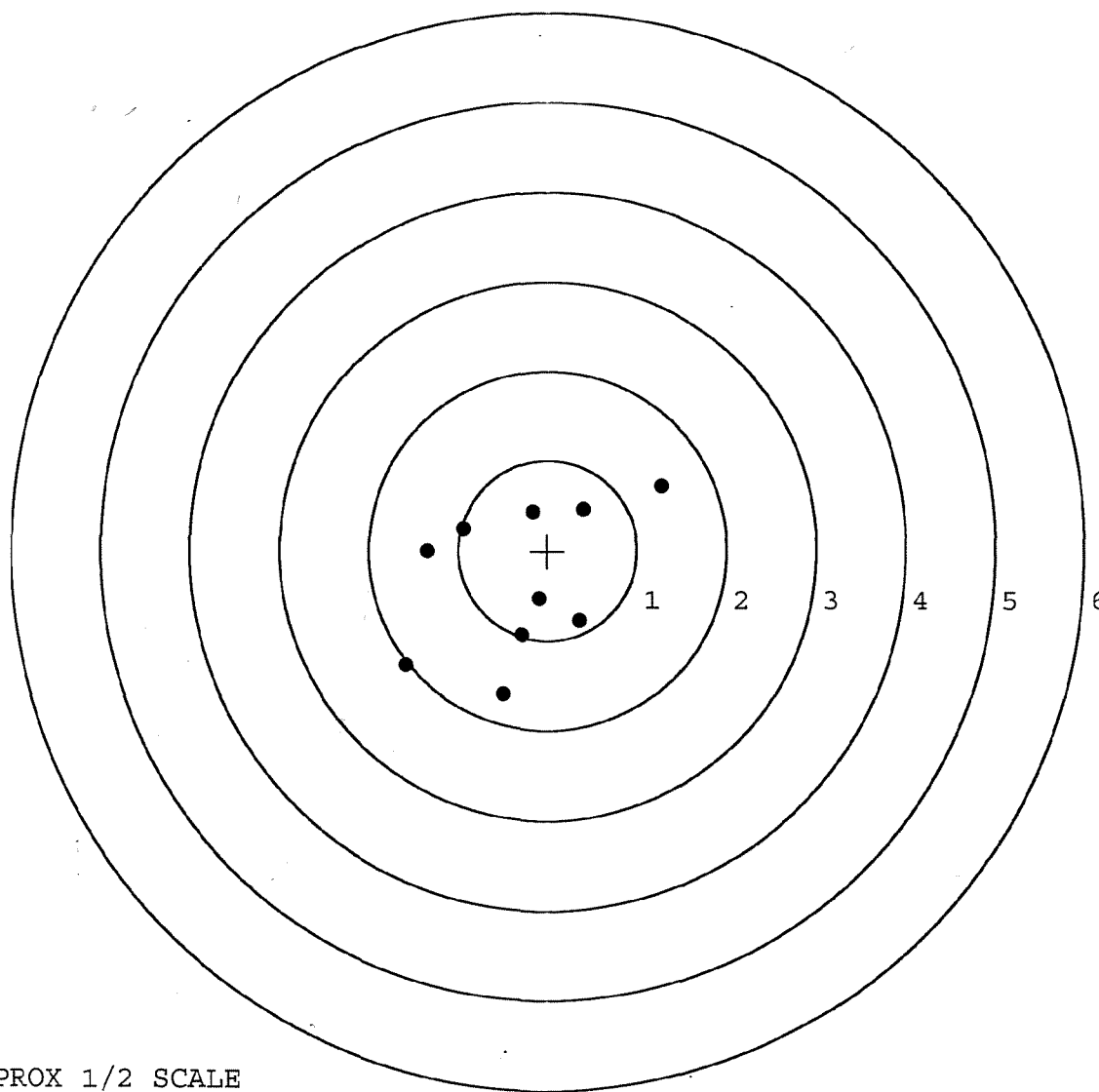
TARGET APPROX 1/2 SCALE

BARBER - M24 0151273

SERIAL NUMBER: G6414376. 1
 TARGET NUMBER: 3
 FILE DATE: 10/08/2005
 FILE TIME: 04:10

POINT#	X	Y
1:	-0.504	-1.602
2:	-0.289	-0.942
3:	0.358	-0.786
4:	-0.095	-0.534
5:	-1.587	-1.279
6:	-1.341	-0.012
7:	-0.951	0.246
8:	-0.168	0.431
9:	0.394	0.459
10:	1.267	0.711

X CENTROID: -0.292
 Y CENTROID: -0.331
 POA TO CENTROID: 0.441
 HORZ SPREAD: 2.854
 VERT SPREAD: 2.313
 GROUP SPREAD: 3.479
 MIN RADIUS: 0.283
 MAX RADIUS: 1.875
 MEAN RADIUS: 1.025
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



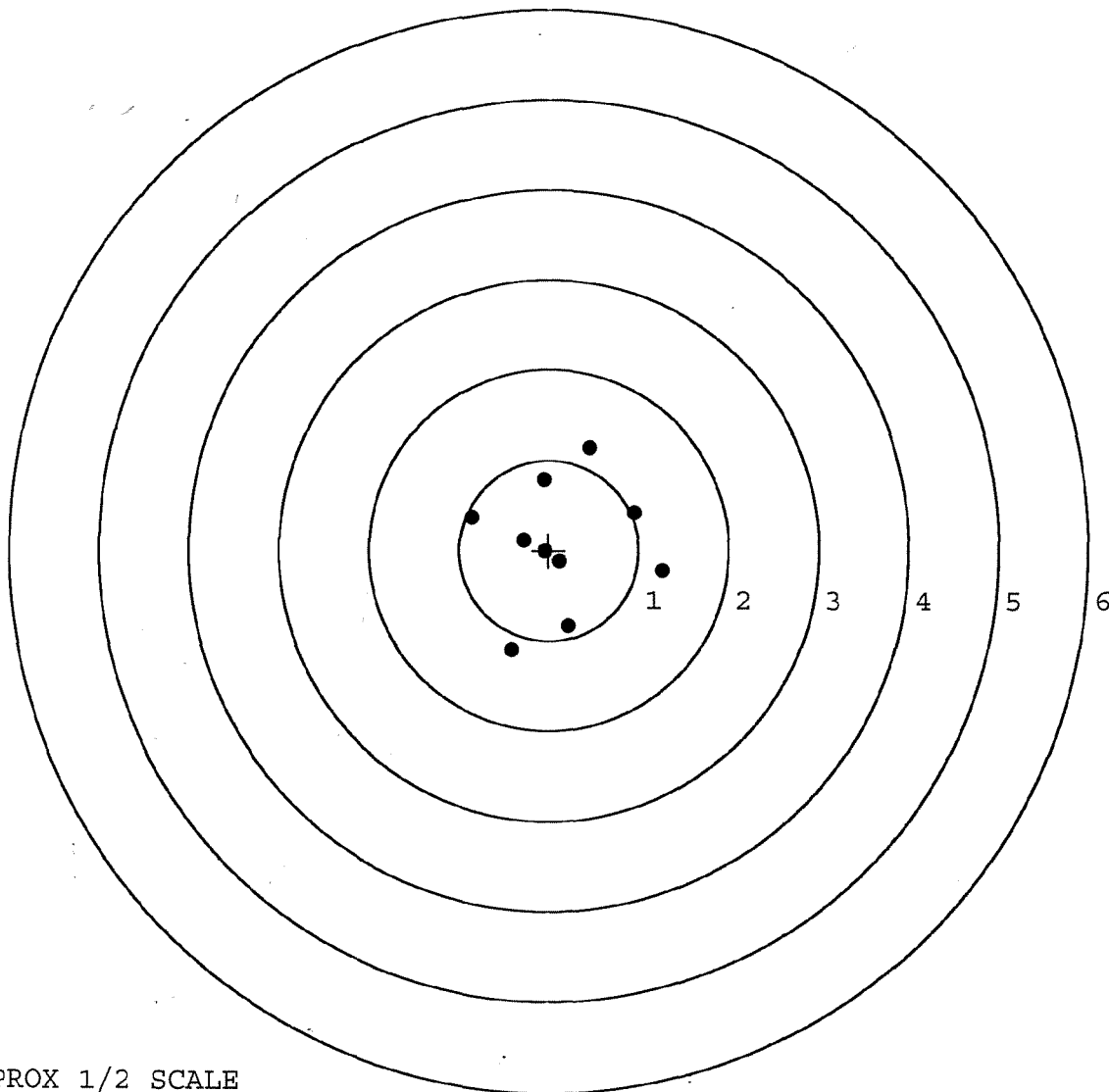
TARGET APPROX 1/2 SCALE

BARBER - M24 0151274

SERIAL NUMBER: G6414376: 1
 TARGET NUMBER: 4
 FILE DATE: 10/08/2005
 FILE TIME: 04:10

POINT#	X	Y
1:	0.215	-0.845
2:	-0.413	-1.109
3:	1.261	-0.228
4:	0.952	0.420
5:	0.454	1.136
6:	-0.056	0.783
7:	-0.861	0.373
8:	-0.276	0.109
9:	-0.044	-0.013
10:	0.122	-0.125

X CENTROID: 0.135
 Y CENTROID: 0.050
 POA TO CENTROID: 0.144
 HORZ SPREAD: 2.122
 VERT SPREAD: 2.245
 GROUP SPREAD: 2.407
 MIN RADIUS: 0.176
 MAX RADIUS: 1.282
 MEAN RADIUS: 0.795
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



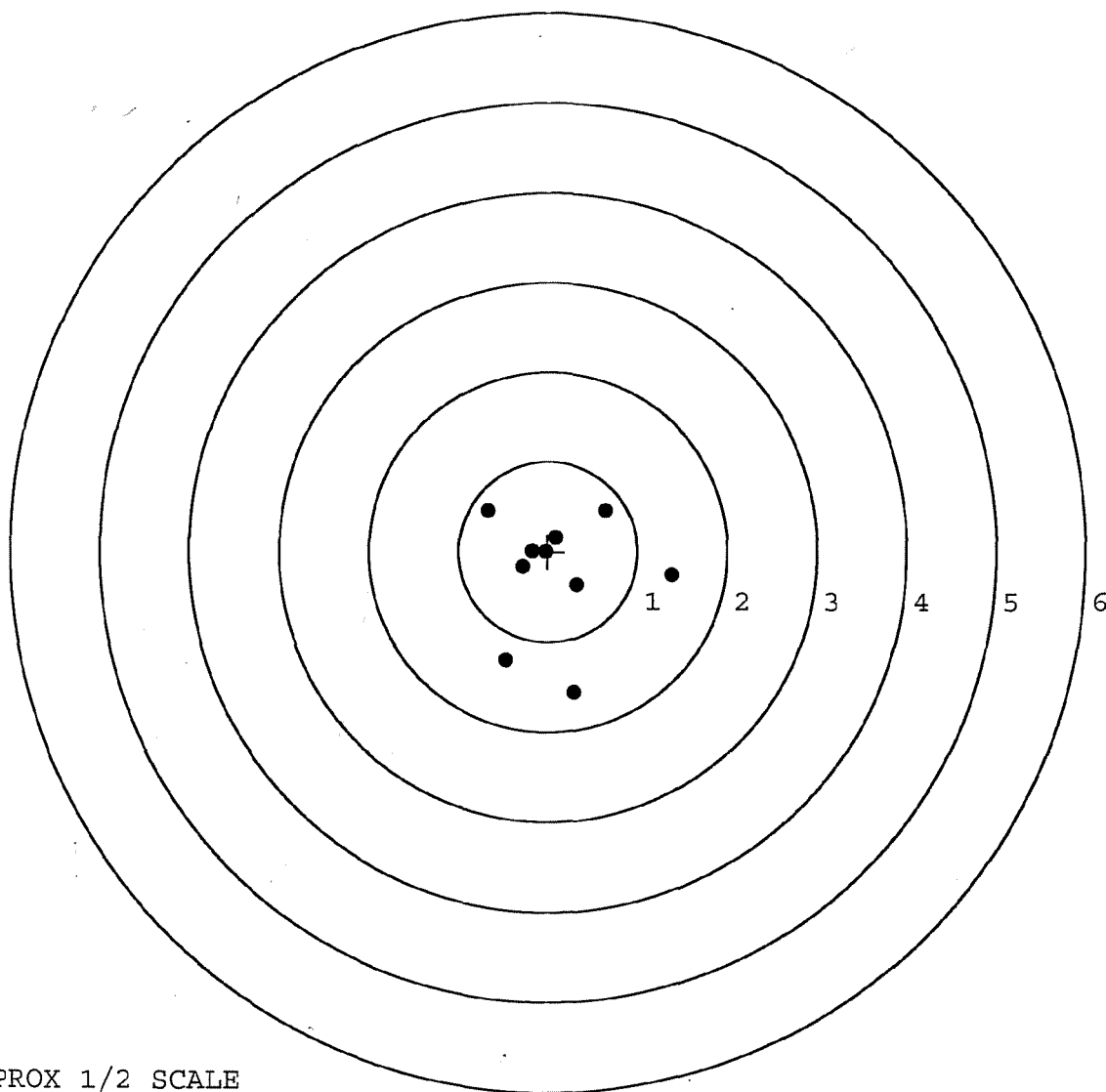
TARGET APPROX 1/2 SCALE

BARBER - M24 0151275

SERIAL NUMBER: G6414376. 1
 TARGET NUMBER: 5
 FILE DATE: 10/08/2005
 FILE TIME: 04:10

POINT#	X	Y
1:	0.299	-1.564
2:	-0.469	-1.202
3:	1.381	-0.261
4:	0.641	0.455
5:	0.321	-0.367
6:	0.089	0.158
7:	-0.025	0.003
8:	-0.178	0.013
9:	-0.285	-0.172
10:	-0.678	0.456

X CENTROID: 0.110
 Y CENTROID: -0.248
 POA TO CENTROID: 0.271
 HORZ SPREAD: 2.059
 VERT SPREAD: 2.020
 GROUP SPREAD: 2.244
 MIN RADIUS: 0.243
 MAX RADIUS: 1.329
 MEAN RADIUS: 0.738
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE