

G-6645322

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



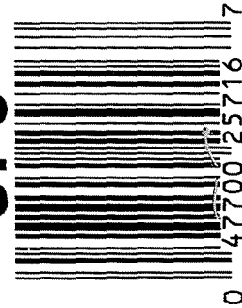
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6645322

UPC



ORDER 25716

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

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UPC



SERIAL NO.



GUN SERIAL # G6645322

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-17-07	L.P.D.
420	ASSEMBLE ACTION		6-19-07	L.P.D.
430	ASSEMBLE TO STOCK		6-19-07	L.P.D.
440	PROOF		6-21-07	TRW
460	CHECK HEADSPACE		6-21-07	TRW
470	DIS-ASSEMBLE ACTION		7-18-07	L.P.D.
480	MAGNAFLUX BBL ACTION		7/19/07	curm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-19-07	CW
510	DRILL AND TAP SIGHT HOLES		7-17-07	SD
520	GOFF BLAST BBL / REC		7-19-07	LY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/23/07	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-26-07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-26-07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-26-07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		7-26-07	L.P.D.
	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>5.75</u> <u>5.75</u>	8/9/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.5</u> <u>5.25</u> <u>5.25</u>	8/9/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		8/9/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.022</u>	8/9/07	mm
	J) ASSEMBLE STOCK		7-26-07	SPD
	K) ASSEMBLE SWIVEL STUDS		8/9/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7-27-07	TRW
	MALFUNCTION <u>OH</u>	CORRECTION <u>OK</u>	8-9-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7-22-07	Fm
670	FINAL INSPECTION A) HEADSPACE		8/9/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.75</u> <u>2.80</u> <u>2.56</u> <u>2.87</u> <u>2.88</u>	8/2/02	mm
	C) FUNCTION		8/9/07	mm
690	PACK			

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 7/16/07TESTER MEM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS.	COMMENTS
PULL #1	2.41	2.49	2.43	
PULL #2	2.39	2.47	2.50	
PULL #3	2.55	2.48	2.54	
PULL #4	2.64	2.40	2.46	
PULL #5	2.70	2.25	2.46	
TOTAL	12.69	12.09	12.35	
AVERAGE	2.54	2.42	2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.03	3.34	
PULL #2	3.17	3.35	
PULL #3	3.11	3.43	
PULL #4	3.00	3.20	
PULL #5	3.12	3.14	
TOTAL	15.43	16.46	
AVERAGE	3.09	3.29	

	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	3.95	4.32		4.22
PULL #2	4.00	4.13		4.08
PULL #3	4.02	4.11		4.08
PULL #4	4.04	4.07		4.05
PULL #5	4.05	4.13		3.87
TOTAL	20.06	20.76		20.30
AVERAGE	4.01	4.15		4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645322.___0
FILE DATE AND TIME: 07/31/2007 06:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	0.070
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.717
The Distance from POA to Centroid Target #1:	0.118
The Distance from Centroid Target #2 to Centroid Target #1:	0.014
The Distance from Centroid Target #3 to Centroid Target #1:	0.102
The Distance from Centroid Target #4 to Centroid Target #1:	0.023
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

BARBER - M24 0171485

SERIAL NUMBER: G6645322. __0

TARGET NUMBER: 1

FILE DATE: 07/31/2007

FILE TIME: 06:56

POINT#	X	Y
1:	0.000	-1.179
2:	-0.972	-0.898
3:	-0.563	-0.301
4:	-0.176	-0.308
5:	0.353	-0.276
6:	-0.279	0.124
7:	0.217	0.557
8:	0.325	0.625
9:	0.678	1.069
10:	0.383	1.767

X CENTROID: -0.003

Y CENTROID: 0.118

POA TO CENTROID: 0.118

HORZ SPREAD: 1.650

VERT SPREAD: 2.946

GROUP SPREAD: 2.990

MIN RADIUS: 0.276

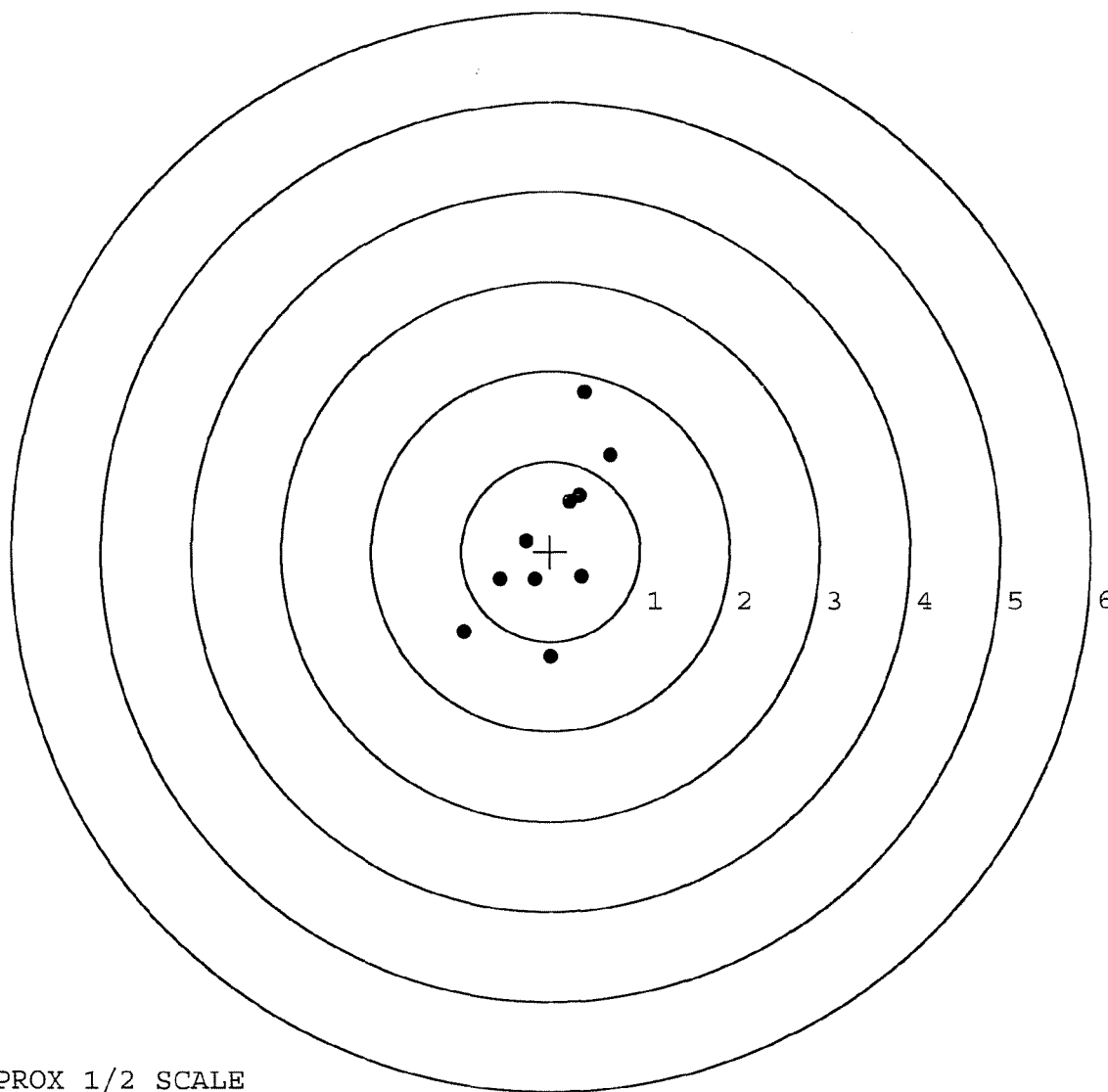
MAX RADIUS: 1.694

MEAN RADIUS: 0.863

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0171486

SERIAL NUMBER: G6645322. __ 0

TARGET NUMBER: 2

FILE DATE: 07/31/2007

FILE TIME: 06:56

POINT#	X	Y
1:	0.845	0.448
2:	0.095	-0.480
3:	-0.129	-0.336
4:	0.326	-0.100
5:	0.179	-0.201
6:	0.216	0.145
7:	-0.084	0.177
8:	-0.223	0.456
9:	-0.421	0.580
10:	-0.710	0.559

X CENTROID: 0.009

Y CENTROID: 0.125

POA TO CENTROID: 0.125

HORZ SPREAD: 1.555

VERT SPREAD: 1.060

GROUP SPREAD: 1.559

MIN RADIUS: 0.107

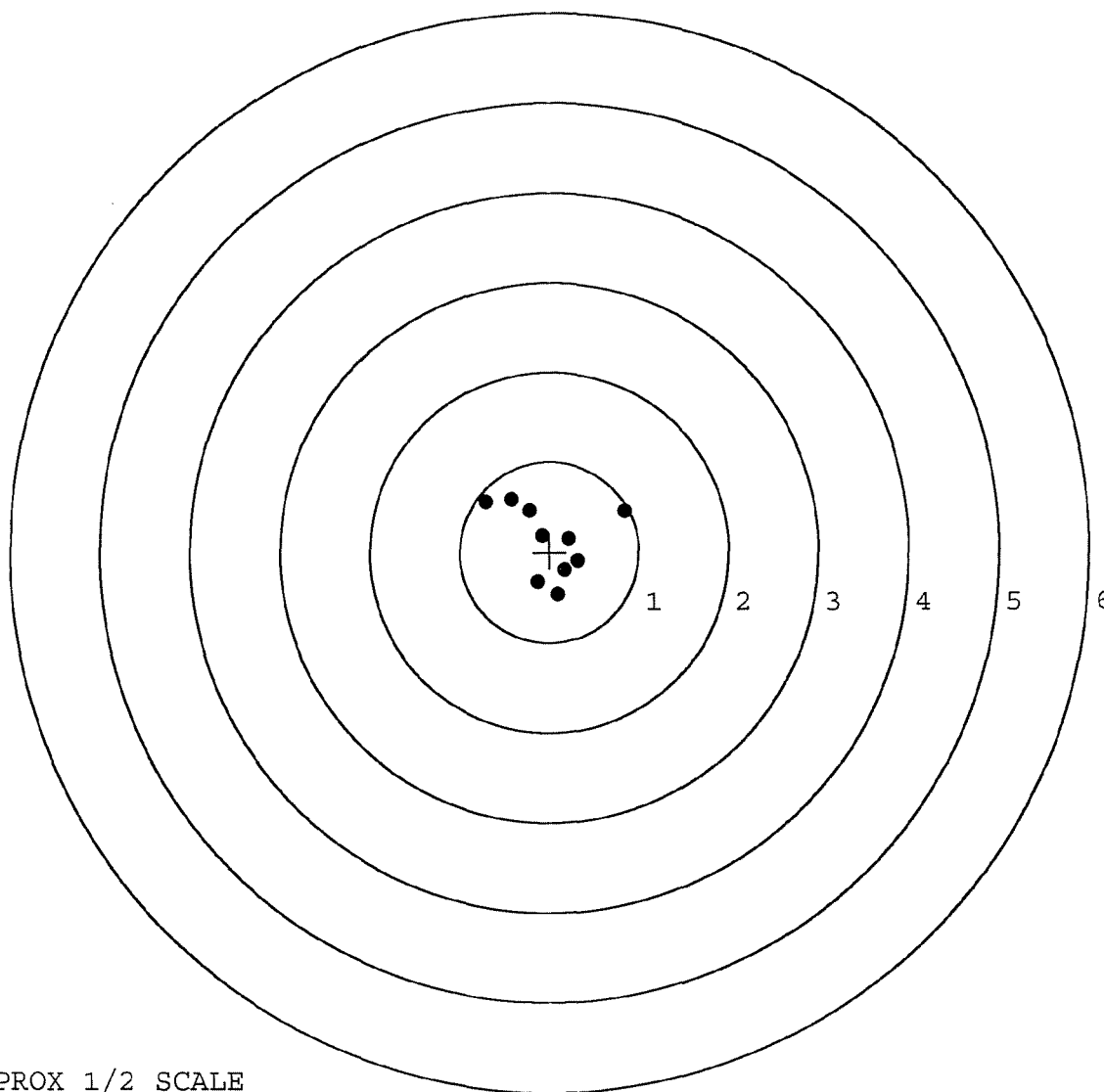
MAX RADIUS: 0.896

MEAN RADIUS: 0.493

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0171487

SERIAL NUMBER: G6645322. __ 0

TARGET NUMBER: 3

FILE DATE: 07/31/2007

FILE TIME: 06:56

POINT#	X	Y
1:	0.593	-0.574
2:	0.409	-0.472
3:	-0.281	-0.221
4:	-0.763	-0.567
5:	0.578	0.272
6:	0.438	0.272
7:	0.163	0.205
8:	-0.092	0.355
9:	-0.305	0.374
10:	-0.466	0.565

X CENTROID: 0.027

Y CENTROID: 0.021

POA TO CENTROID: 0.034

HORZ SPREAD: 1.356

VERT SPREAD: 1.139

GROUP SPREAD: 1.582

MIN RADIUS: 0.229

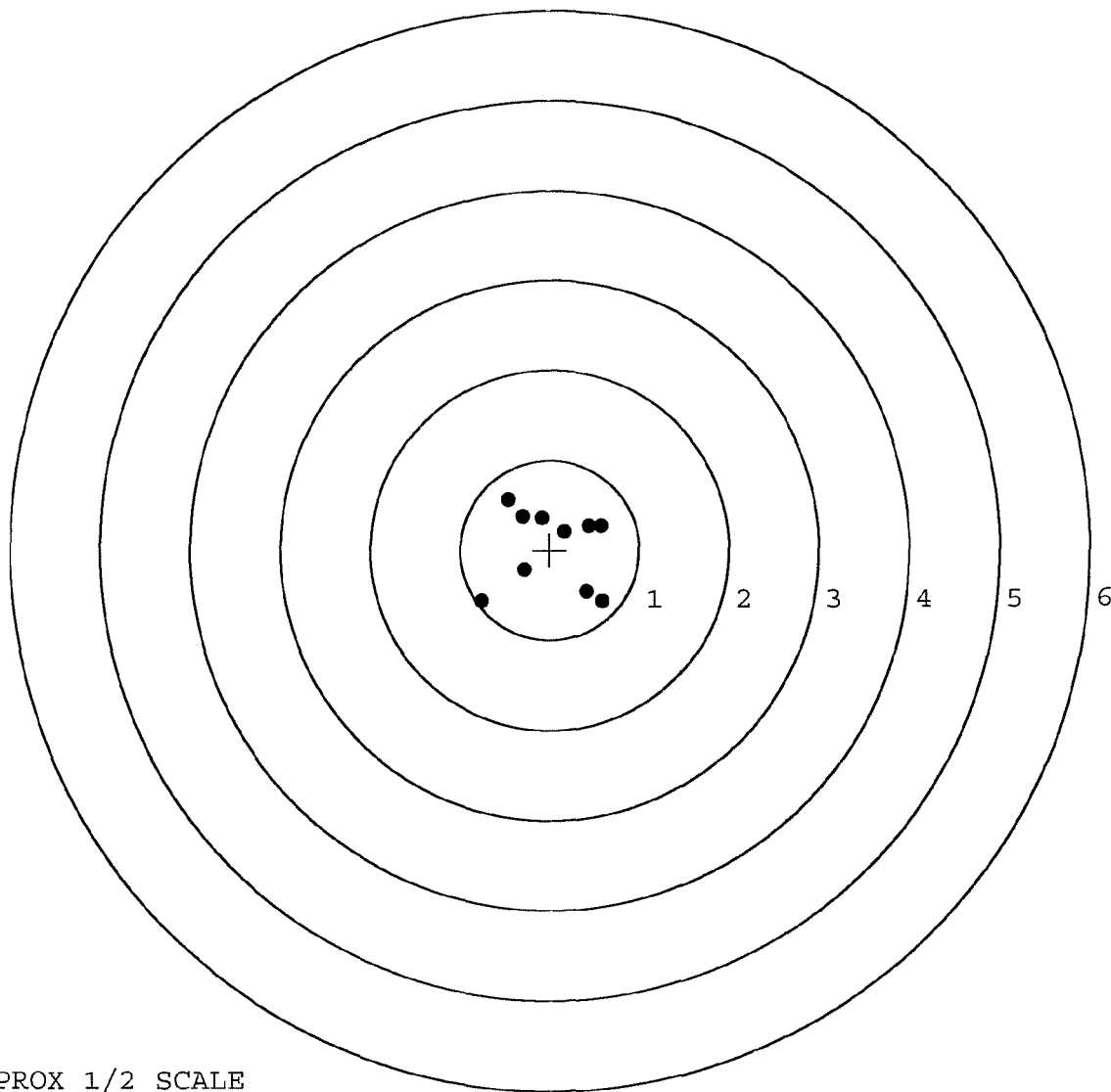
MAX RADIUS: 0.985

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0171488

SERIAL NUMBER: G6645322. __ 0

TARGET NUMBER: 4

FILE DATE: 07/31/2007

FILE TIME: 06:56

POINT#	X	Y
1:	-0.372	-1.015
2:	0.180	-0.534
3:	1.032	-0.029
4:	0.503	-0.140
5:	0.285	-0.145
6:	0.268	0.316
7:	-0.381	0.238
8:	-0.337	0.704
9:	-0.538	1.039
10:	-0.470	0.849

X CENTROID: 0.017

Y CENTROID: 0.128

POA TO CENTROID: 0.129

HORZ SPREAD: 1.570

VERT SPREAD: 2.054

GROUP SPREAD: 2.061

MIN RADIUS: 0.313

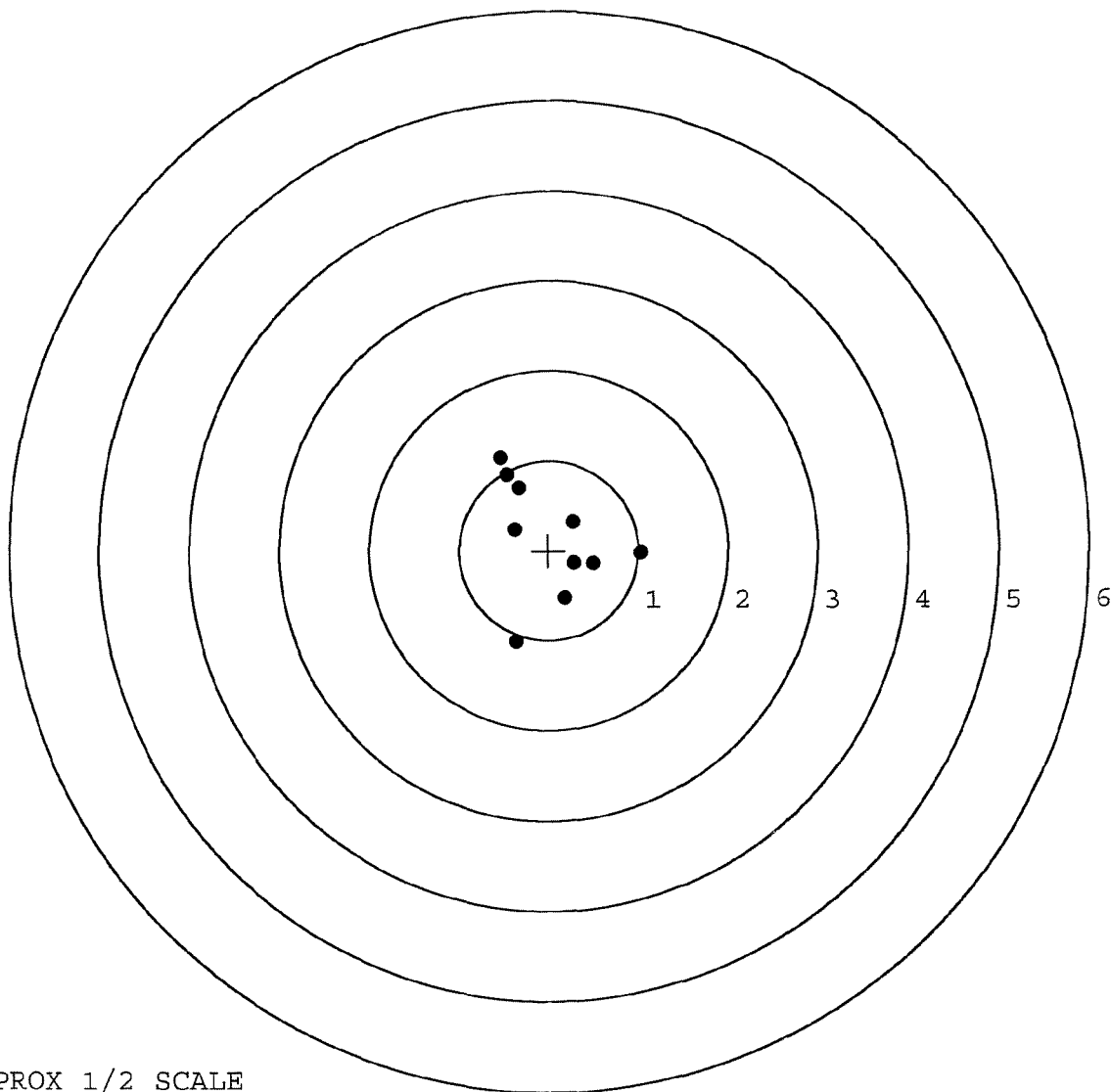
MAX RADIUS: 1.208

MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



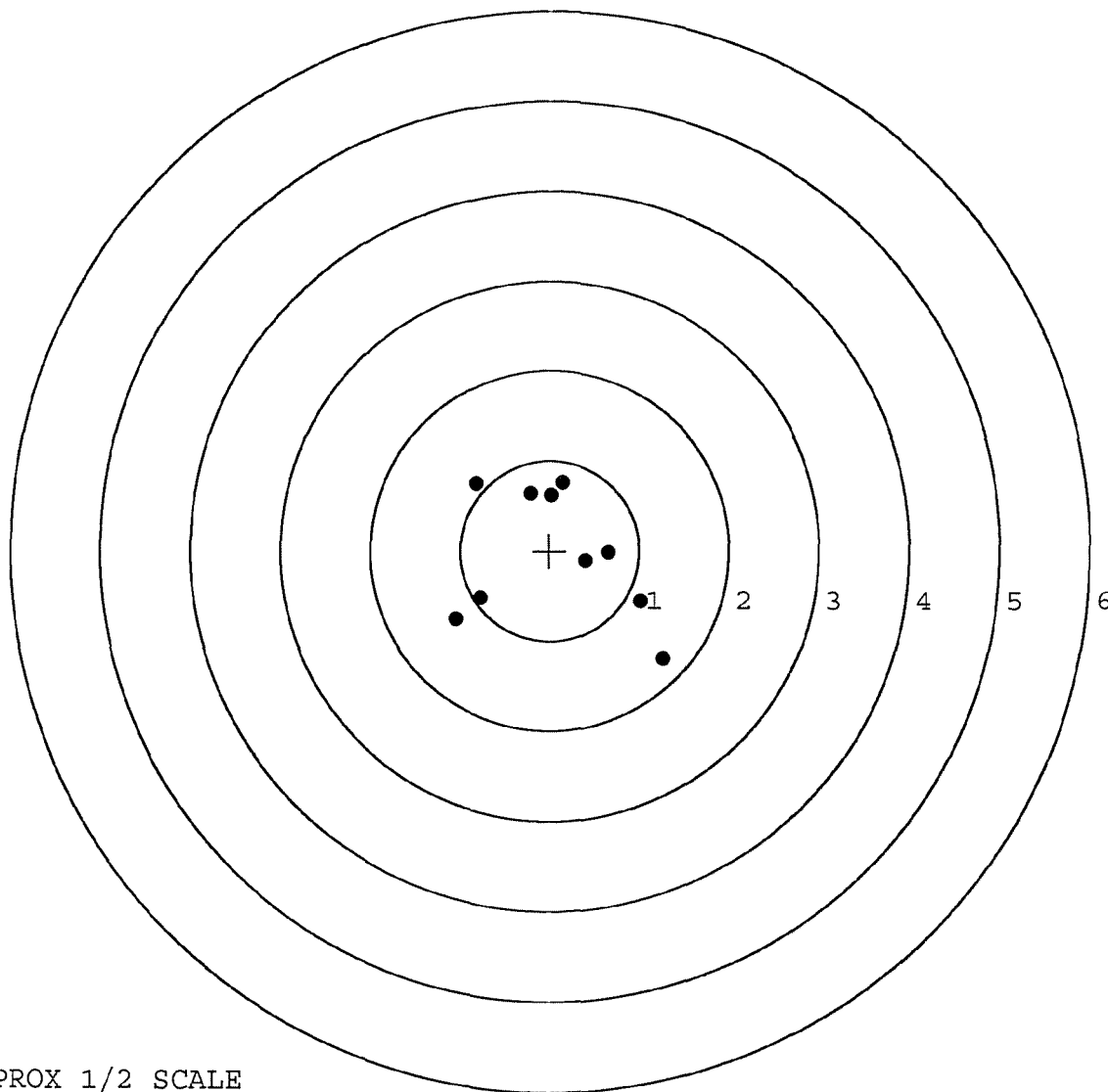
TARGET APPROX 1/2 SCALE

BARBER - M24 0171489

SERIAL NUMBER: G6645322. __0
 TARGET NUMBER: 5
 FILE DATE: 07/31/2007
 FILE TIME: 06:56

POINT#	X	Y
1:	1.270	-1.202
2:	1.018	-0.566
3:	-1.048	-0.764
4:	-0.777	-0.525
5:	0.661	-0.014
6:	0.404	-0.113
7:	0.146	0.759
8:	0.017	0.618
9:	-0.219	0.634
10:	-0.825	0.751

X CENTROID: 0.065
 Y CENTROID: -0.042
 POA TO CENTROID: 0.077
 HORZ SPREAD: 2.318
 VERT SPREAD: 1.961
 GROUP SPREAD: 2.864
 MIN RADIUS: 0.347
 MAX RADIUS: 1.673
 MEAN RADIUS: 0.939
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE