

G 641 43 94

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



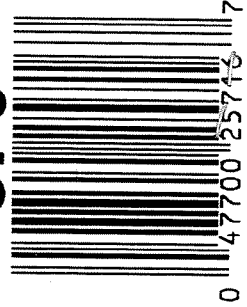
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6414394

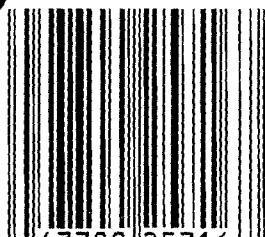
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M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

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SERIAL NO.



GS414394

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G641 4394

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		12-29-04	RTL
600	PROOF		12-29-04	A
607	CHECK HEADSPACE		12-29-04	A
610	DIS-ASSEMBLE GUN		12-30-04	RR
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		12-30-04	RR
615	ROLLMARK CALIBER		1-3-05	CH
617	DRILL AND TAP SIGHT HOLES		12-30-04	TRW
620	APPLY COATINGS (BARREL ACTION)		1/6/05	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-12-05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-12-05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-14-05	RTL
	D) OIL FIRING PIN ASSEMBLY		1-14-05	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP # OPERATION NAME		READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE. 2 LBS MIN 10 LBS MAX	<u>7.5</u>	<u>7.5</u>	<u>7.0</u>	1-18-05	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	1-18-05	DA
	H) TRIGGER PULL TEST AND RETAINABILITY					I
	I) FIRING PIN INDENT .020 MIN	<u>.021.5</u>	<u>.022</u>	<u>.022</u>	1-18-05	DA
	J) ASSEMBLE STOCK				1-14-05	RTZ
	K) ASSEMBLE SWIVEL STUDS				1-18-05	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					
	M) IRON SIGHT ALIGNMENT	N/A.				
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					
640	GALLERY TEST AND TARGET	PASS	FAIL		1-17-05	AC
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
645	INSPECT FOR LIVE AMMO				1-17-05	AG
655	FINAL INSPECTION A) HEADSPACE				1-18-05	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.25</u>	<u>2.17</u>	<u>2.16</u> <u>2.18</u> <u>2.18</u>	1-18-05	DA
	C) FUNCTION				1-18-05	RTZ
660	PACK				1-19-05	DA

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

INITIAL PULL TESTS
BARBER - M24 0151562

2.50 LBS (plus or minus 0.50 LBS)

DATE 12-1-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRL

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.40	2.41		2.24	
PULL #2	2.51	2.32		2.23	
PULL #3	2.52	2.41		2.28	
PULL #4	2.62	2.42		2.28	
PULL #5	2.59	2.40		2.27	
TOTAL	12.64	11.96		11.30	
AVERAGE	2.52	2.39		2.26	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.24		
PULL #2	3.22	3.32		
PULL #3	3.24	3.28		
PULL #4	3.21	3.25		
PULL #5	3.19	3.19		
TOTAL	16.11	16.28		
AVERAGE	3.22	3.25		

	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	4.39	4.14		4.18
PULL #2	4.35	4.20		4.23
PULL #3	4.38	4.13		4.20
PULL #4	4.36	4.19		4.21
PULL #5	4.21	3.98		4.21
TOTAL	21.69	20.64		21.03
AVERAGE	4.33	4.12		4.20

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414394.__1
FILE DATE AND TIME: 10/06/2005 18:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	-0.084
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.785
The Distance from POA to Centroid Target #1:	0.150
The Distance from Centroid Target #2 to Centroid Target #1:	0.306
The Distance from Centroid Target #3 to Centroid Target #1:	0.362
The Distance from Centroid Target #4 to Centroid Target #1:	0.077
The Distance from Centroid Target #5 to Centroid Target #1:	0.359

SERIAL NUMBER: G6414394. 1

TARGET NUMBER: 1

FILE DATE: 10/06/2005

FILE TIME: 18:06

X CENTROID: 0.106

Y CENTROID: 0.107

POA TO CENTROID: 0.150

HORZ SPREAD: 1.746

VERT SPREAD: 1.850

GROUP SPREAD: 1.955

MIN RADIUS: 0.342

MAX RADIUS: 1.218

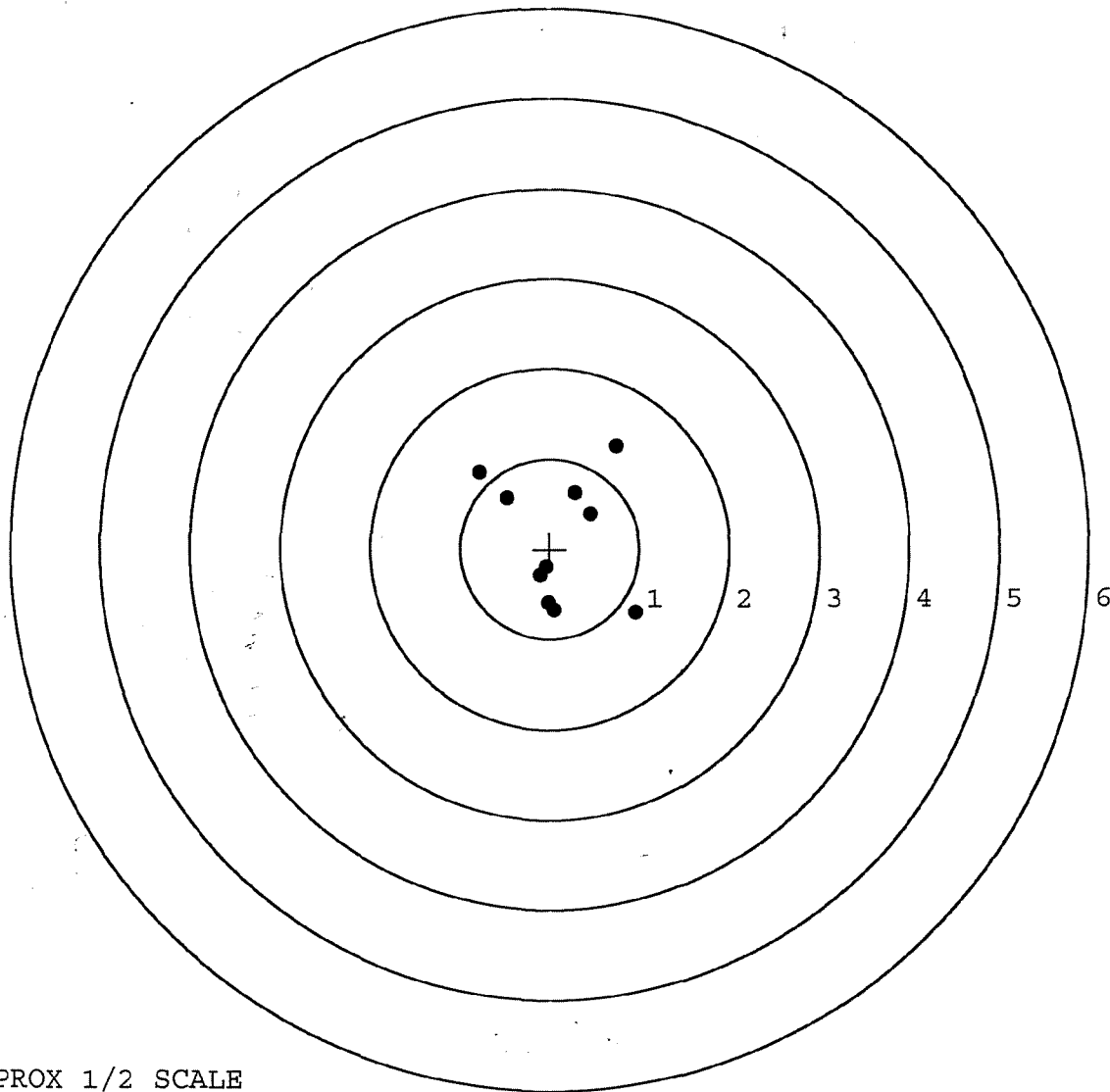
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.044	-0.201
2:	-0.109	-0.297
3:	-0.018	-0.603
4:	0.051	-0.685
5:	0.957	-0.710
6:	0.455	0.388
7:	0.286	0.622
8:	0.752	1.140
9:	-0.483	0.564
10:	-0.789	0.852



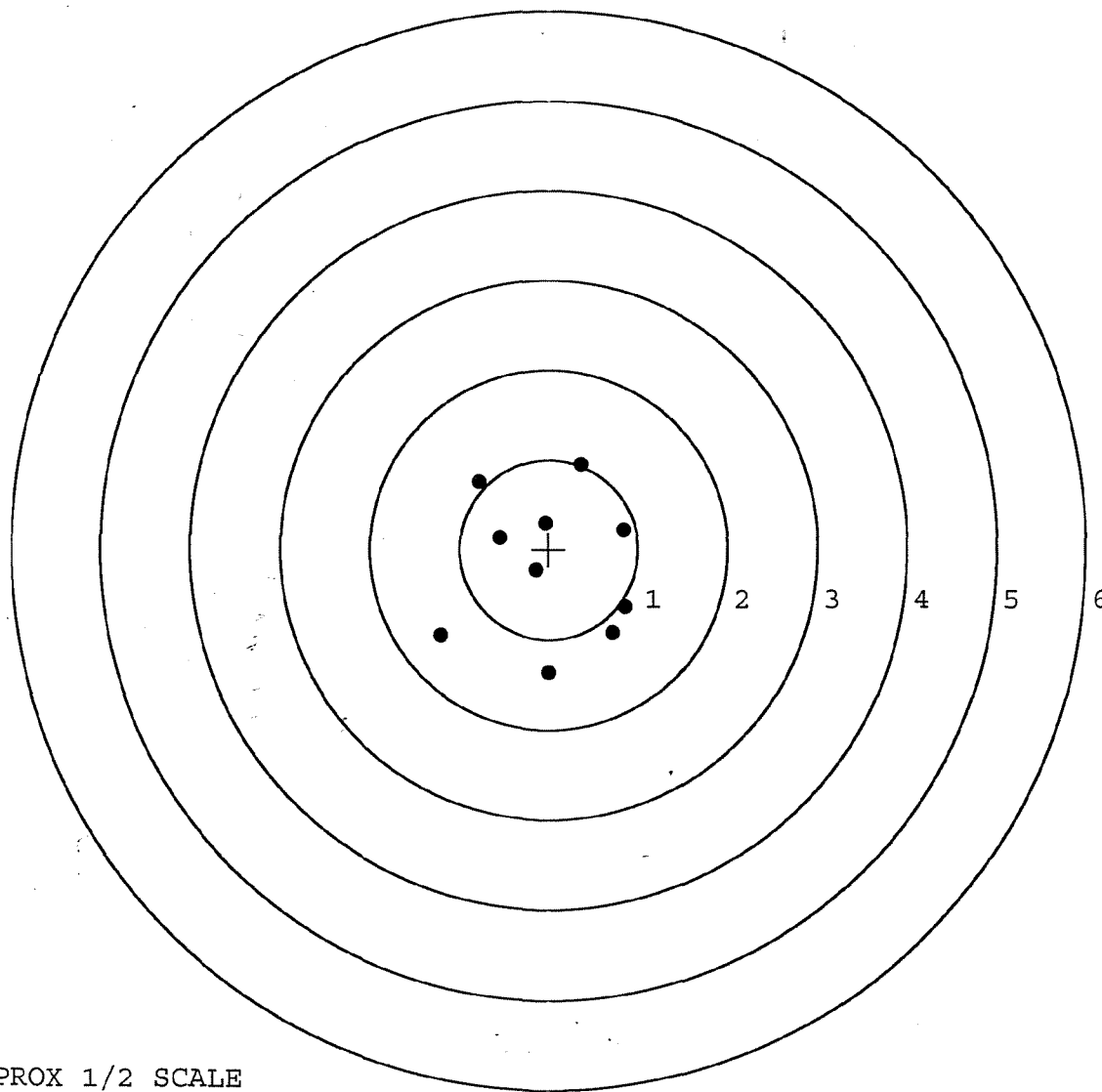
TARGET APPROX 1/2 SCALE

BARBER - M24 0151565

SERIAL NUMBER: G6414394. 1
 TARGET NUMBER: 2
 FILE DATE: 10/06/2005
 FILE TIME: 18:06

POINT#	X	Y
1:	-0.143	-0.234
2:	-0.552	0.125
3:	-0.045	0.287
4:	-0.790	0.748
5:	0.856	-0.640
6:	0.716	-0.932
7:	0.006	-1.371
8:	-1.212	-0.963
9:	0.834	0.216
10:	0.364	0.952

X CENTROID: 0.003
 Y CENTROID: -0.181
 POA TO CENTROID: 0.181
 HORZ SPREAD: 2.068
 VERT SPREAD: 2.323
 GROUP SPREAD: 2.480
 MIN RADIUS: 0.156
 MAX RADIUS: 1.445
 MEAN RADIUS: 0.923
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0151566

SERIAL NUMBER: G6414394: 1

TARGET NUMBER: 3

FILE DATE: 10/06/2005

FILE TIME: 18:06

POINT#	X	Y
1:	-0.042	-0.200
2:	-0.102	-0.428
3:	0.125	-0.291
4:	0.094	-0.735
5:	0.779	-0.709
6:	0.841	0.238
7:	-0.073	0.518
8:	-0.337	0.577
9:	-0.737	-0.358
10:	1.622	-0.989

X CENTROID: 0.217

Y CENTROID: -0.238

POA TO CENTROID: 0.322

HORZ SPREAD: 2.359

VERT SPREAD: 1.566

GROUP SPREAD: 2.508

MIN RADIUS: 0.106

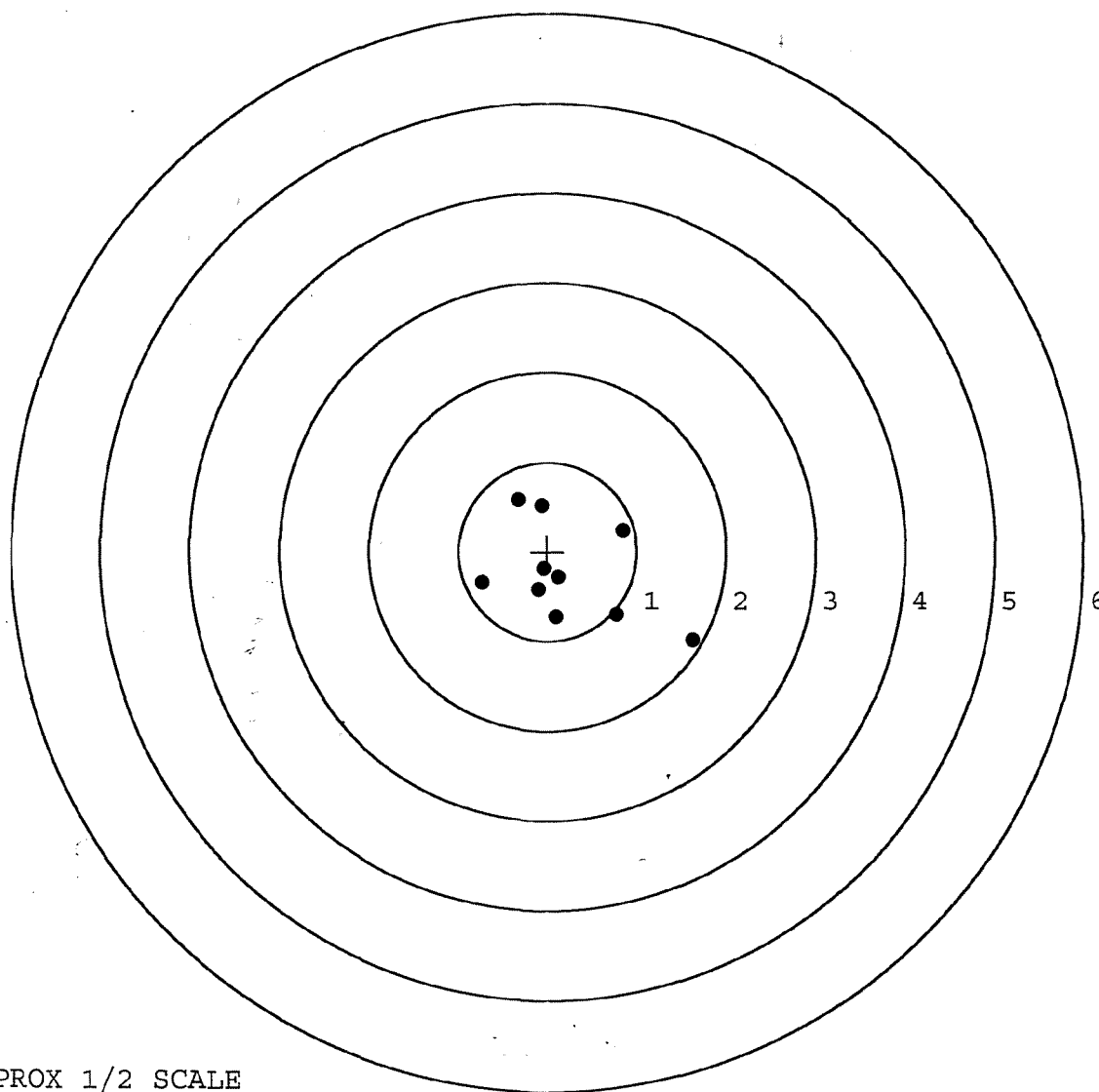
MAX RADIUS: 1.593

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



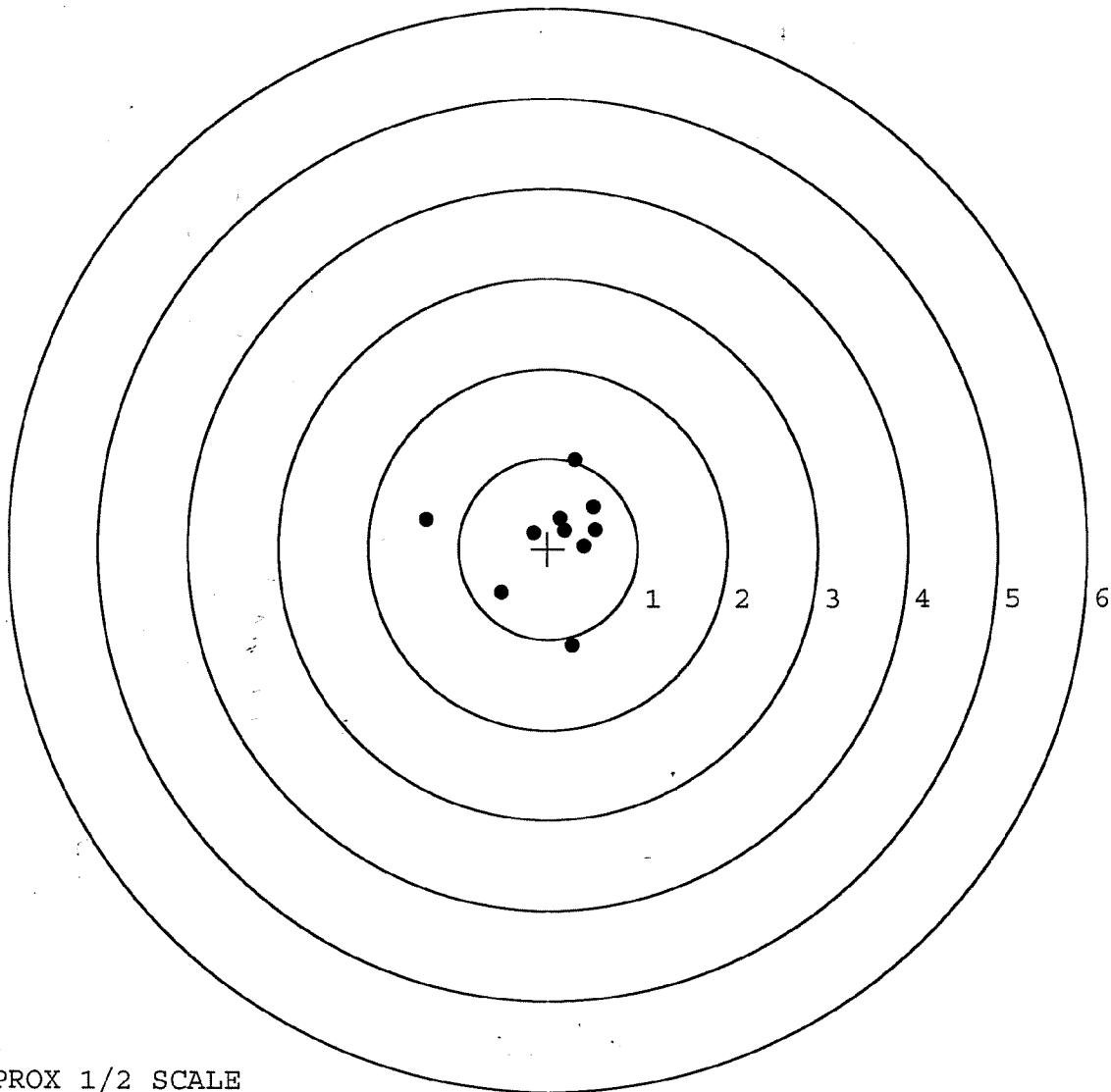
TARGET APPROX 1/2 SCALE

BARBER - M24 0151567

SERIAL NUMBER: G6414394: __1
 TARGET NUMBER: 4
 FILE DATE: 10/06/2005
 FILE TIME: 18:06

POINT#	X	Y
1:	-0.166	0.177
2:	0.137	0.339
3:	0.188	0.201
4:	0.401	0.027
5:	0.532	0.208
6:	0.507	0.461
7:	0.305	0.986
8:	-1.355	0.320
9:	-0.526	-0.492
10:	0.271	-1.069

X CENTROID: 0.029
 Y CENTROID: 0.116
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.887
 VERT SPREAD: 2.055
 GROUP SPREAD: 2.139
 MIN RADIUS: 0.180
 MAX RADIUS: 1.399
 MEAN RADIUS: 0.646
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414394. 1

TARGET NUMBER: 5

FILE DATE: 10/06/2005

FILE TIME: 18:06

POINT#	X	Y
1:	1.078	-0.652
2:	1.153	-0.041
3:	0.312	0.358
4:	0.369	0.714
5:	-0.483	0.681
6:	-0.242	-0.531
7:	-0.044	-0.289
8:	-0.508	-1.198
9:	-0.654	-0.908
10:	-1.290	-0.381

X CENTROID: -0.031

Y CENTROID: -0.225

POA TO CENTROID: 0.227

HORZ SPREAD: 2.443

VERT SPREAD: 1.912

GROUP SPREAD: 2.467

MIN RADIUS: 0.066

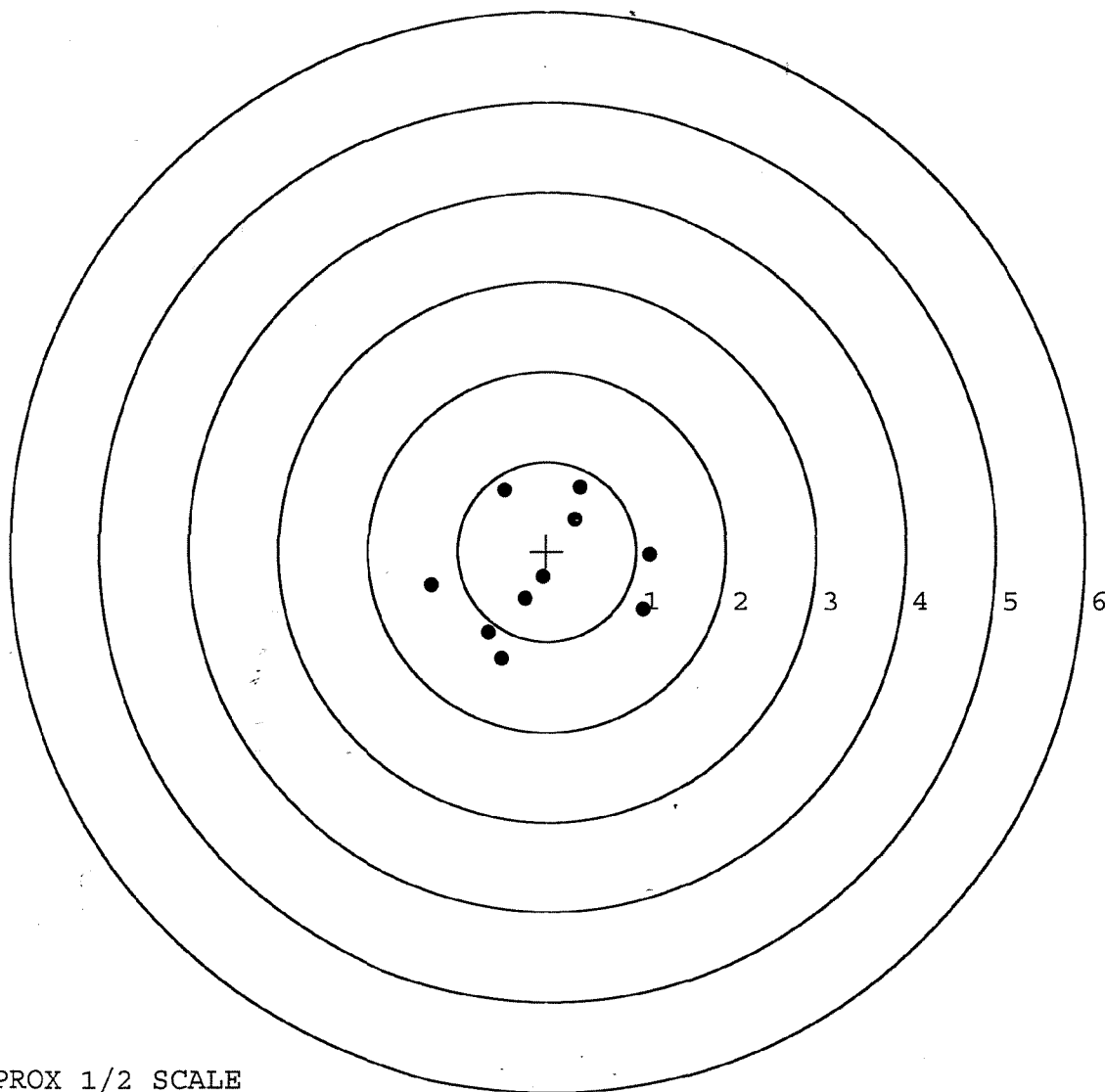
MAX RADIUS: 1.269

MEAN RADIUS: 0.881

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE