

G-669 9786

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



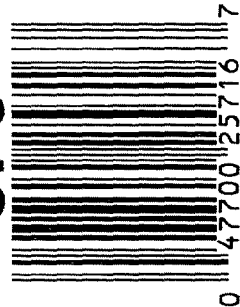
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6699786

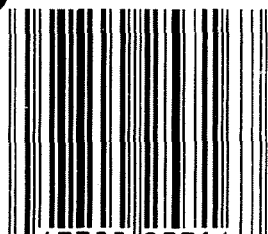
UPC



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

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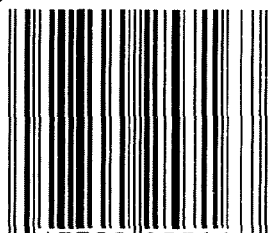


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66699786

GUN SERIAL # G 6699786

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-4-08	L.P.D.
420	ASSEMBLE ACTION		3-4-08	L.P.D.
430	ASSEMBLE TO STOCK		3-4-08	TRW
440	PROOF		3-4-08	TRW
460	CHECK HEADSPACE	MAGNA - FLUX	3-4-08	TRW
470	DIS-ASSEMBLE ACTION	MAR 05 2008	3-4-08	L.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <u>WMB</u>	3/6/07	WMB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-5-08	CW
510	DRILL AND TAP SIGHT HOLES		3-5-08	TRW
520	GOFF BLAST BBL / REC		3-6-08	DG
530 & 540	APPLY COATINGS (BARREL ACTION)		3-10-08	CW
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-08	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-08	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-08	RTZ
	D) OIL FIRING PIN ASSEMBLY		3-13-08	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	3-14-08	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>3.75</u> <u>4.0</u>	3-14-08	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1022</u> <u>1022</u> <u>1022</u>	3-14-08	DA
	J) ASSEMBLE STOCK		3-13-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		3-14-08	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-17-08	RP
	M) IRON SIGHT ALIGNMENT		3-17-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-17-08	RTZ
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	3-13-08	TRC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-13-08	RP
670	FINAL INSPECTION A) HEADSPACE		3-14-08	DA
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.47</u> <u>2.48</u> <u>2.32</u> <u>2.28</u> <u>2.32</u>	3-14-08	DA
	C) FUNCTION		3-17-08	RTZ
690	PACK		3-18-08	DA

F004 REV 5/2006

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 2-12-08TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.18	2.32		2.35	
PULL #2	2.15	2.27		2.35	
PULL #3	2.16	2.22		2.47	
PULL #4	2.22	2.23		2.37	
PULL #5	2.20	2.15		2.35	
TOTAL	10.91	11.19		11.89	
AVERAGE	2.18	2.23		2.37	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.31		
PULL #2	3.06	3.20		
PULL #3	3.15	3.21		
PULL #4	3.27	3.25		
PULL #5	3.19	3.23		
TOTAL	15.79	16.20		
AVERAGE	3.15	3.24		

	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	4.41	4.28		4.39
PULL #2	4.33	4.26		4.27
PULL #3	4.39	4.27		4.39
PULL #4	4.36	4.32		4.33
PULL #5	4.43	4.25		4.25
TOTAL	21.92	21.38		21.63
AVERAGE	4.38	4.27		4.32

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699786.__0
FILE DATE AND TIME: 03/14/2008 11:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.079
The Average Y Centroid of the Five Target Set:	0.088
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.824
The Distance from POA to Centroid Target #1:	0.342
The Distance from Centroid Target #2 to Centroid Target #1:	0.489
The Distance from Centroid Target #3 to Centroid Target #1:	0.292
The Distance from Centroid Target #4 to Centroid Target #1:	0.661
The Distance from Centroid Target #5 to Centroid Target #1:	0.349

BARBER - M24 0179272

SERIAL NUMBER: G6699786. 0

TARGET NUMBER: 1

FILE DATE: 03/14/2008

FILE TIME: 11:27

X CENTROID: -0.217

Y CENTROID: 0.265

POA TO CENTROID: 0.342

HORZ SPREAD: 1.514

VERT SPREAD: 2.234

GROUP SPREAD: 2.699

MIN RADIUS: 0.097

MAX RADIUS: 1.404

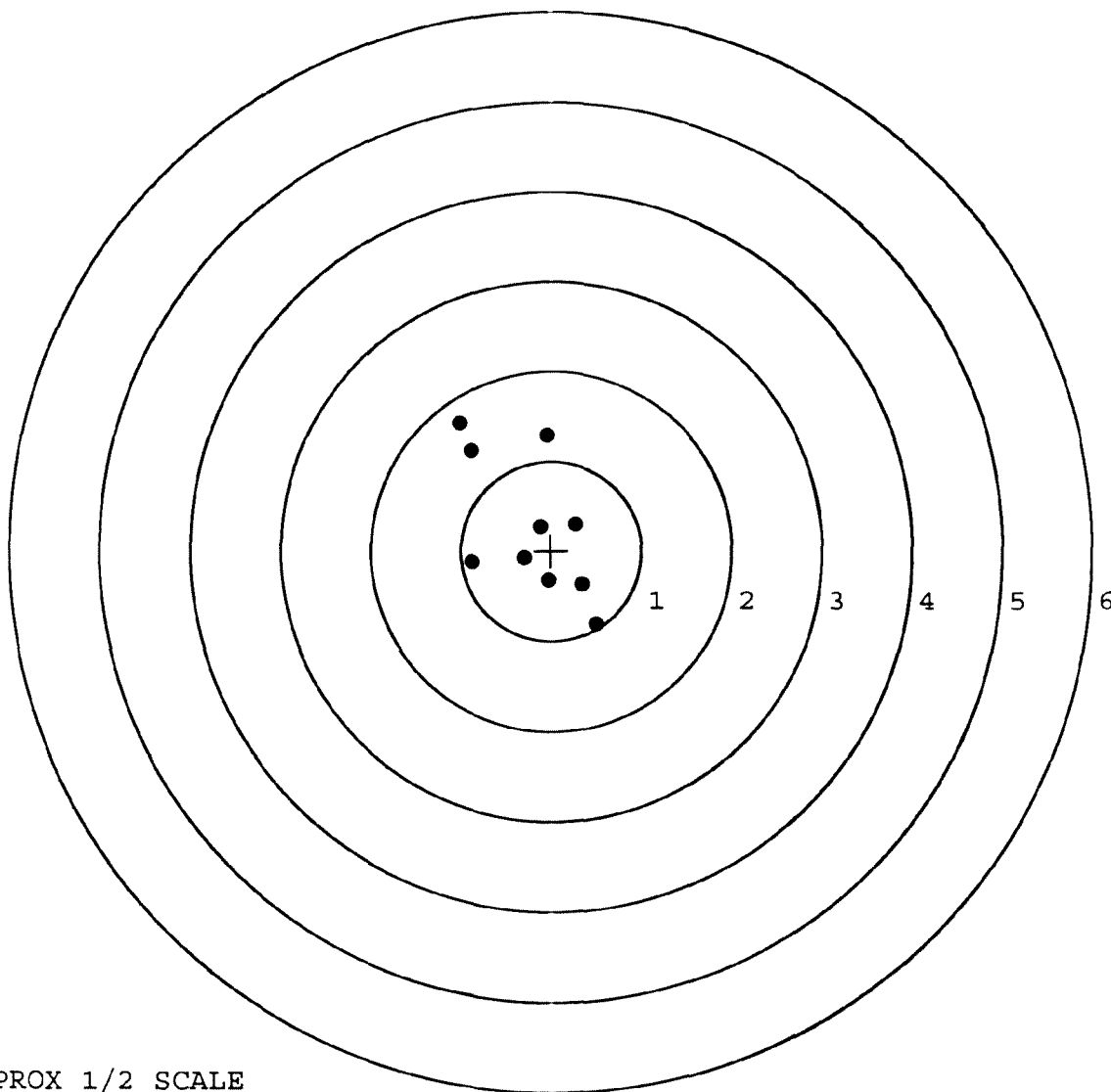
MEAN RADIUS: 0.799

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.498	-0.815
2:	0.344	-0.380
3:	-0.033	-0.327
4:	-0.875	-0.127
5:	-0.294	-0.084
6:	-0.120	0.271
7:	0.267	0.294
8:	-0.885	1.112
9:	-1.016	1.419
10:	-0.052	1.282



TARGET APPROX 1/2 SCALE

BARBER - M24 0179273

SERIAL NUMBER: G6699786. __0

TARGET NUMBER: 2

FILE DATE: 03/14/2008

FILE TIME: 11:27

POINT#	X	Y
1:	1.068	1.024
2:	1.416	-0.185
3:	0.854	-0.341
4:	0.263	-0.848
5:	0.094	-1.130
6:	-0.429	0.127
7:	-0.198	-0.069
8:	-0.035	0.165
9:	0.053	0.634
10:	-1.228	0.493

X CENTROID: 0.186

Y CENTROID: -0.013

POA TO CENTROID: 0.186

HORZ SPREAD: 2.644

VERT SPREAD: 2.154

GROUP SPREAD: 2.730

MIN RADIUS: 0.284

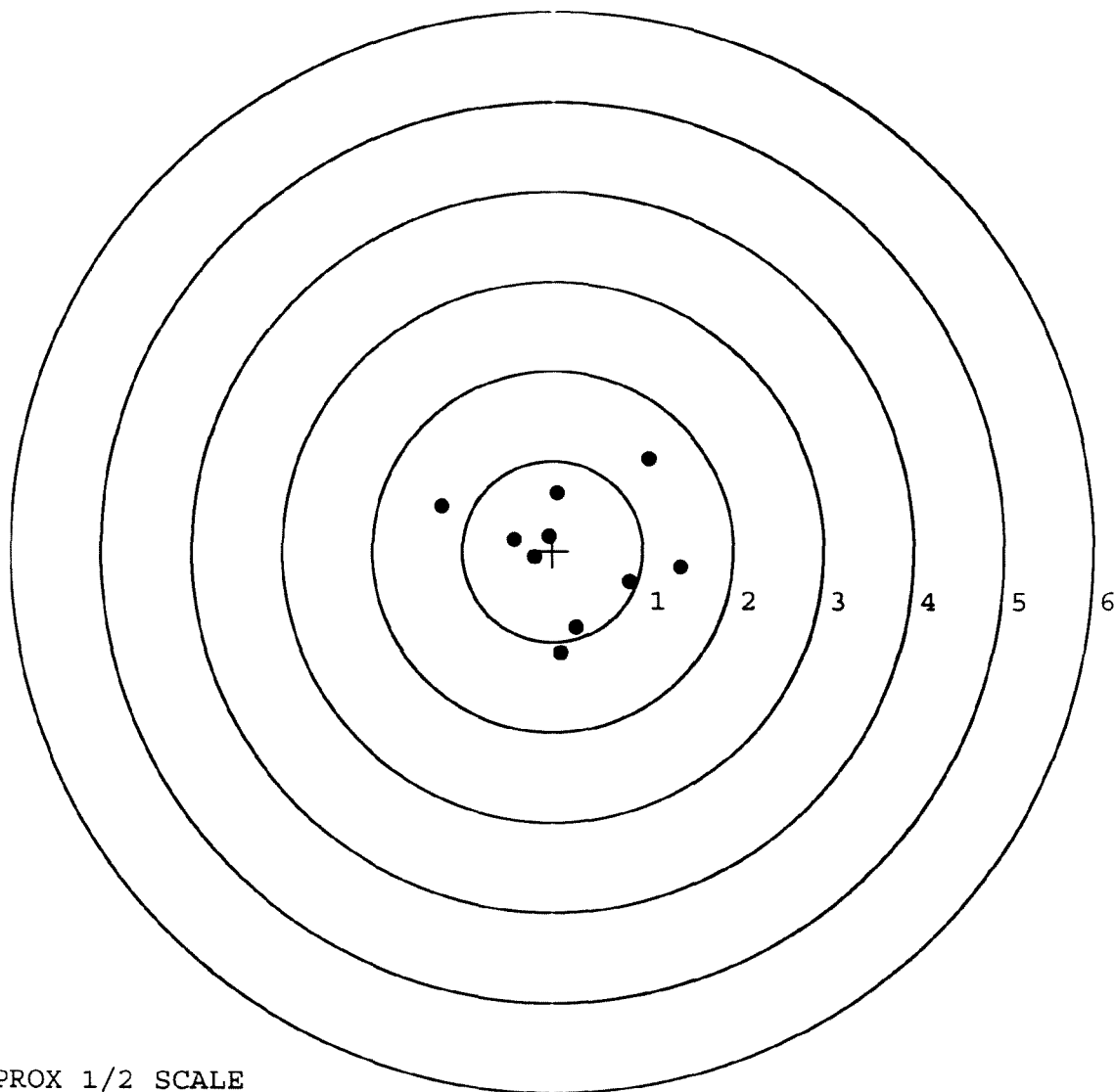
MAX RADIUS: 1.502

MEAN RADIUS: 0.877

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0179274

SERIAL NUMBER: G6699786. 0

TARGET NUMBER: 3

FILE DATE: 03/14/2008

FILE TIME: 11:27

POINT#	X	Y
1:	0.549	1.528
2:	-0.344	1.319
3:	-0.067	0.558
4:	-0.049	0.090
5:	-0.310	-0.019
6:	0.405	-0.228
7:	1.249	-0.043
8:	-0.460	-0.656
9:	-0.987	-0.773
10:	0.761	0.607

X CENTROID: 0.075

Y CENTROID: 0.238

POA TO CENTROID: 0.250

HORZ SPREAD: 2.236

VERT SPREAD: 2.301

GROUP SPREAD: 2.767

MIN RADIUS: 0.193

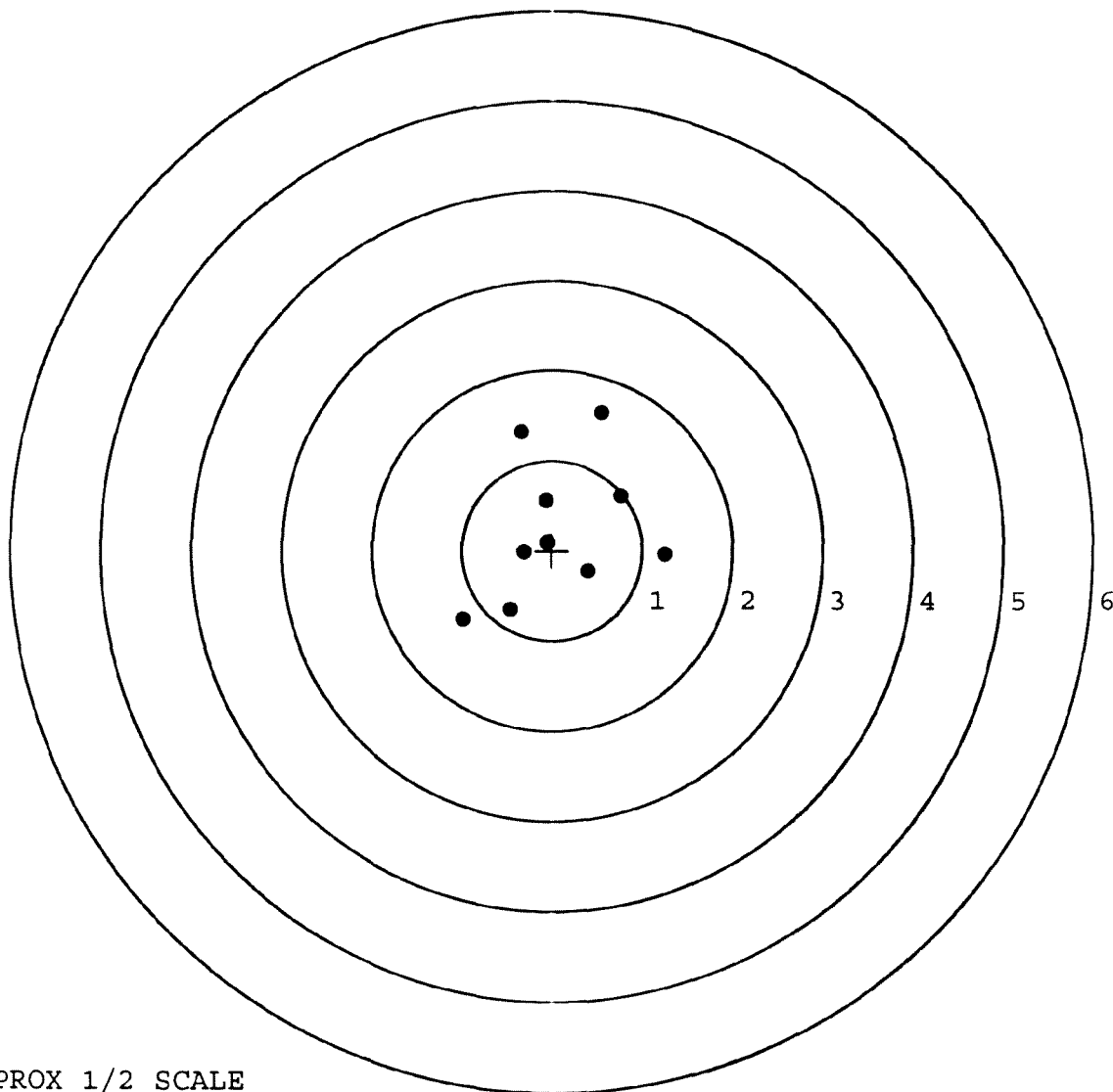
MAX RADIUS: 1.466

MEAN RADIUS: 0.860

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179275

SERIAL NUMBER: G6699786. __0

TARGET NUMBER: 4

FILE DATE: 03/14/2008

FILE TIME: 11:27

POINT#	X	Y
1:	-0.082	-1.218
2:	-0.388	-0.788
3:	-0.116	-0.304
4:	-0.116	0.042
5:	0.288	-0.155
6:	0.069	0.297
7:	0.439	1.053
8:	1.166	0.490
9:	2.484	0.292
10:	0.054	0.092

X CENTROID: 0.380

Y CENTROID: -0.020

POA TO CENTROID: 0.380

HORZ SPREAD: 2.872

VERT SPREAD: 2.271

GROUP SPREAD: 3.068

MIN RADIUS: 0.163

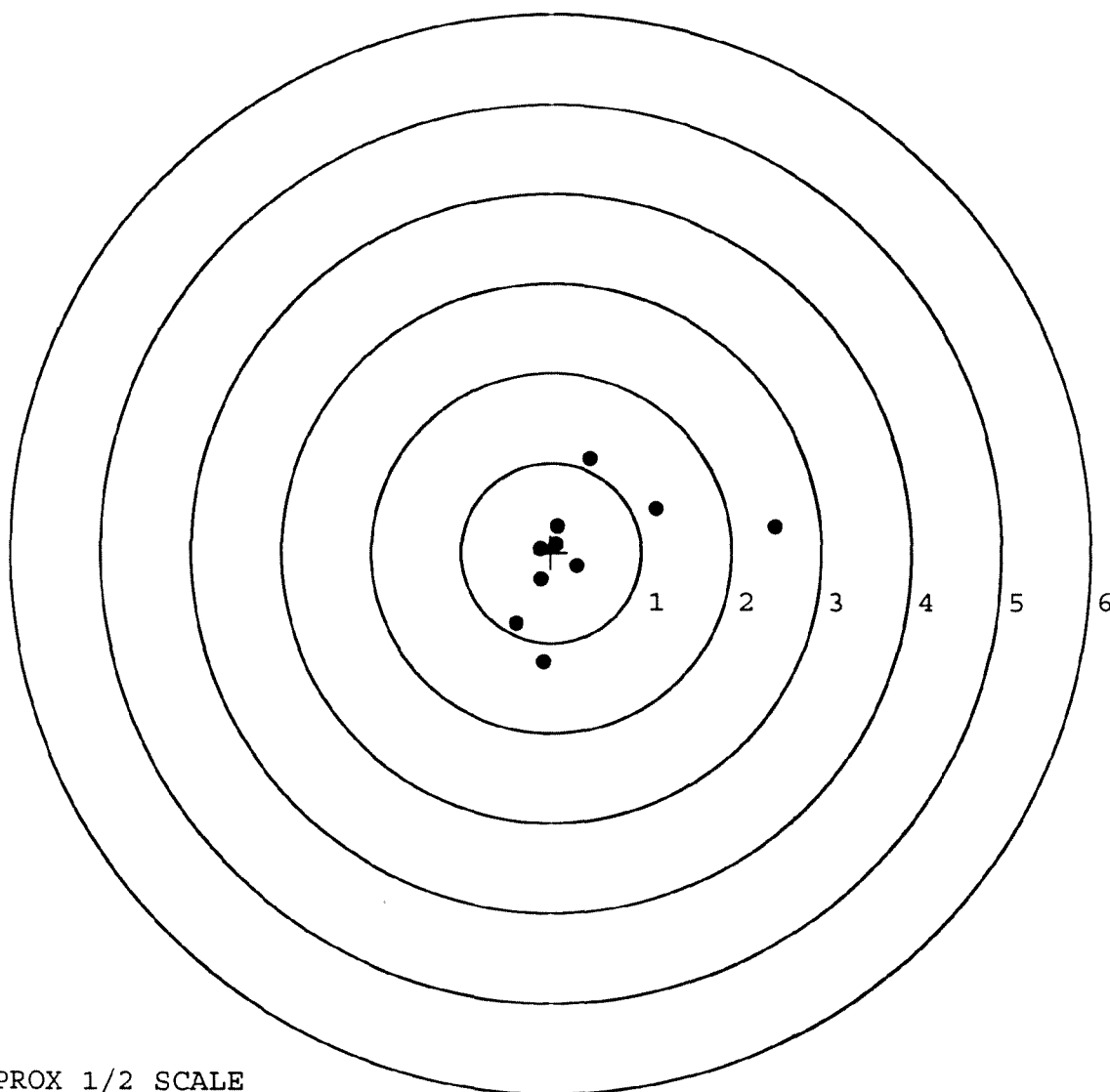
MAX RADIUS: 2.127

MEAN RADIUS: 0.853

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0179276

SERIAL NUMBER: G6699786. 0

TARGET NUMBER: 5

FILE DATE: 03/14/2008

FILE TIME: 11:27

POINT#	X	Y
1:	0.290	-1.566
2:	-0.400	-0.604
3:	0.768	-0.708
4:	0.135	-0.427
5:	-0.774	1.271
6:	-0.011	0.655
7:	0.194	0.283
8:	-0.315	0.394
9:	-0.119	0.071
10:	-0.033	0.355

X CENTROID: -0.026

Y CENTROID: -0.028

POA TO CENTROID: 0.038

HORZ SPREAD: 1.542

VERT SPREAD: 2.837

GROUP SPREAD: 3.030

MIN RADIUS: 0.135

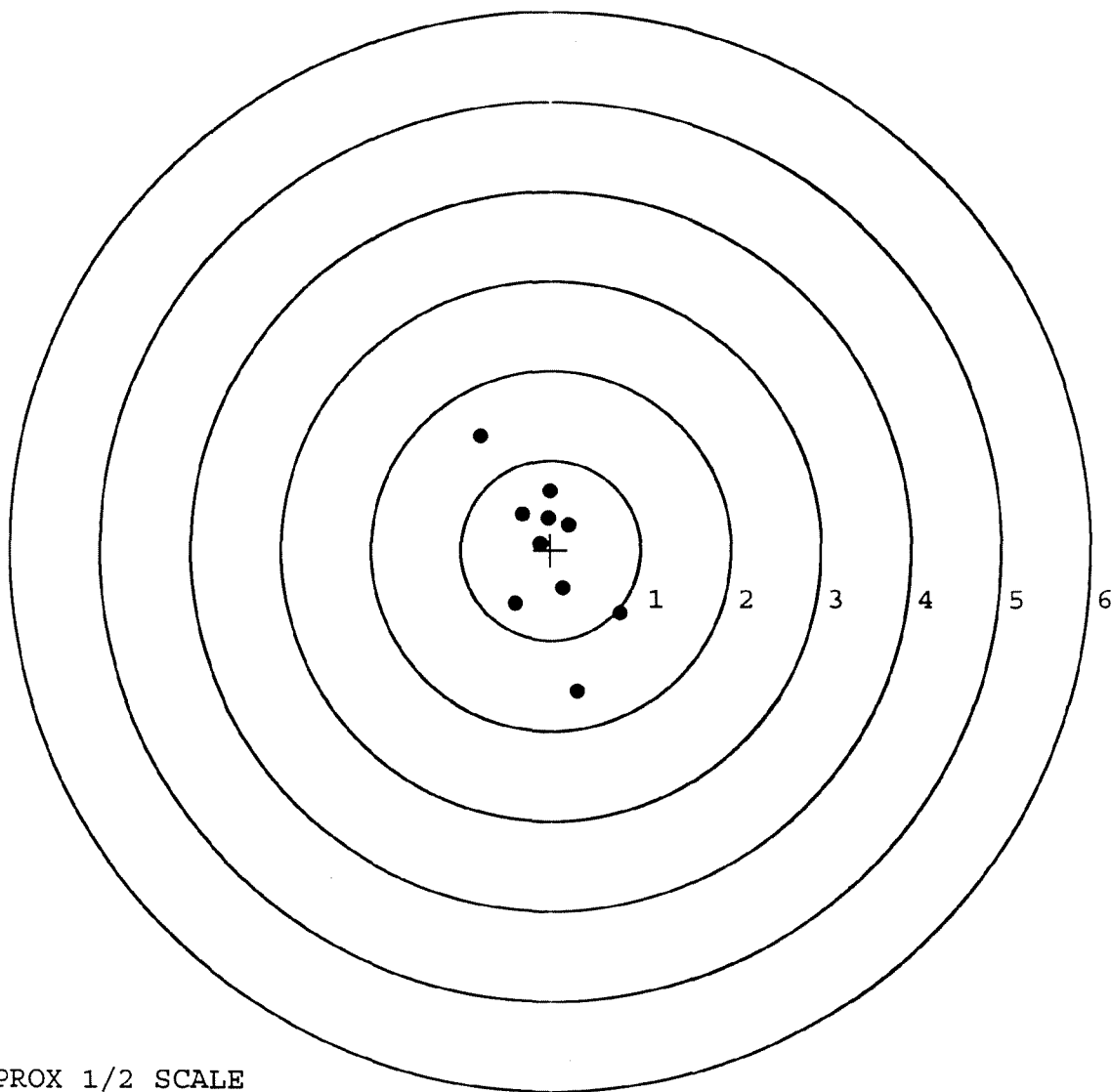
MAX RADIUS: 1.571

MEAN RADIUS: 0.733

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE