

G-6695399

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



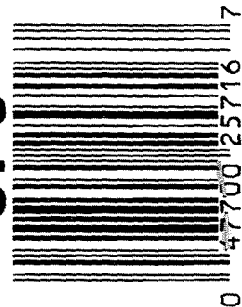
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6695399

UPC



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

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SERIAL NO.



GUN SERIAL #

6669 5399

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-5-07	RTZ
420	ASSEMBLE ACTION		12-5-07	RTZ
430	ASSEMBLE TO STOCK		12-5-07	RTZ
440	PROOF		12-6-07	TRW
460	CHECK HEADSPACE		12-6-07	TRW
470	DIS-ASSEMBLE ACTION		12-6-07	RTZ
480	MAGNAFLUX BBL ACTION	MAGNA - FLUX -2 0 2001 OPERATOR JB	12-10-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-7-07	CU
510	DRILL AND TAP SIGHT HOLES		12-7-07	FM
520	GOFF BLAST BBL / REC		12-11-07	YF
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/14/07	JB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-20-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-20-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-20-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-20-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	1/6/08	mm

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.0</u> <u>5.5</u>	1/4/08	WTH
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.75</u> <u>4.25</u> <u>4.5</u>	1/4/08	WTH
	H) TRIGGER PULL TEST AND RETAINABILITY		1/8/08	WTH
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.021</u> <u>.022</u>	1/4/08	WTH
	J) ASSEMBLE STOCK		12/20/07	FTL
	K) ASSEMBLE SWIVEL STUDS		1/8/08	WTH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1/8/08	WTH
	M) IRON SIGHT ALIGNMENT		1/8/08	WTH
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1/8/08	WTH
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/8/08	WTH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-3-08	SD
670	FINAL INSPECTION A) HEADSPACE		1/8/08	WTH
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.21</u> <u>2.32</u> <u>2.25</u> <u>2.25</u> <u>2.25</u>	1/4/08	WTH
	C) FUNCTION		1/8/08	WTH
690	PACK		1-9-08	WTH

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 12-19-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.31		2.62	
PULL #2	2.51	2.32		2.59	
PULL #3	2.63	2.43		2.61	
PULL #4	2.72	2.56		2.61	
PULL #5	2.88	2.50		2.66	
TOTAL	13.30	12.12		13.09	
AVERAGE	2.66	2.42		2.61	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.06		
PULL #2	3.29	3.06		
PULL #3	3.35	3.49		
PULL #4	3.56	3.35		
PULL #5	3.58	3.39		
TOTAL	17.23	16.39		
AVERAGE	3.44	3.27		

	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	4.24	4.38		4.37
PULL #2	4.28	4.09		4.17
PULL #3	4.27	4.37		4.27
PULL #4	4.47	4.42		4.39
PULL #5	4.42	4.16		4.08
TOTAL	21.68	21.42		21.28
AVERAGE	4.33	4.28		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695399. __0
FILE DATE AND TIME: 01/04/2008 06:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.080
The Average Y Centroid of the Five Target Set:	-0.049
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.858
The Distance from POA to Centroid Target #1:	0.417
The Distance from Centroid Target #2 to Centroid Target #1:	0.457
The Distance from Centroid Target #3 to Centroid Target #1:	0.575
The Distance from Centroid Target #4 to Centroid Target #1:	0.463
The Distance from Centroid Target #5 to Centroid Target #1:	0.884

SERIAL NUMBER: G6695399. __0

TARGET NUMBER: 1

FILE DATE: 01/04/2008

FILE TIME: 06:45

POINT#	X	Y
1:	-2.055	-1.148
2:	-1.744	-0.856
3:	-1.623	0.257
4:	-0.633	0.486
5:	0.177	0.452
6:	-0.283	0.070
7:	-0.022	-0.055
8:	0.559	-0.284
9:	0.969	-0.197
10:	0.914	-0.558

X CENTROID: -0.374

Y CENTROID: -0.183

POA TO CENTROID: 0.417

HORZ SPREAD: 3.024

VERT SPREAD: 1.634

GROUP SPREAD: 3.170

MIN RADIUS: 0.269

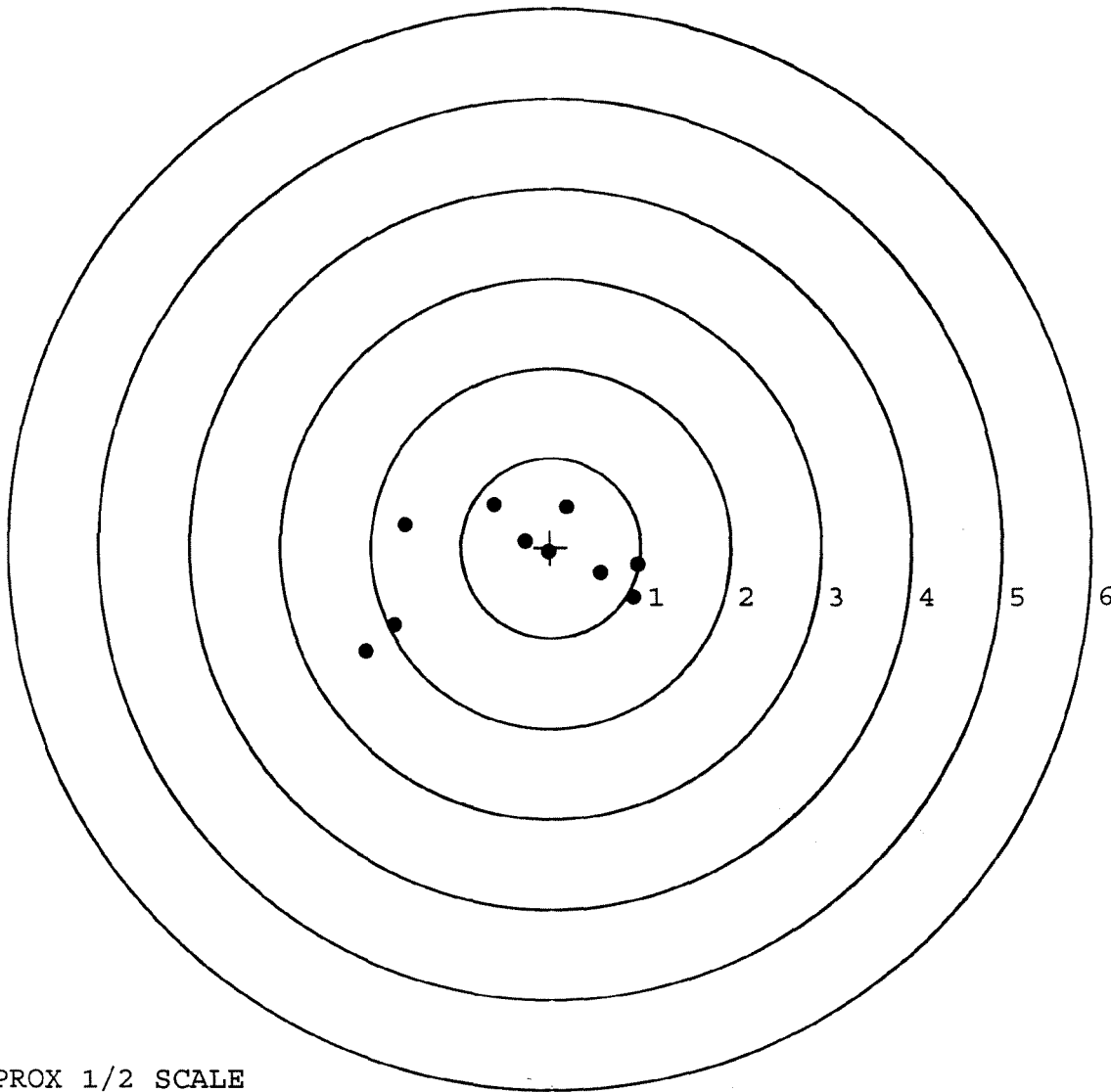
MAX RADIUS: 1.938

MEAN RADIUS: 1.061

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



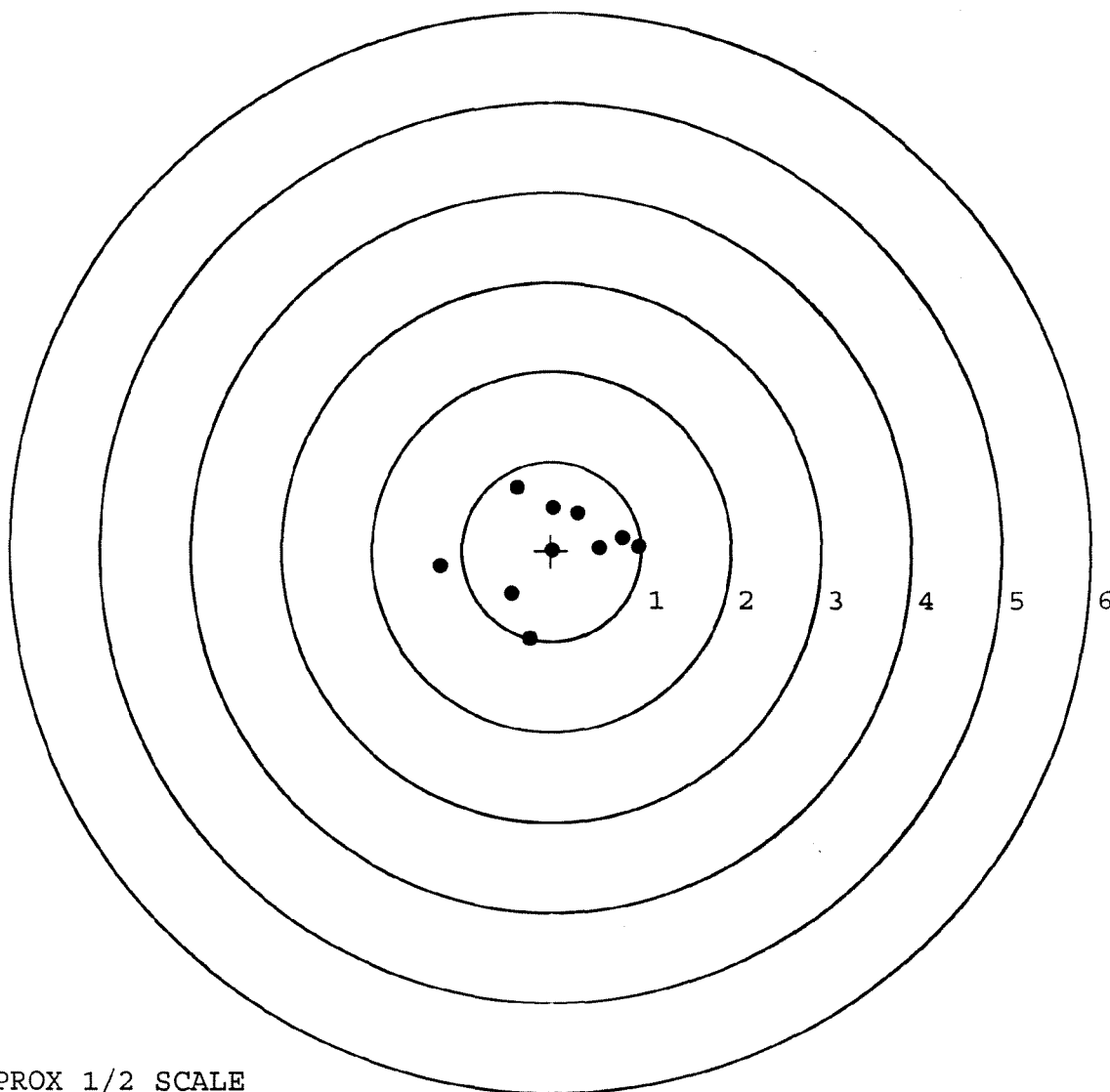
TARGET APPROX 1/2 SCALE

BARBER - M24 0179904

SERIAL NUMBER: G6695399. 0
 TARGET NUMBER: 2
 FILE DATE: 01/04/2008
 FILE TIME: 06:45

POINT#	X	Y
1:	-1.239	-0.173
2:	-0.445	-0.475
3:	-0.242	-0.977
4:	0.019	0.007
5:	0.974	0.050
6:	0.541	0.039
7:	0.297	0.424
8:	0.023	0.483
9:	-0.378	0.710
10:	0.787	0.149

X CENTROID: 0.034
 Y CENTROID: 0.024
 POA TO CENTROID: 0.041
 HORZ SPREAD: 2.213
 VERT SPREAD: 1.687
 GROUP SPREAD: 2.224
 MIN RADIUS: 0.022
 MAX RADIUS: 1.288
 MEAN RADIUS: 0.699
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179905

SERIAL NUMBER: G6695399. 0

TARGET NUMBER: 3

FILE DATE: 01/04/2008

FILE TIME: 06:45

POINT#	X	Y
1:	-0.461	1.118
2:	-0.435	0.487
3:	-0.452	0.119
4:	0.210	0.286
5:	0.027	0.115
6:	-0.381	-0.495
7:	-0.054	-0.346
8:	0.552	-0.657
9:	1.643	-0.595
10:	1.252	-0.732

X CENTROID: 0.190

Y CENTROID: -0.070

POA TO CENTROID: 0.203

HORZ SPREAD: 2.104

VERT SPREAD: 1.850

GROUP SPREAD: 2.713

MIN RADIUS: 0.247

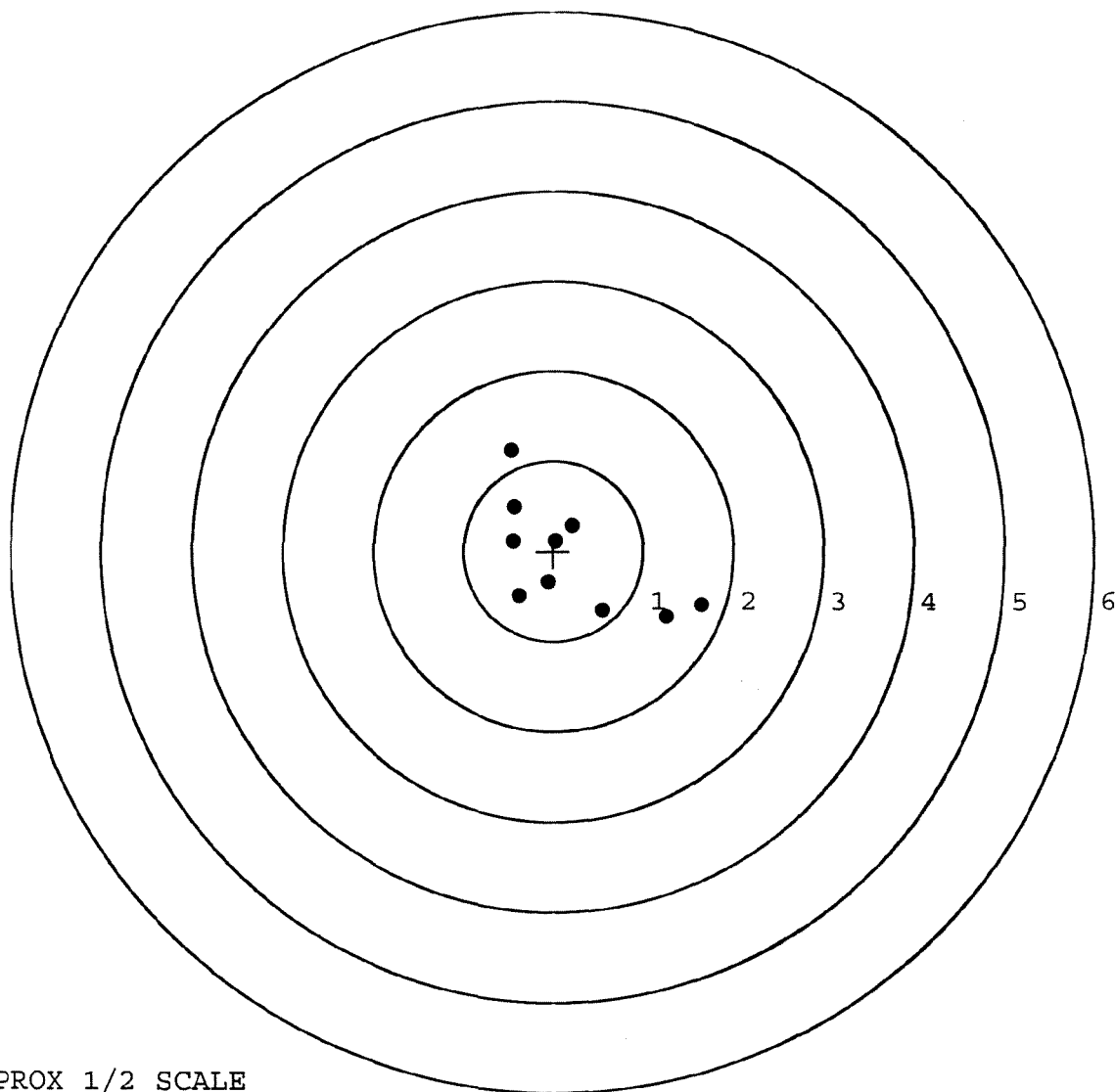
MAX RADIUS: 1.545

MEAN RADIUS: 0.803

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



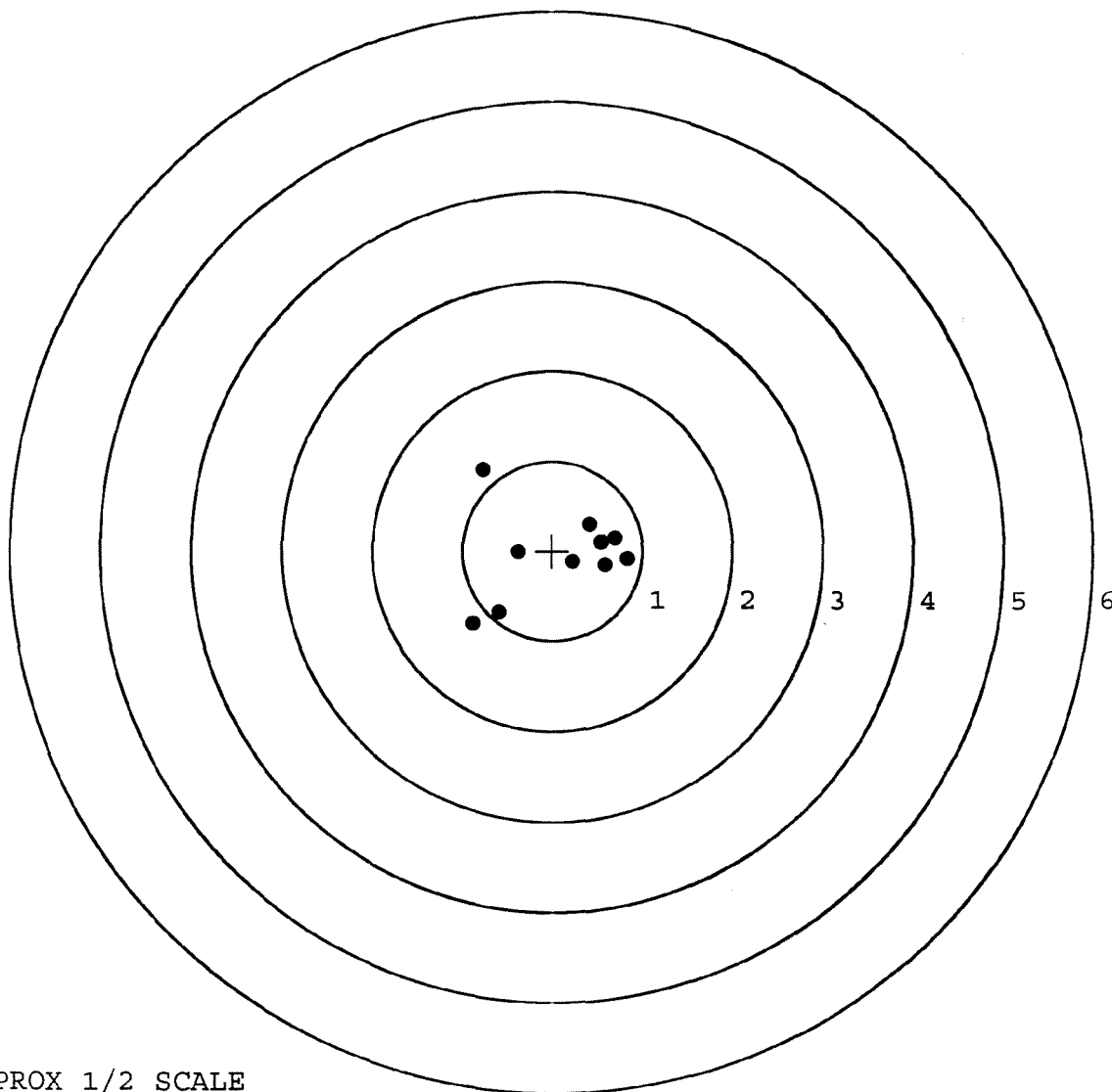
TARGET APPROX 1/2 SCALE

BARBER - M24 0179906

SERIAL NUMBER: G6695399. 0
 TARGET NUMBER: 4
 FILE DATE: 01/04/2008
 FILE TIME: 06:45

POINT#	X	Y
1:	-0.892	-0.815
2:	-0.599	-0.693
3:	-0.380	-0.007
4:	-0.773	0.913
5:	0.418	0.303
6:	0.696	0.149
7:	0.230	-0.123
8:	0.591	-0.154
9:	0.838	-0.093
10:	0.541	0.102

X CENTROID: 0.067
 Y CENTROID: -0.042
 POA TO CENTROID: 0.079
 HORZ SPREAD: 1.730
 VERT SPREAD: 1.728
 GROUP SPREAD: 1.899
 MIN RADIUS: 0.182
 MAX RADIUS: 1.272
 MEAN RADIUS: 0.702
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179907

SERIAL NUMBER: G6695399. 0

TARGET NUMBER: 5

FILE DATE: 01/04/2008

FILE TIME: 06:45

POINT#	X	Y
1:	0.649	-0.560
2:	0.239	-0.284
3:	-0.813	-0.486
4:	-0.723	0.270
5:	-0.154	0.072
6:	0.103	0.412
7:	-0.136	0.468
8:	1.912	1.036
9:	2.009	-0.191
10:	1.762	-0.458

X CENTROID: 0.485

Y CENTROID: 0.028

POA TO CENTROID: 0.486

HORZ SPREAD: 2.822

VERT SPREAD: 1.596

GROUP SPREAD: 3.121

MIN RADIUS: 0.397

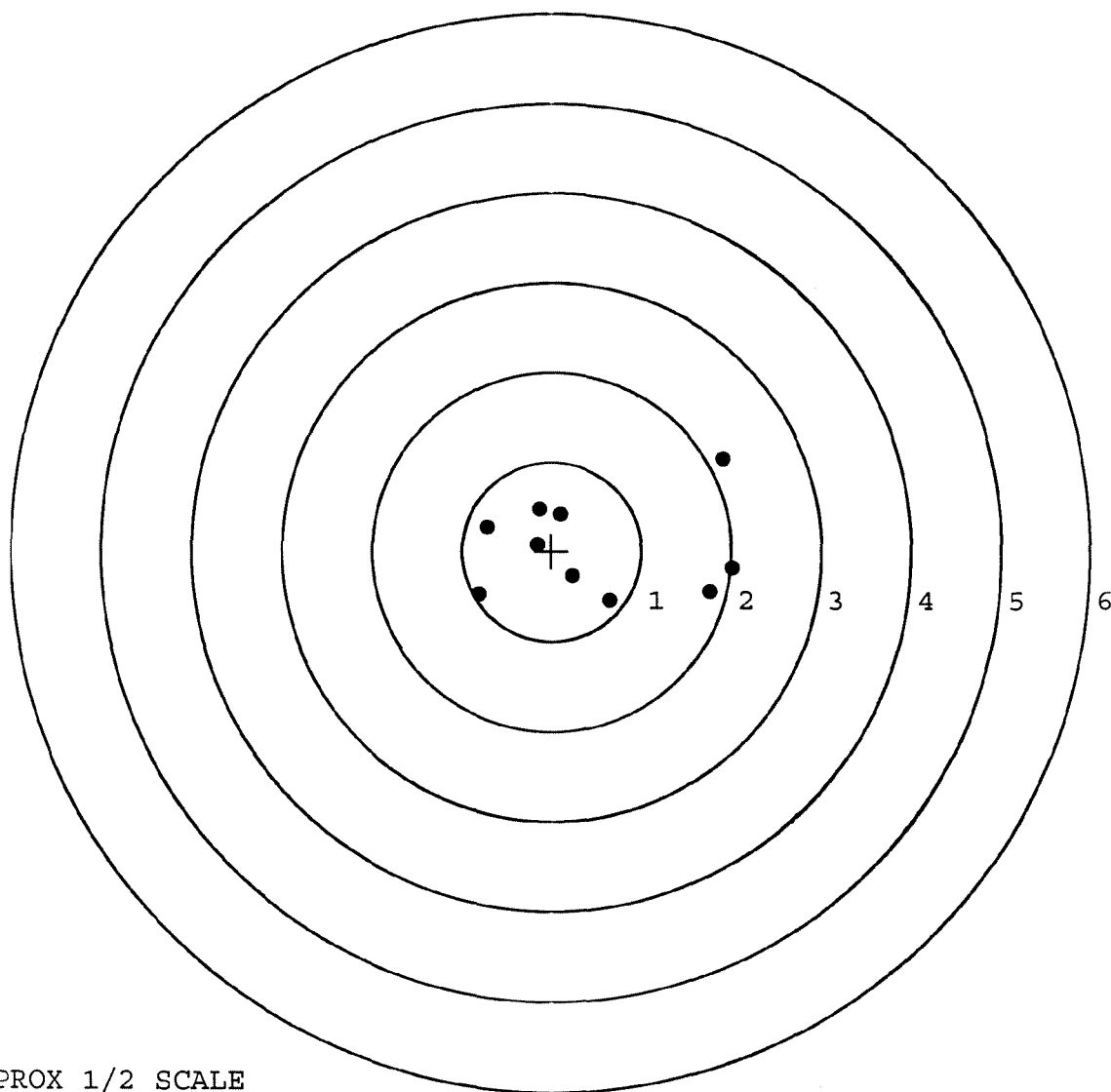
MAX RADIUS: 1.747

MEAN RADIUS: 1.023

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE