

G6637715

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



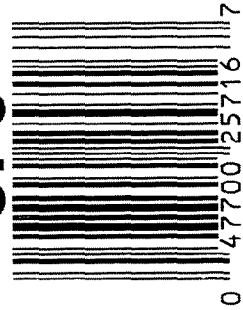
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637715

UPC



DD, FORM

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

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SERIAL NO.



GUN SERIAL # G 6637715

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	RTZ
420	ASSEMBLE ACTION		4/13/07	APD
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF	MAGNA - FLUX	4-16-07	FM
460	CHECK HEADSPACE	APR 19 2007	4-16-07	FM
470	DIS-ASSEMBLE ACTION		4-16-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR APD	4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-19-07	CD
510	DRILL AND TAP SIGHT HOLES		4-18-07	SD
520	GOFF BLAST BBL / REC		4/19/07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4/25/07	WR
560	RE-ASSEMBLE ACTION		4-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		4/30/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	5/20/07	TRW

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>60</u> <u>60</u> <u>55</u>	5/25/07	DA
CONT	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>35</u>	5-25-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>1025</u> <u>1025</u> <u>1024</u>	5-25-07	DA
	J) ASSEMBLE STOCK		4/30/07	PPD
	K) ASSEMBLE SWIVEL STUDS		6-13-07	PPD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	mm
	M) IRON SIGHT ALIGNMENT		6/8/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	5/11/07	mm
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		5-11-07	SD
670	FINAL INSPECTION A) HEADSPACE		6/8/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>258</u> <u>230</u> <u>254</u> <u>236</u> <u>245</u>	5/22/07	mm
	C) FUNCTION		6/8/07	mm
690	PACK		6/5/07	DA

F004 REV 5/2006

BARBER - M24 0145230
**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 4-30-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.30		2.31	
PULL #2	2.54	2.41		2.43	
PULL #3	2.45	2.43		2.42	
PULL #4	2.50	2.46		2.43	
PULL #5	2.49	2.47		2.39	
TOTAL	12.59	12.07		11.98	
AVERAGE	2.51	2.41		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.17		
PULL #2	3.22	3.14		
PULL #3	3.18	3.32		
PULL #4	3.11	3.14		
PULL #5	3.16	3.18		
TOTAL	15.95	15.95		
AVERAGE	3.19	3.19		

	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	4.09	4.30		4.26
PULL #2	4.28	4.12		4.18
PULL #3	4.13	4.15		4.31
PULL #4	4.15	4.24		4.20
PULL #5	4.32	4.16		4.28
TOTAL	20.97	20.97		21.23
AVERAGE	4.19	4.19		4.24

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637715.__0
FILE DATE AND TIME: 05/11/2007 21:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	0.035
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.315
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.324
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

BARBER - M24 0145232

SERIAL NUMBER: G6637715. __0

TARGET NUMBER: 1

FILE DATE: 05/11/2007

FILE TIME: 21:12

POINT#	X	Y
1:	-0.300	0.607
2:	0.561	1.074
3:	-0.832	-0.023
4:	-0.171	-0.020
5:	0.359	-0.058
6:	0.823	0.196
7:	-0.109	-0.471
8:	0.140	-1.019
9:	0.362	-1.533

X CENTROID: 0.093

Y CENTROID: -0.139

POA TO CENTROID: 0.167

HORZ SPREAD: 1.655

VERT SPREAD: 2.607

GROUP SPREAD: 2.615

MIN RADIUS: 0.278

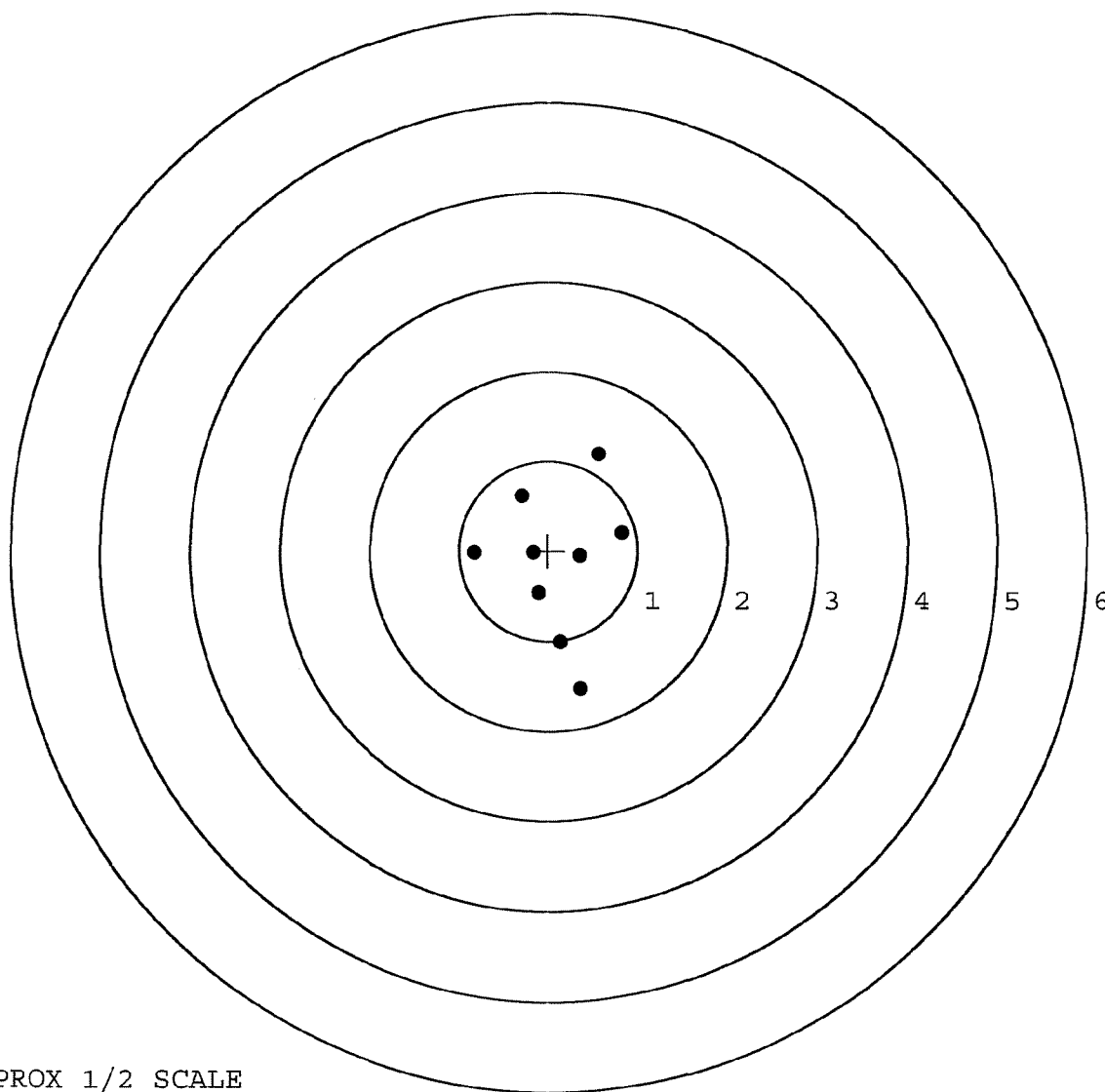
MAX RADIUS: 1.420

MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0145233

SERIAL NUMBER: G6637715. __ 0

TARGET NUMBER: 2

FILE DATE: 05/11/2007

FILE TIME: 21:12

POINT#	X	Y
1:	-0.374	0.790
2:	-0.045	0.640
3:	0.309	1.091
4:	0.629	-0.137
5:	0.175	0.101
6:	-0.272	0.070
7:	-0.308	-0.506
8:	0.242	-0.514
9:	-0.037	-0.218
10:	-1.029	-0.006

X CENTROID: -0.071

Y CENTROID: 0.131

POA TO CENTROID: 0.149

HORZ SPREAD: 1.658

VERT SPREAD: 1.605

GROUP SPREAD: 1.730

MIN RADIUS: 0.210

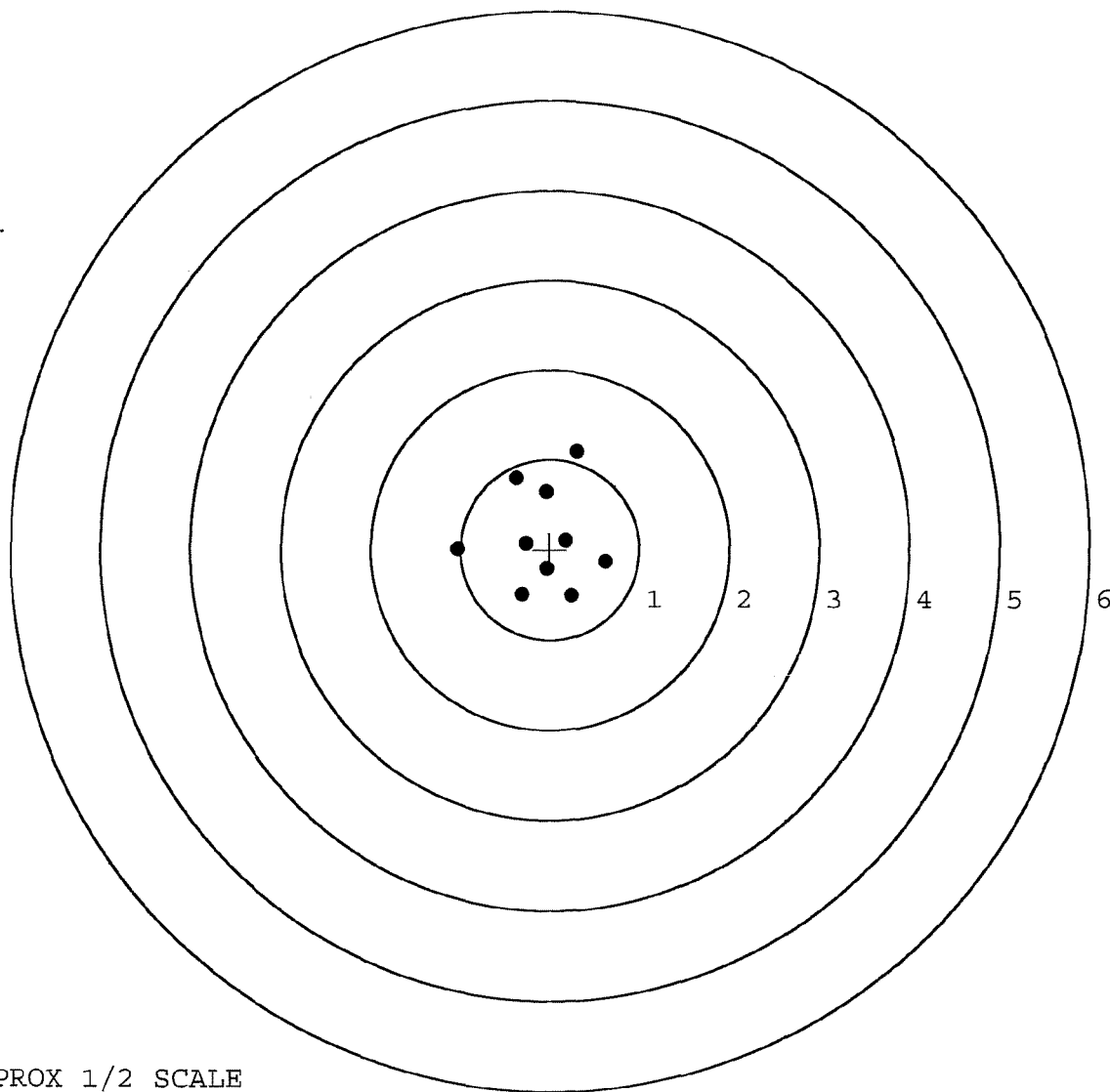
MAX RADIUS: 1.032

MEAN RADIUS: 0.619

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145234

SERIAL NUMBER: G6637715. __0

TARGET NUMBER: 3

FILE DATE: 05/11/2007

FILE TIME: 21:12

POINT#	X	Y
1:	-0.716	0.148
2:	-0.803	-0.261
3:	0.519	1.058
4:	0.538	0.385
5:	0.549	0.033
6:	0.284	0.125
7:	-0.156	-0.283
8:	0.324	-0.550
9:	0.376	-0.964
10:	0.427	0.162

X CENTROID: 0.134

Y CENTROID: -0.015

POA TO CENTROID: 0.135

HORZ SPREAD: 1.352

VERT SPREAD: 2.022

GROUP SPREAD: 2.027

MIN RADIUS: 0.205

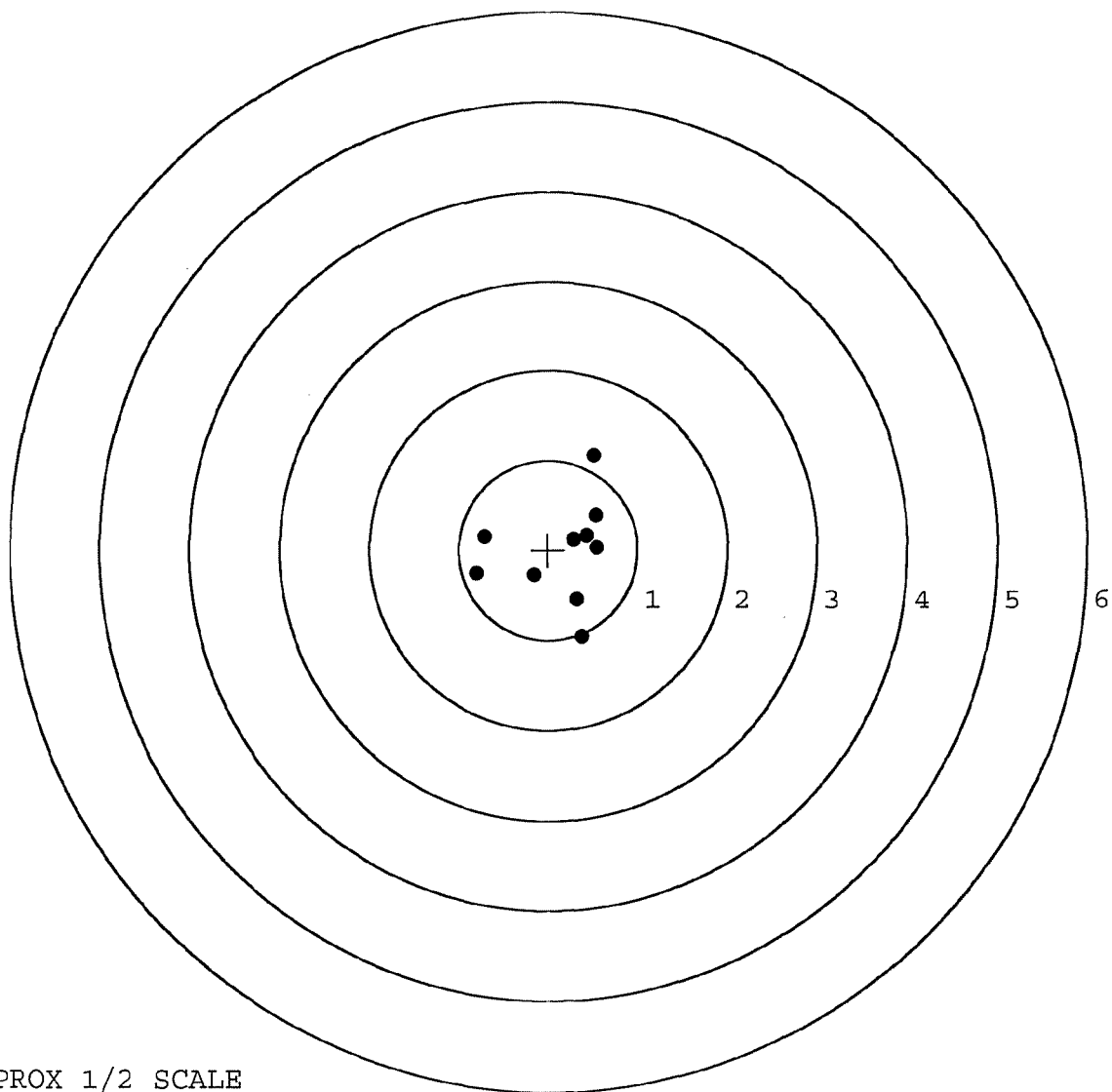
MAX RADIUS: 1.140

MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145235

SERIAL NUMBER: G6637715. __0

TARGET NUMBER: 4

FILE DATE: 05/11/2007

FILE TIME: 21:12

POINT#	X	Y
1:	-0.658	0.880
2:	-0.457	0.135
3:	-0.892	0.250
4:	0.246	-0.088
5:	0.538	1.082
6:	1.238	0.483
7:	0.925	2.572
8:	-0.450	-0.813
9:	-0.013	-1.320
10:	0.469	-1.324

X CENTROID: 0.095

Y CENTROID: 0.186

POA TO CENTROID: 0.208

HORZ SPREAD: 2.130

VERT SPREAD: 3.896

GROUP SPREAD: 4.003

MIN RADIUS: 0.313

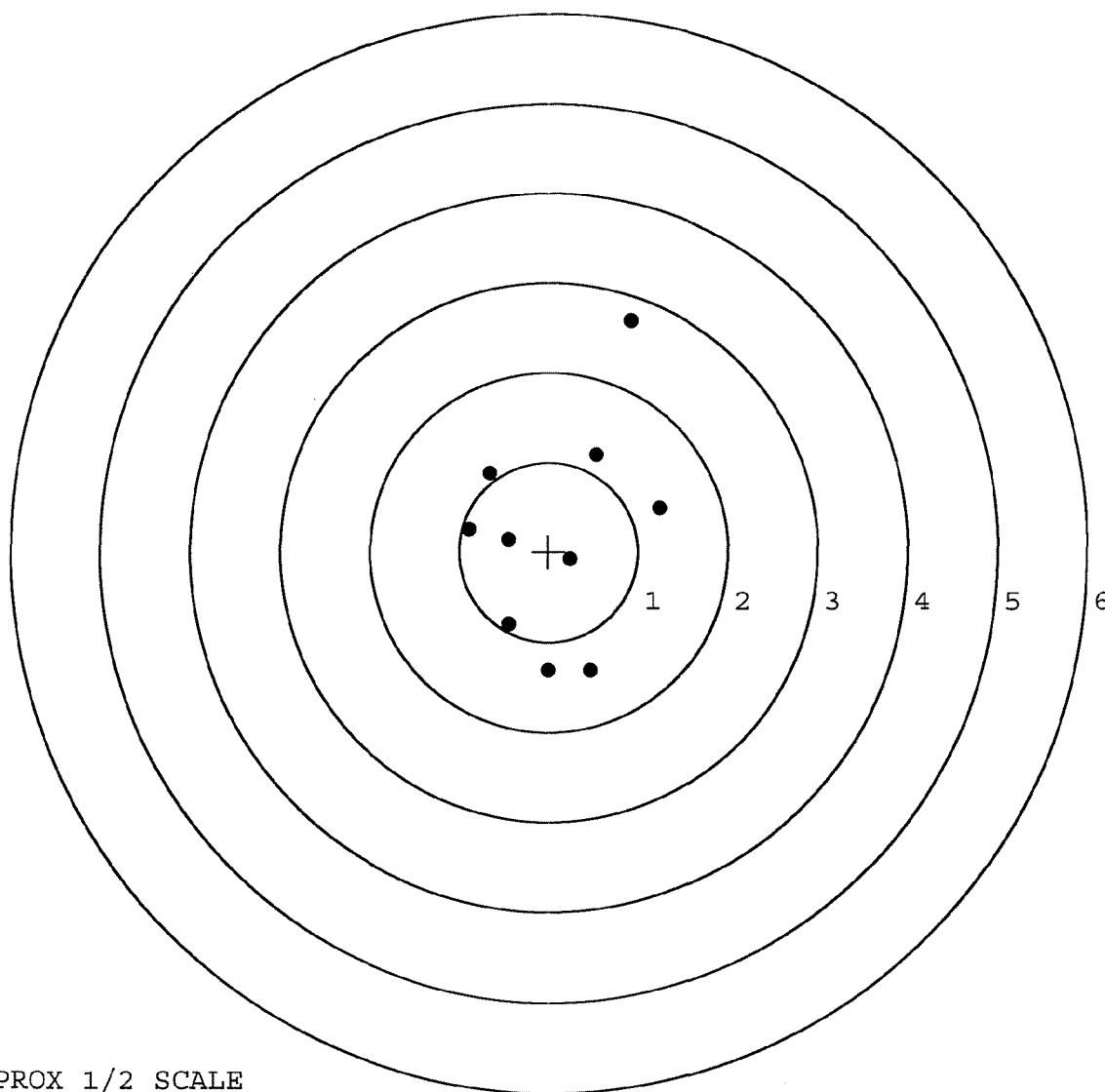
MAX RADIUS: 2.527

MEAN RADIUS: 1.179

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0145236

SERIAL NUMBER: G6637715. __0

TARGET NUMBER: 5

FILE DATE: 05/11/2007

FILE TIME: 21:12

POINT#	X	Y
1:	-0.119	0.340
2:	-0.068	0.600
3:	0.373	0.508
4:	0.290	0.342
5:	0.497	0.266
6:	-0.142	-0.144
7:	0.132	-0.408
8:	-0.016	-0.664
9:	-0.827	-0.373
10:	-0.001	-0.351

X CENTROID: 0.012

Y CENTROID: 0.012

POA TO CENTROID: 0.017

HORZ SPREAD: 1.324

VERT SPREAD: 1.264

GROUP SPREAD: 1.489

MIN RADIUS: 0.219

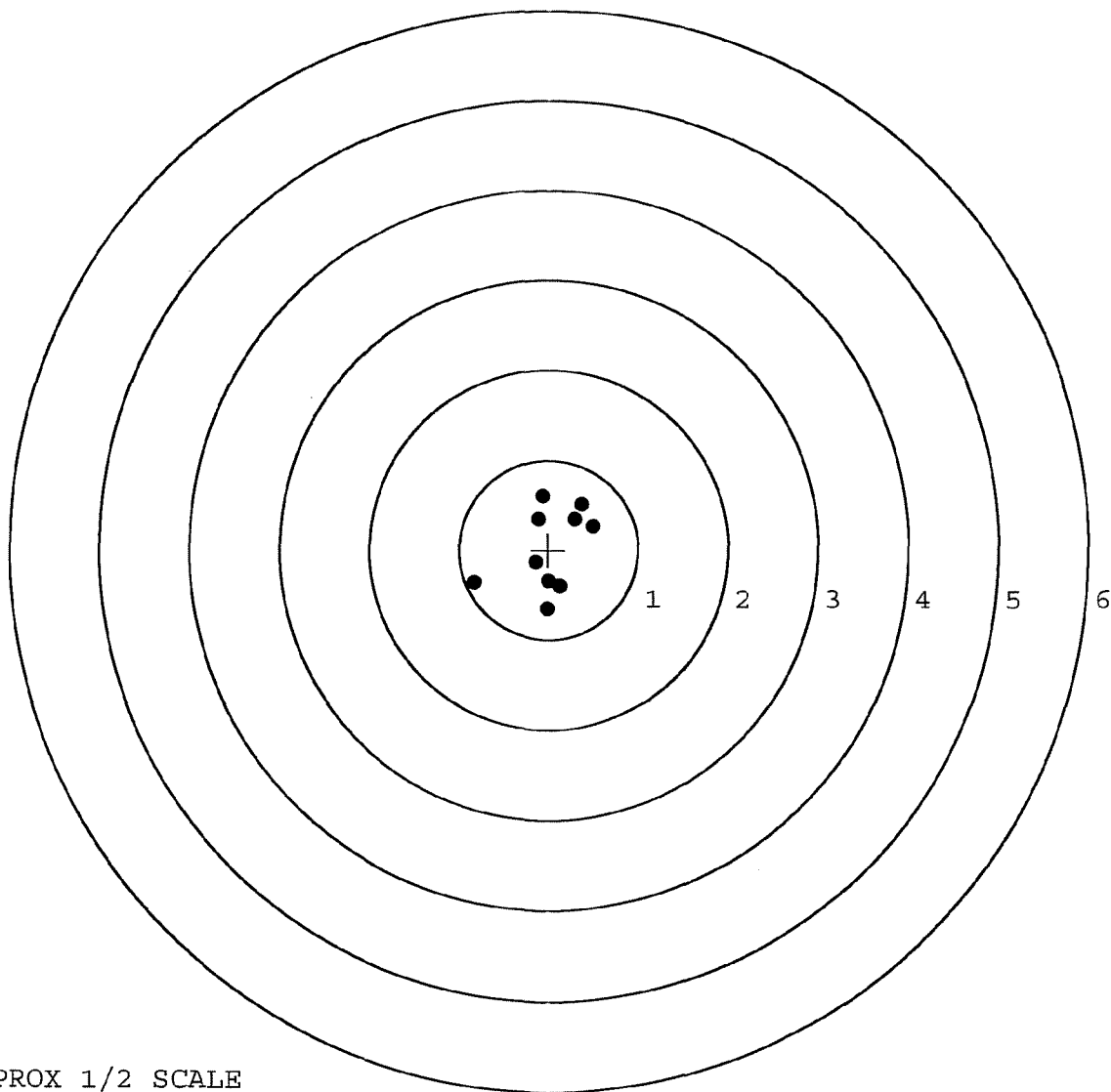
MAX RADIUS: 0.923

MEAN RADIUS: 0.516

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE