

G-663-7757

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



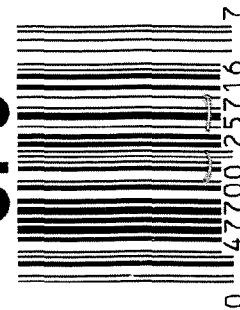
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6637757

UPC



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

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UPC



SERIAL NO.



GUN SERIAL # 66637757

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RTZ
420	ASSEMBLE ACTION		3-12-07	SPD
430	ASSEMBLE TO STOCK		3-12-07	SPD
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 15 2007	3-14-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>WMS</u>	3/15/07	WMS
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CIN
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	UB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-27-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/29/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/2/07	WMS
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	4/2/07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	4/2/07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		4/2/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.023.5</u>	4/2/07	DA
	J) ASSEMBLE STOCK		3/29/07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		4/5/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/5/07	non
	M) IRON SIGHT ALIGNMENT		4/5/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/5/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3/30/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-30-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/5/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.52</u> <u>2.61</u> <u>2.62</u> <u>2.52</u>	4/2/07	DA
	C) FUNCTION		4/5/07	non
690	PACK			

F004 REV 5/2006

BARBER - M24 0145951

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 3/29/07

TESTER mc

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	256	247	✓	258	
PULL #2	250	261		262	
PULL #3	256	257		259	
PULL #4	262	259		256	
PULL #5	262	260		262	
TOTAL	1280	1284		1297	
AVERAGE	256	257		259	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	308		
PULL #2	304	300		
PULL #3	304	299		
PULL #4	316	311		
PULL #5	304	296		
TOTAL	1537	1514		
AVERAGE	307	303		

	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	4.01	4.11		4.02
PULL #2	4.06	4.20		4.06
PULL #3	4.10	4.00		4.01
PULL #4	4.13	4.23		3.95
PULL #5	4.09	4.20		4.05
TOTAL	20.39	20.74		20.09
AVERAGE	4.08	4.15		4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637757.___0
FILE DATE AND TIME: 03/30/2007 22:44

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:	0.056
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.817
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.338
The Distance from Centroid Target #4 to Centroid Target #1:	0.289
The Distance from Centroid Target #5 to Centroid Target #1:	0.288

BARBER - M24 0145953

SERIAL NUMBER: G6637757. __ 0

TARGET NUMBER: 1

FILE DATE: 03/30/2007

FILE TIME: 22:44

X CENTROID: 0.026

Y CENTROID: 0.126

POA TO CENTROID: 0.128

HORZ SPREAD: 2.485

VERT SPREAD: 2.365

GROUP SPREAD: 3.346

MIN RADIUS: 0.189

MAX RADIUS: 1.686

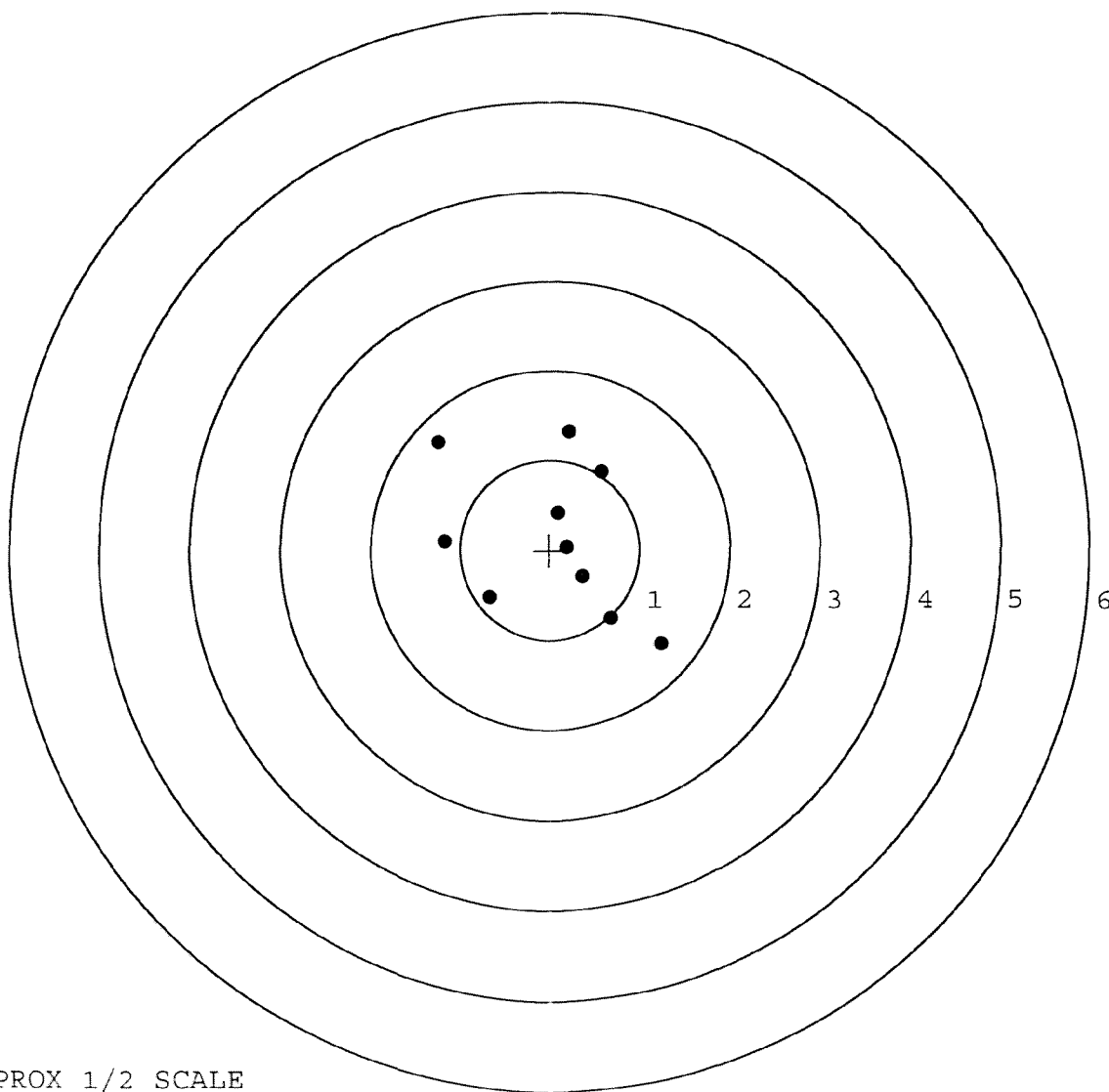
MEAN RADIUS: 0.979

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.250	1.190
2:	0.214	1.315
3:	0.583	0.863
4:	0.088	0.420
5:	0.371	-0.301
6:	0.686	-0.769
7:	1.235	-1.050
8:	-0.672	-0.527
9:	-1.181	0.088
10:	0.188	0.027



TARGET APPROX 1/2 SCALE

BARBER - M24 0145954

SERIAL NUMBER: G6637757. __0

TARGET NUMBER: 2

FILE DATE: 03/30/2007

FILE TIME: 22:44

X CENTROID: 0.127

Y CENTROID: 0.051

POA TO CENTROID: 0.137

HORZ SPREAD: 1.551

VERT SPREAD: 2.038

GROUP SPREAD: 2.210

MIN RADIUS: 0.036

MAX RADIUS: 1.195

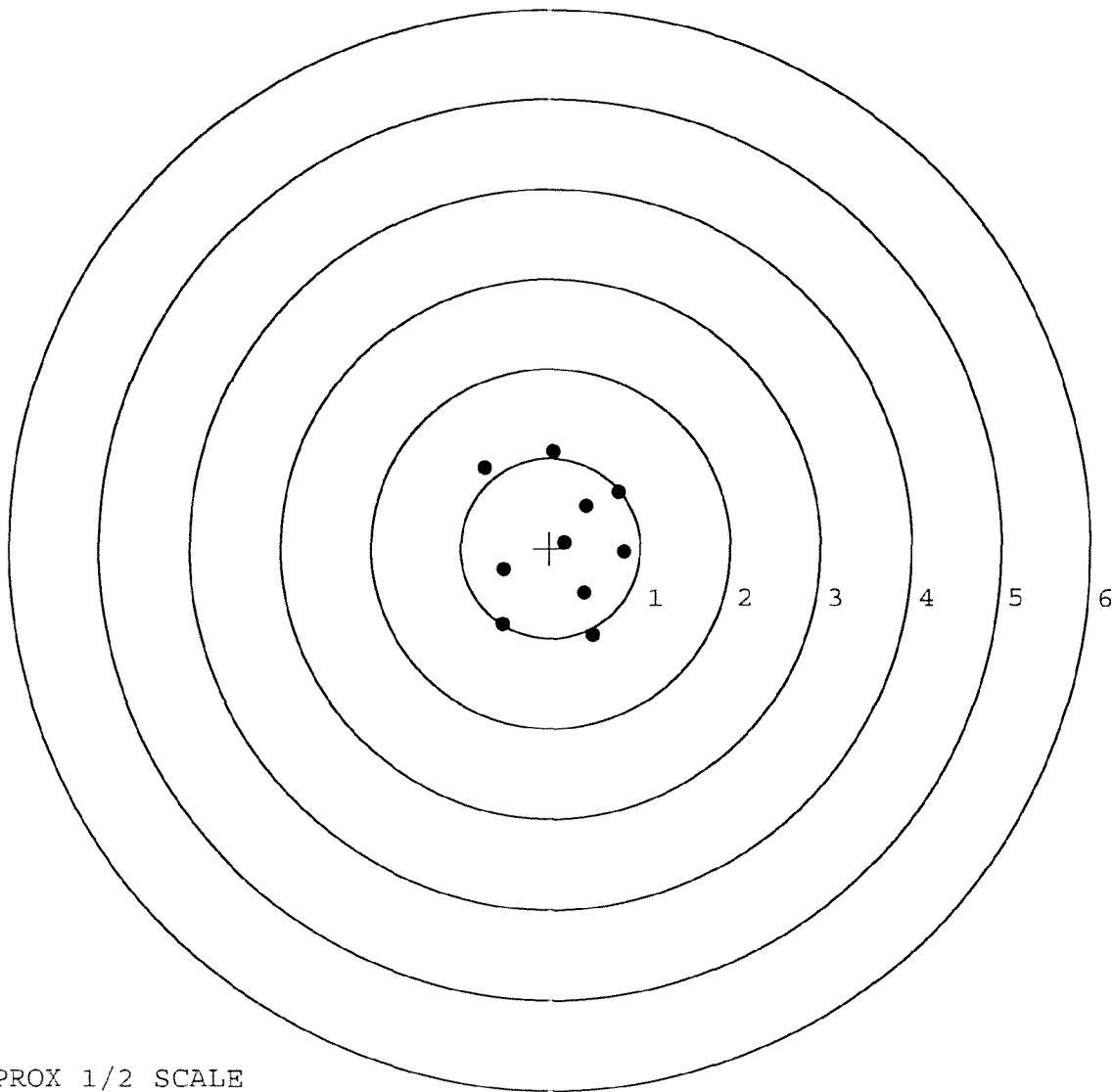
MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.727	0.887
2:	0.046	1.070
3:	0.400	0.472
4:	0.755	0.624
5:	0.824	-0.045
6:	0.384	-0.494
7:	0.474	-0.968
8:	-0.533	-0.852
9:	-0.518	-0.240
10:	0.162	0.055



TARGET APPROX 1/2 SCALE

BARBER - M24 0145955

SERIAL NUMBER: G6637757. 0

TARGET NUMBER: 3

FILE DATE: 03/30/2007

FILE TIME: 22:44

POINT#	X	Y
1:	-2.376	0.465
2:	-0.784	0.663
3:	-0.259	0.624
4:	0.085	0.508
5:	0.188	1.014
6:	0.350	0.811
7:	0.529	0.742
8:	0.560	-0.158
9:	-0.377	-0.256
10:	-0.152	-0.883

X CENTROID: -0.224

Y CENTROID: 0.353

POA TO CENTROID: 0.418

HORZ SPREAD: 2.936

VERT SPREAD: 1.897

GROUP SPREAD: 3.001

MIN RADIUS: 0.273

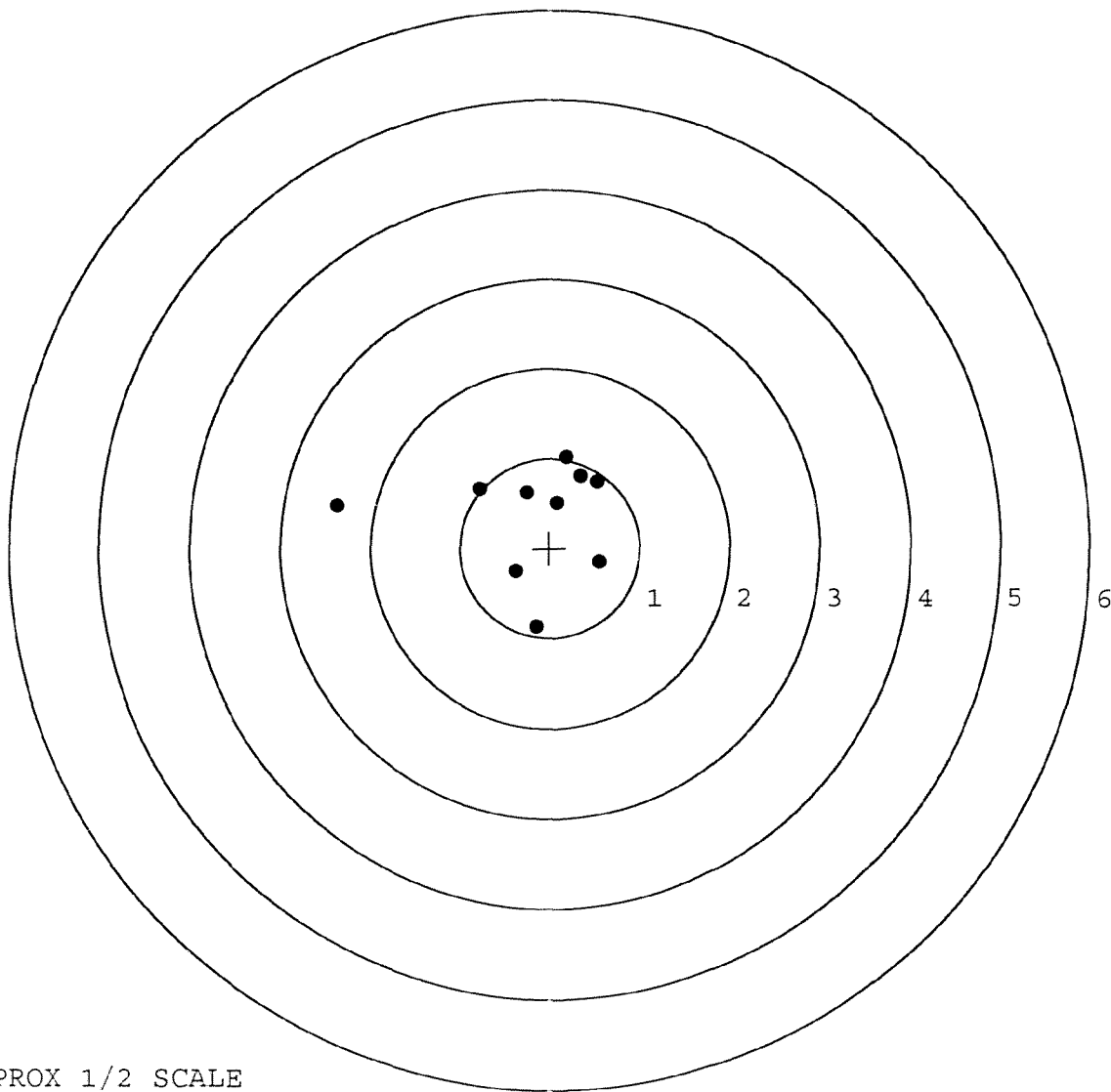
MAX RADIUS: 2.155

MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0145956

SERIAL NUMBER: G6637757. 0

TARGET NUMBER: 4

FILE DATE: 03/30/2007

FILE TIME: 22:44

POINT#	X	Y
1:	0.343	0.876
2:	0.967	0.492
3:	1.063	-0.894
4:	-0.125	-0.400
5:	-0.226	-0.175
6:	-0.464	-0.172
7:	-0.419	0.091
8:	-0.603	-0.051
9:	-0.897	-0.031
10:	-0.787	-1.004

X CENTROID: -0.115

Y CENTROID: -0.127

POA TO CENTROID: 0.171

HORZ SPREAD: 1.960

VERT SPREAD: 1.880

GROUP SPREAD: 2.142

MIN RADIUS: 0.121

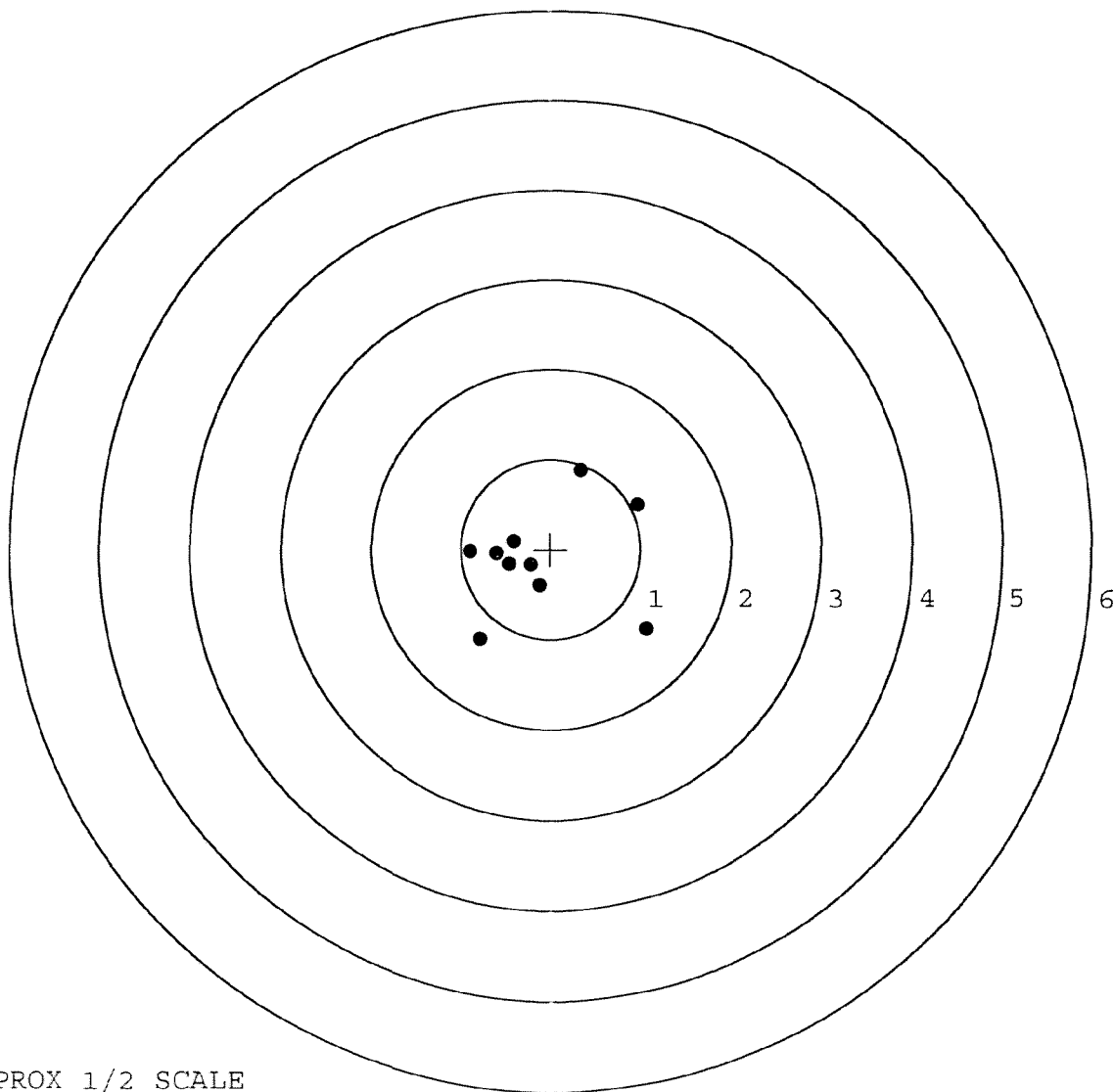
MAX RADIUS: 1.406

MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145957

SERIAL NUMBER: G6637757. 0

TARGET NUMBER: 5

FILE DATE: 03/30/2007

FILE TIME: 22:44

POINT#	X	Y
1:	-0.462	0.414
2:	0.107	0.449
3:	0.081	0.198
4:	0.383	0.233
5:	0.268	-0.310
6:	0.000	-0.219
7:	-0.174	-0.387
8:	-0.171	-1.062
9:	1.019	-0.686
10:	-2.197	0.118

X CENTROID: -0.115

Y CENTROID: -0.125

POA TO CENTROID: 0.170

HORZ SPREAD: 3.216

VERT SPREAD: 1.511

GROUP SPREAD: 3.315

MIN RADIUS: 0.148

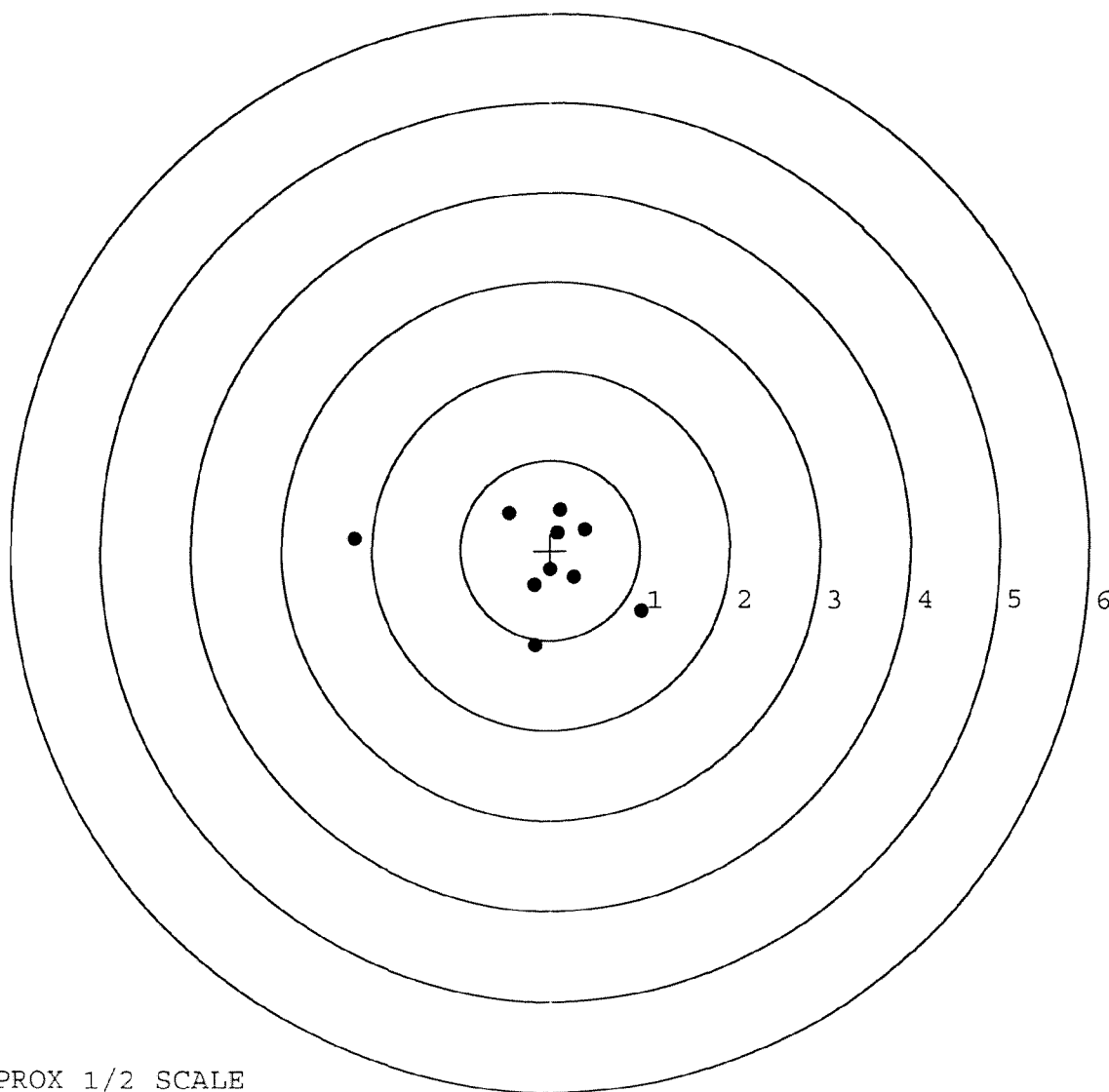
MAX RADIUS: 2.097

MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE