

G-6637648

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

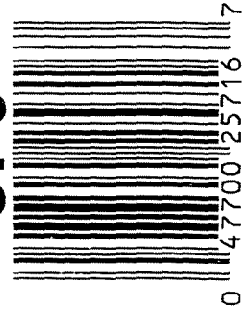
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637648

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



GUN SERIAL # 66637648

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>curms</u>	3/15/07	curms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
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		3-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	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		3/30/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	mm
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.75</u> <u>7.0</u> <u>6.75</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.024</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/30/07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		4/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/10/07	non
	M) IRON SIGHT ALIGNMENT		4/10/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/10/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-2-07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-2-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.54</u> <u>2.58</u> <u>2.54</u> <u>2.49</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4/13/07	PA

F004 REV 5/2006

BARBER - M24 0144099AVERAGE 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 3/29/07TESTER MMH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	259	264		262	
PULL #2	253	239		255	
PULL #3	257	231		263	
PULL #4	249	231		254	
PULL #5	244	253		257	
TOTAL	1262	1218		1291	
AVERAGE	252	244		258	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	304	311		
PULL #2	317	312		
PULL #3	312	326		
PULL #4	320	321		
PULL #5	319	330		
TOTAL	1572	1612		
AVERAGE	314	322		

	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	4.05	4.17		4.09
PULL #2	4.14	4.11		4.15
PULL #3	3.89	4.09		4.14
PULL #4	4.11	4.09		4.14
PULL #5	4.13	4.09		4.17
TOTAL	20.32	20.55		20.69
AVERAGE	4.06	4.11		4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637648.___0

FILE DATE AND TIME: 04/03/2007 00:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	0.028
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.202
The Distance from Centroid Target #2 to Centroid Target #1:	0.201
The Distance from Centroid Target #3 to Centroid Target #1:	0.415
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

BARBER - M24 0144101

SERIAL NUMBER: G6637648. 0

TARGET NUMBER: 1

FILE DATE: 04/03/2007

FILE TIME: 00:07

POINT#	X	Y
1:	-0.941	-0.067
2:	-0.499	-0.205
3:	-0.283	-0.275
4:	0.245	-0.596
5:	0.218	-0.204
6:	0.231	0.048
7:	0.275	0.312
8:	0.994	-0.208
9:	0.671	0.614
10:	0.522	1.999

X CENTROID: 0.143

Y CENTROID: 0.142

POA TO CENTROID: 0.202

HORZ SPREAD: 1.935

VERT SPREAD: 2.595

GROUP SPREAD: 2.610

MIN RADIUS: 0.128

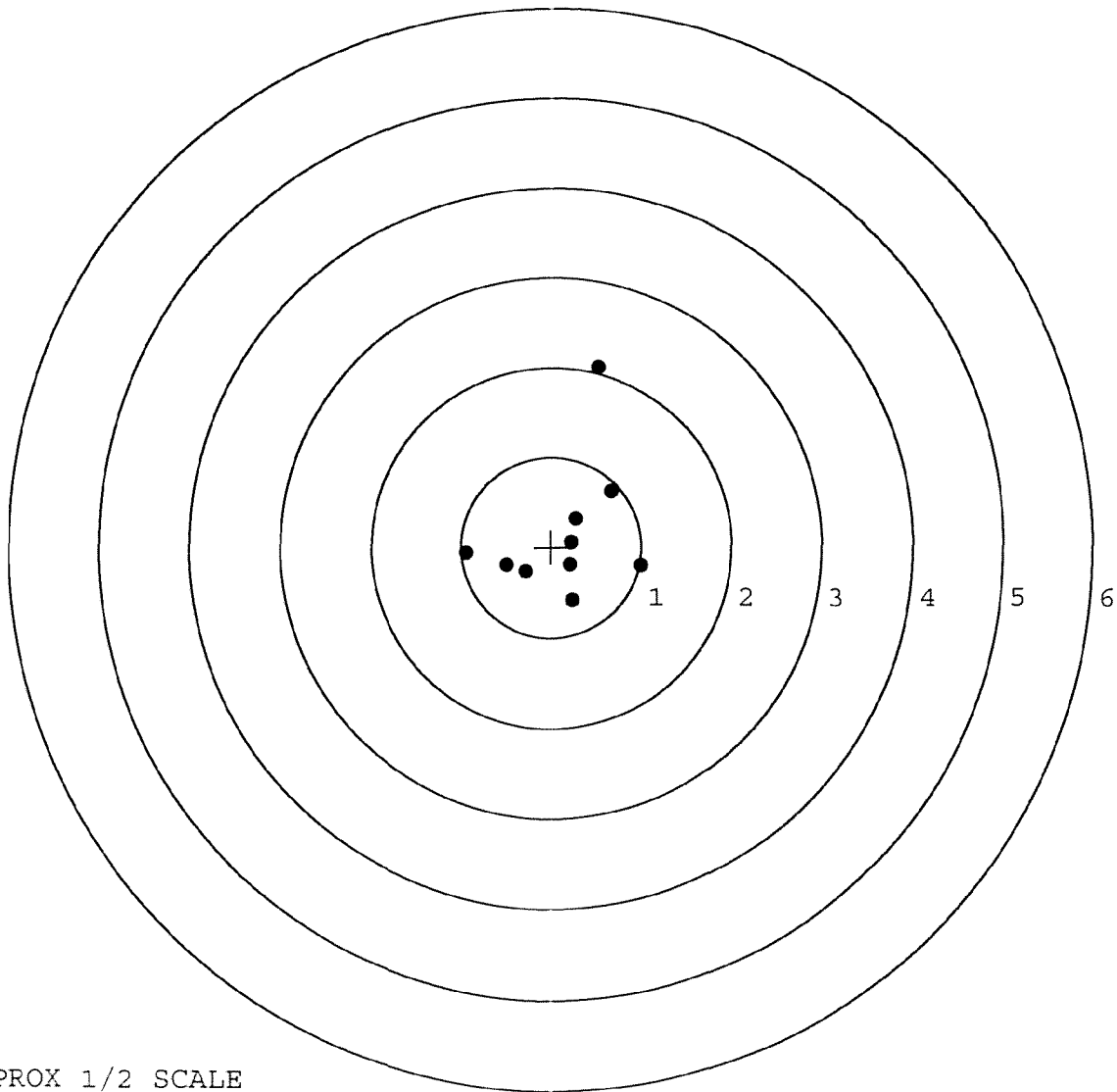
MAX RADIUS: 1.895

MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0144102

SERIAL NUMBER: G6637648. 0

TARGET NUMBER: 2

FILE DATE: 04/03/2007

FILE TIME: 00:07

POINT#	X	Y
1:	-0.787	0.412
2:	-0.503	-0.244
3:	0.128	-0.193
4:	-0.006	-0.629
5:	0.109	-1.104
6:	0.868	-0.288
7:	0.529	0.513
8:	0.130	0.676
9:	0.021	0.242
10:	-0.275	0.441

X CENTROID: 0.021

Y CENTROID: -0.017

POA TO CENTROID: 0.028

HORZ SPREAD: 1.655

VERT SPREAD: 1.780

GROUP SPREAD: 1.780

MIN RADIUS: 0.205

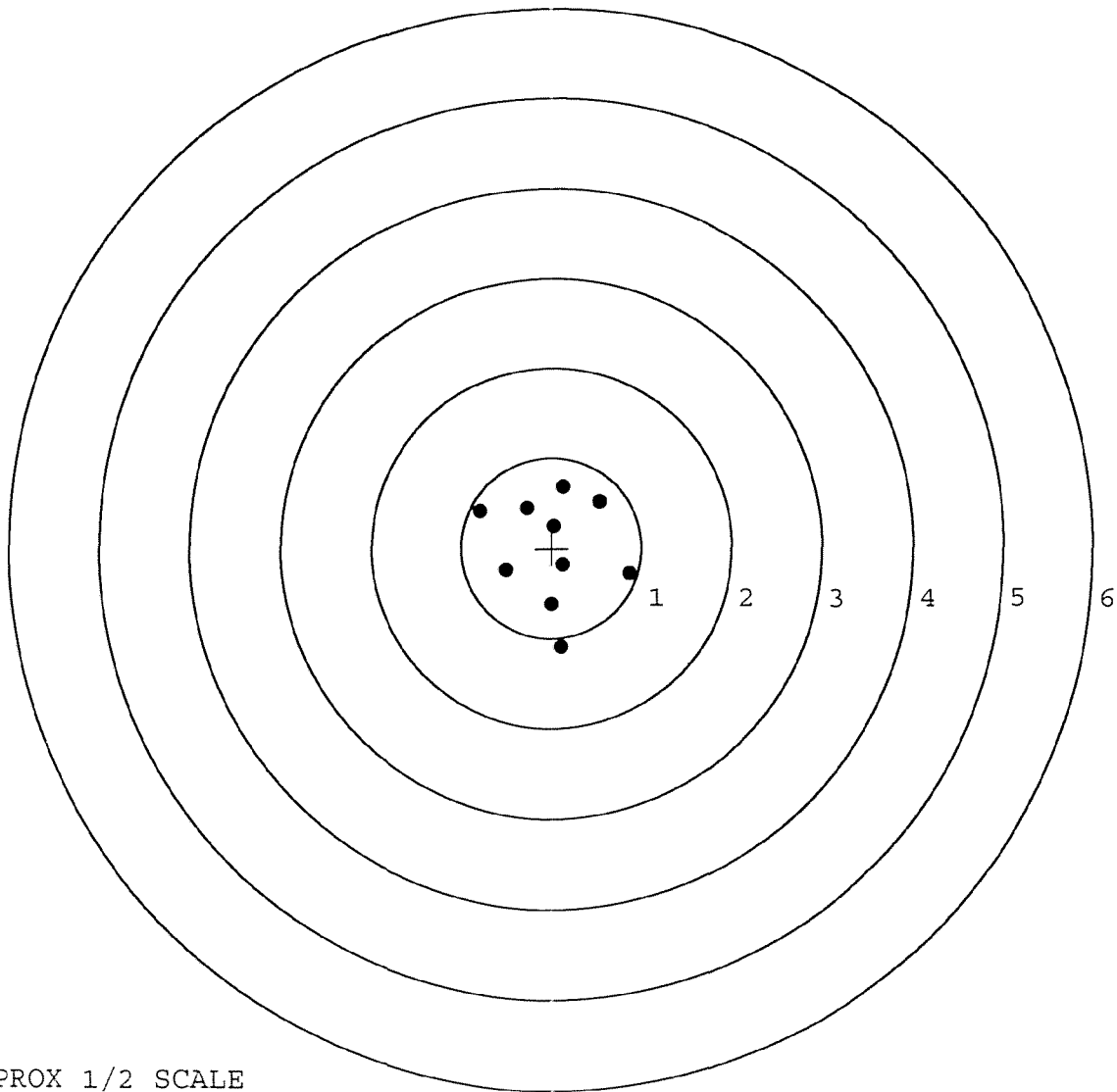
MAX RADIUS: 1.090

MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



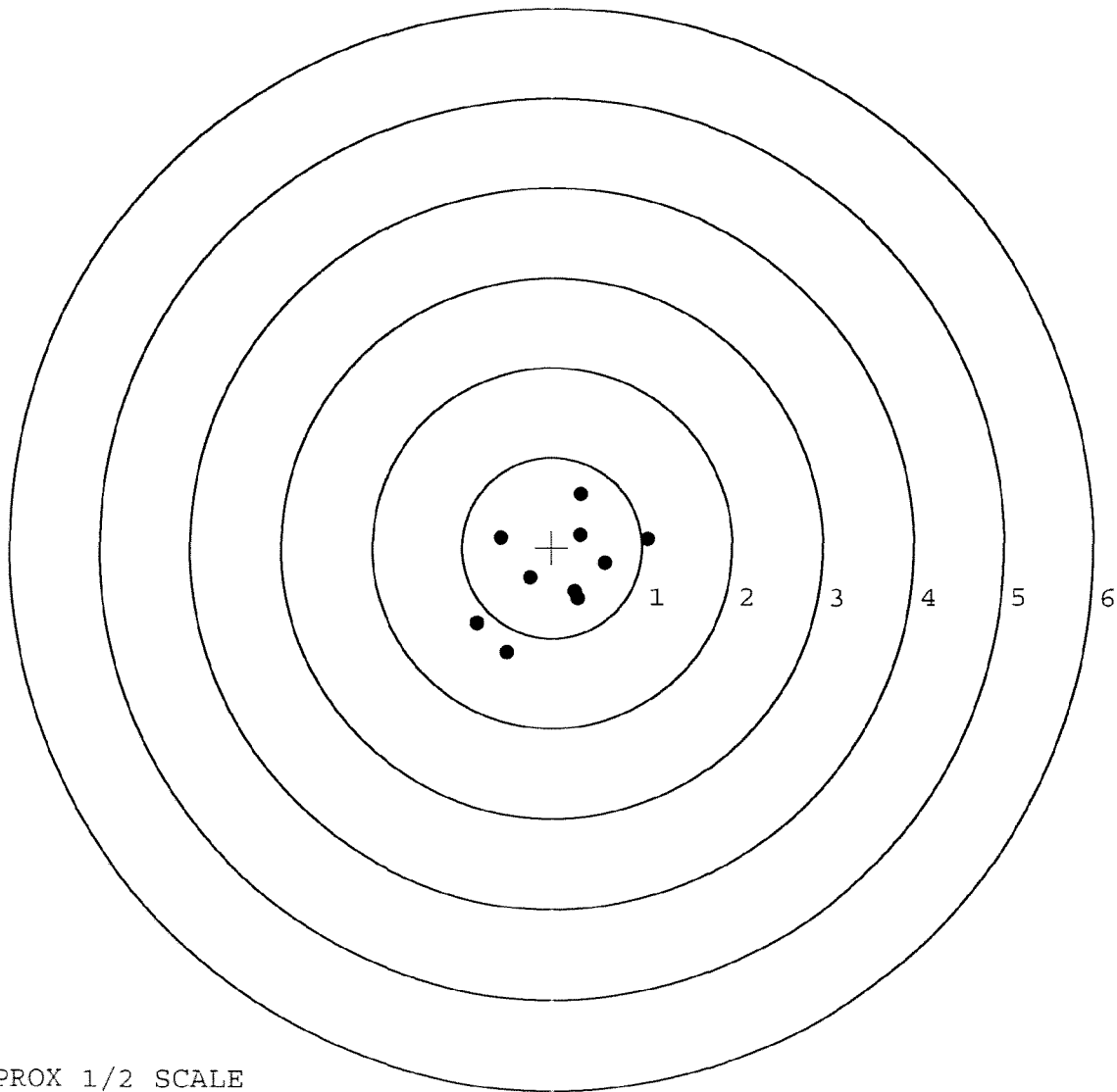
TARGET APPROX 1/2 SCALE

BARBER - M24 0144103

SERIAL NUMBER: G6637648. 0
 TARGET NUMBER: 3
 FILE DATE: 04/03/2007
 FILE TIME: 00:07

POINT#	X	Y
1:	0.314	0.592
2:	0.310	0.135
3:	0.589	-0.180
4:	1.063	0.089
5:	0.255	-0.491
6:	-0.241	-0.340
7:	-0.576	0.107
8:	-0.836	-0.835
9:	-0.503	-1.166
10:	0.287	-0.569

X CENTROID: 0.066
 Y CENTROID: -0.266
 POA TO CENTROID: 0.274
 HORZ SPREAD: 1.899
 VERT SPREAD: 1.758
 GROUP SPREAD: 2.112
 MIN RADIUS: 0.294
 MAX RADIUS: 1.067
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144104

SERIAL NUMBER: G6637648. __ 0

TARGET NUMBER: 4

FILE DATE: 04/03/2007

FILE TIME: 00:07

POINT#	X	Y
1:	0.019	0.651
2:	0.012	0.281
3:	-0.286	0.055
4:	-0.278	-0.340
5:	0.007	-0.065
6:	0.446	-0.320
7:	0.554	0.030
8:	0.712	0.370
9:	0.774	1.410
10:	-0.822	0.626

X CENTROID: 0.114

Y CENTROID: 0.270

POA TO CENTROID: 0.293

HORZ SPREAD: 1.596

VERT SPREAD: 1.750

GROUP SPREAD: 2.042

MIN RADIUS: 0.102

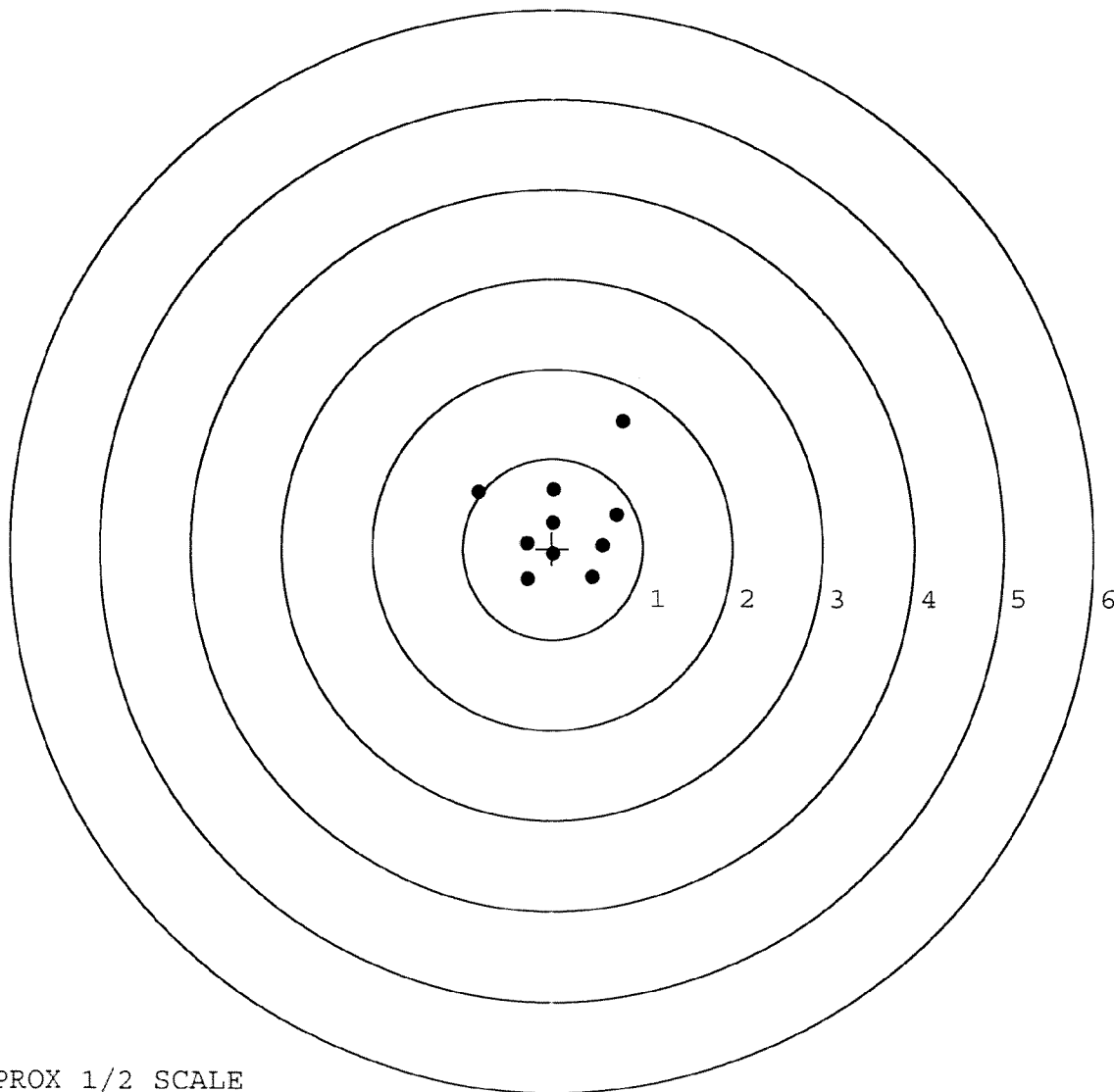
MAX RADIUS: 1.318

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144105

SERIAL NUMBER: G6637648. __ 0

TARGET NUMBER: 5

FILE DATE: 04/03/2007

FILE TIME: 00:07

POINT#	X	Y
1:	-0.677	0.649
2:	-0.511	0.321
3:	-0.008	0.184
4:	-0.142	-0.069
5:	-0.197	-0.245
6:	-0.307	-0.543
7:	0.204	0.041
8:	0.473	-0.159
9:	0.602	-0.260
10:	0.869	0.205

X CENTROID: 0.031

Y CENTROID: 0.012

POA TO CENTROID: 0.033

HORZ SPREAD: 1.546

VERT SPREAD: 1.192

GROUP SPREAD: 1.608

MIN RADIUS: 0.176

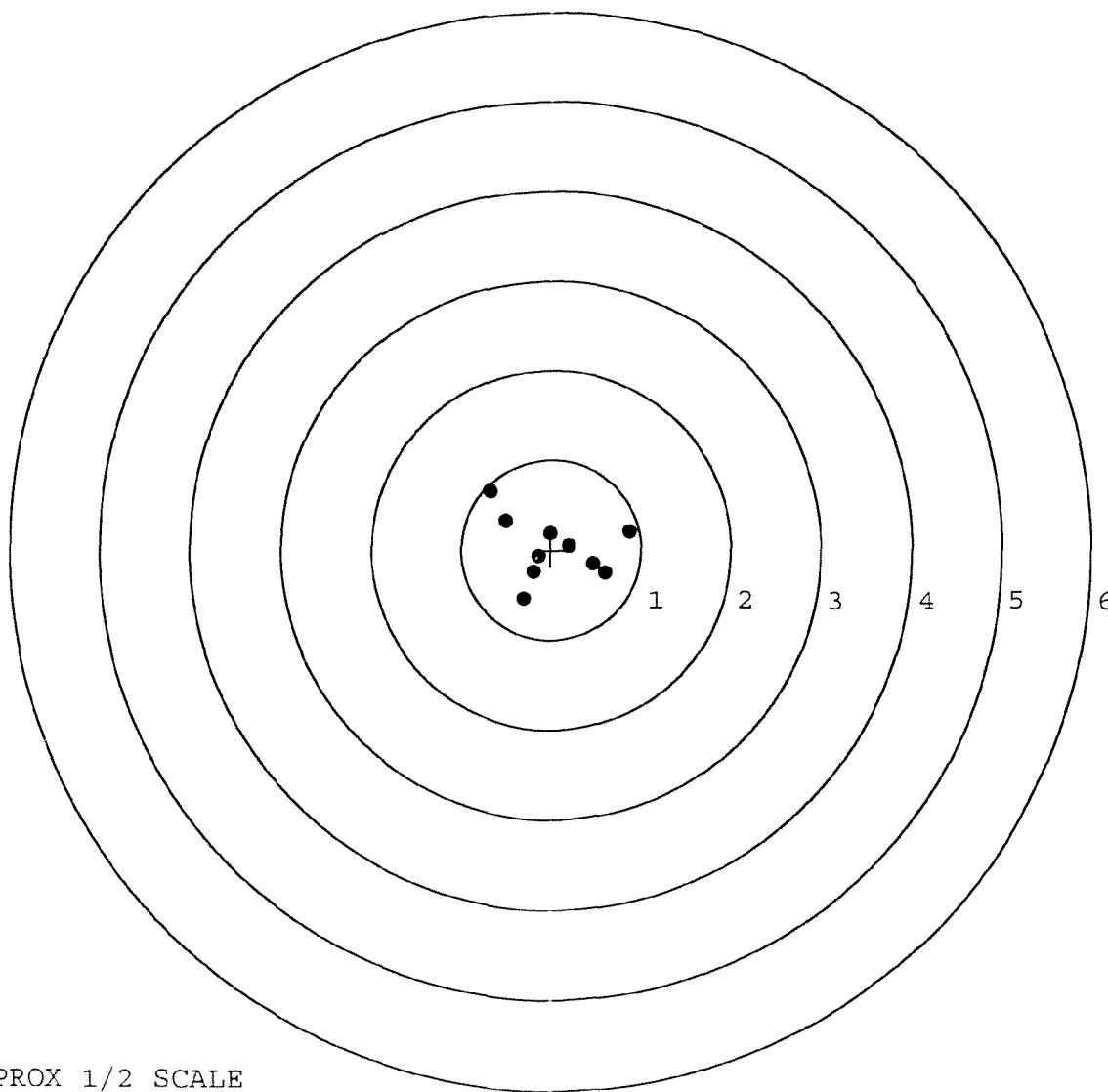
MAX RADIUS: 0.952

MEAN RADIUS: 0.508

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE