

G663-7676

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTW

UPC



0 47700 25716 7

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SERIAL NO.

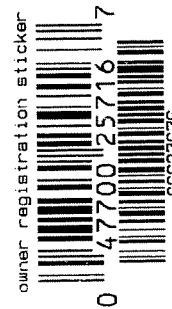


66637676

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

- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6637676



GUN SERIAL # G6637676

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>Unus</u>	3/15/07	Unus
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	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	W
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		3/29/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	Unus
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>9.25</u> <u>9.5</u> <u>9.25</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>2.75</u> <u>2.75</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>.0245</u> <u>.024</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/29/07	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	4-307	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-307	SD
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.80</u> <u>2.51</u> <u>2.82</u> <u>2.22</u> <u>2.25</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4-12-07	RA

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 3/29/07

 TESTER WCH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.54		2.59	
PULL #2	2.46	2.53		2.59	
PULL #3	2.41	2.56		2.64	
PULL #4	2.45	2.58		2.53	
PULL #5	2.42	2.53		2.63	
TOTAL	12.30	12.77		12.98	
AVERAGE	2.46	2.55		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.15		
PULL #2	3.11	3.14		
PULL #3	3.06	3.18		
PULL #4	3.07	3.09		
PULL #5	3.02	3.18		
TOTAL	15.33	15.74		
AVERAGE	3.07	3.15		

	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	4.01	4.06		4.00
PULL #2	3.90	4.07		3.92
PULL #3	3.98	4.05		3.92
PULL #4	3.94	4.07		3.92
PULL #5	3.89	4.06		4.01
TOTAL	19.72	20.31		19.77
AVERAGE	3.94	4.06		3.95

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME.: G6637676.__0
FILE DATE AND TIME: 04/03/2007 23:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	0.052
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.605
The Distance from POA to Centroid Target #1:	0.087
The Distance from Centroid Target #2 to Centroid Target #1:	0.128
The Distance from Centroid Target #3 to Centroid Target #1:	0.140
The Distance from Centroid Target #4 to Centroid Target #1:	0.202
The Distance from Centroid Target #5 to Centroid Target #1:	0.228

BARBER - M24 0144549

SERIAL NUMBER: G6637676. __ 0

TARGET NUMBER: 1

FILE DATE: 04/03/2007

FILE TIME: 23:46

X CENTROID: -0.066

Y CENTROID: 0.057

POA TO CENTROID: 0.087

HORZ SPREAD: 1.554

VERT SPREAD: 0.887

GROUP SPREAD: 1.560

MIN RADIUS: 0.206

MAX RADIUS: 0.941

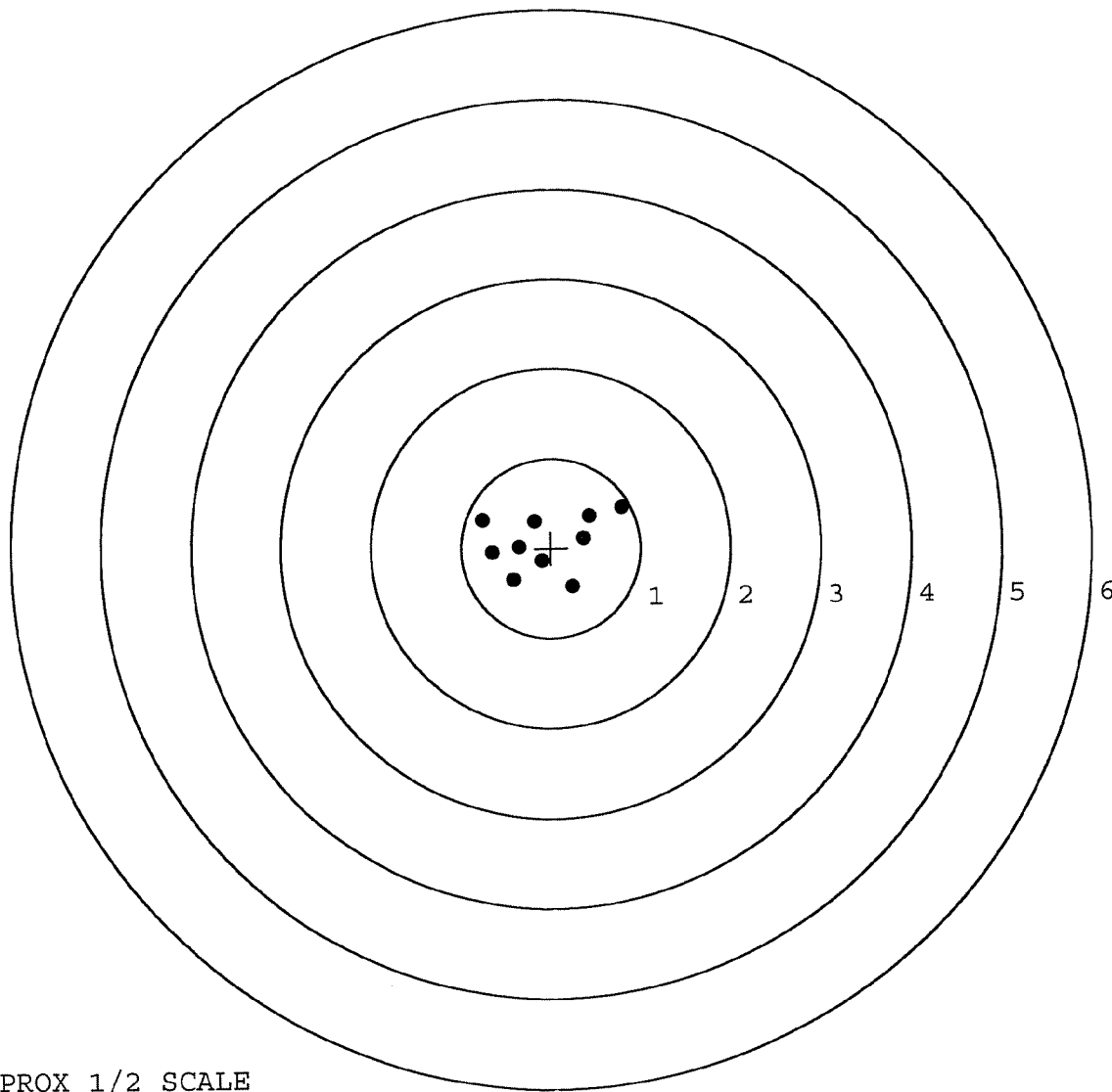
MEAN RADIUS: 0.520

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.765	0.316
2:	0.366	0.111
3:	0.431	0.357
4:	0.789	0.448
5:	0.239	-0.439
6:	-0.103	-0.146
7:	-0.423	-0.356
8:	-0.657	-0.047
9:	-0.357	0.018
10:	-0.183	0.306



TARGET APPROX 1/2 SCALE

BARBER - M24 0144550

SERIAL NUMBER: G6637676. __0

TARGET NUMBER: 2

FILE DATE: 04/03/2007

FILE TIME: 23:46

X CENTROID: 0.004

Y CENTROID: -0.051

POA TO CENTROID: 0.051

HORZ SPREAD: 0.978

VERT SPREAD: 2.603

GROUP SPREAD: 2.666

MIN RADIUS: 0.218

MAX RADIUS: 1.398

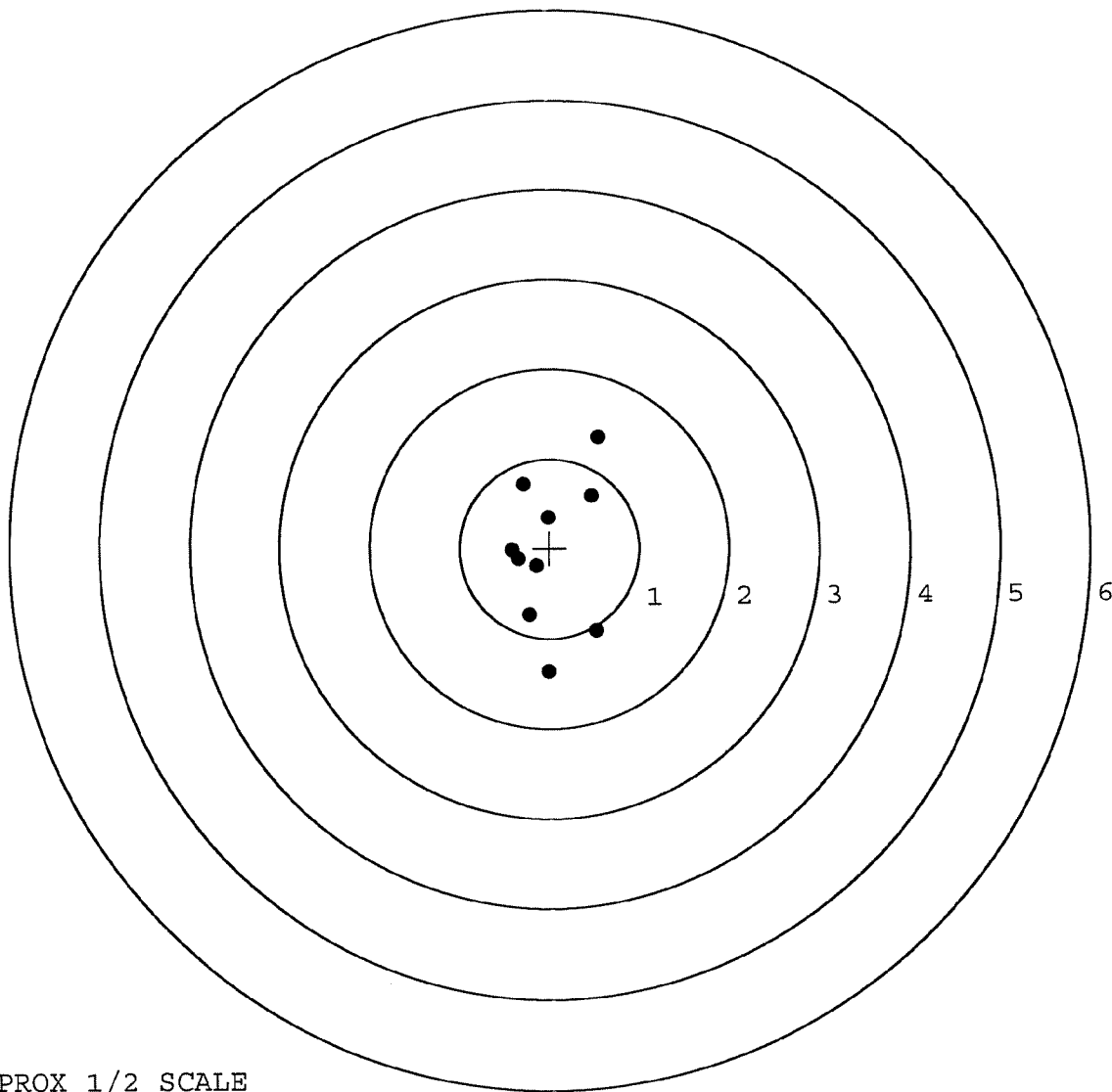
MEAN RADIUS: 0.748

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.293	0.720
2:	-0.017	0.346
3:	0.470	0.582
4:	0.552	1.236
5:	-0.426	-0.023
6:	-0.153	-0.202
7:	-0.229	-0.745
8:	-0.026	-1.367
9:	0.517	-0.926
10:	-0.351	-0.126



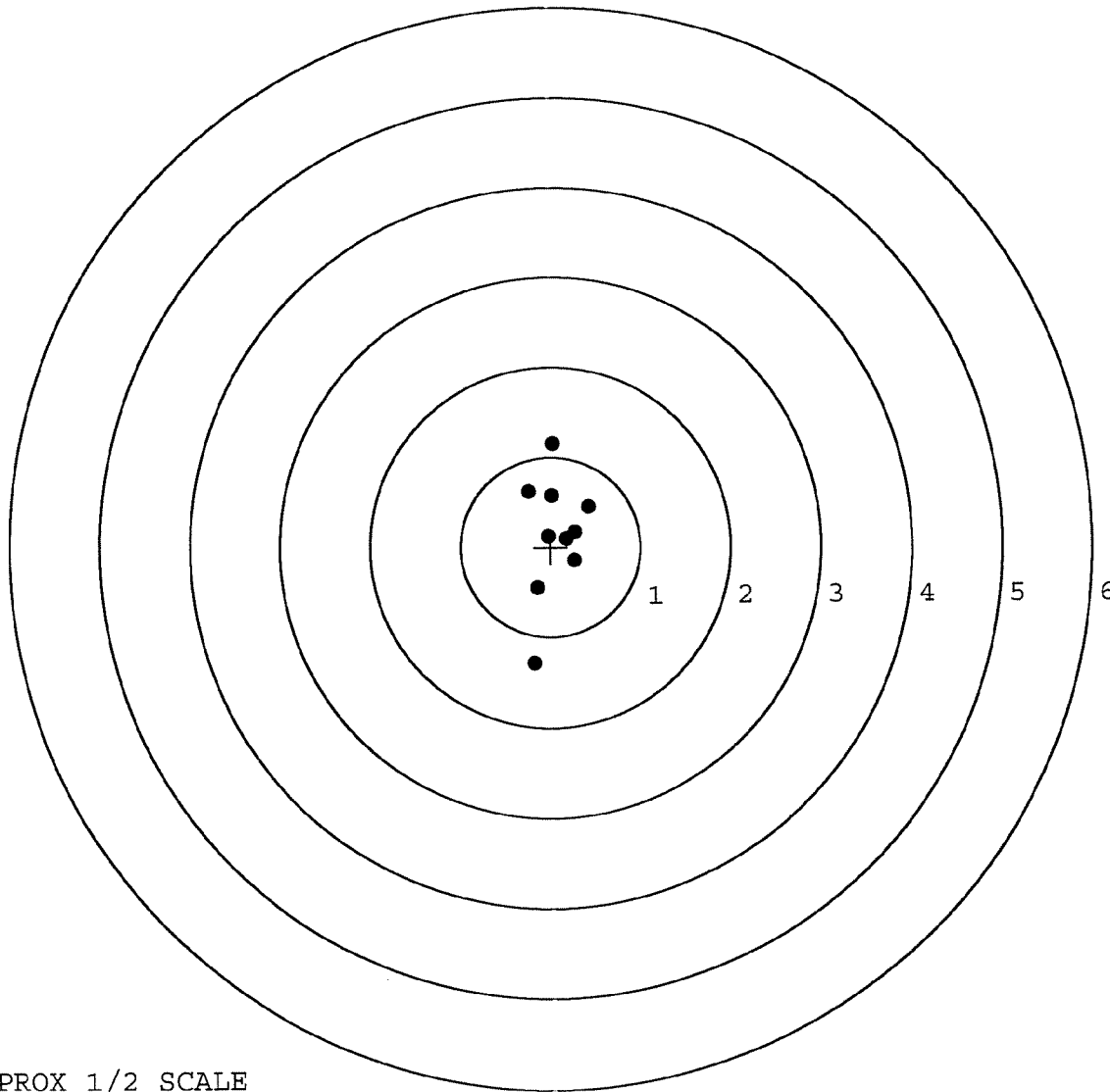
TARGET APPROX 1/2 SCALE

BARBER - M24 0144551

SERIAL NUMBER: G6637676. 0
 TARGET NUMBER: 3
 FILE DATE: 04/03/2007
 FILE TIME: 23:46

POINT#	X	Y
1:	-0.242	0.615
2:	0.015	0.567
3:	0.422	0.446
4:	-0.032	0.118
5:	0.273	0.163
6:	0.262	-0.154
7:	-0.149	-0.464
8:	-0.189	-1.299
9:	0.033	1.150
10:	0.180	0.092

X CENTROID: 0.057
 Y CENTROID: 0.123
 POA TO CENTROID: 0.136
 HORZ SPREAD: 0.664
 VERT SPREAD: 2.449
 GROUP SPREAD: 2.459
 MIN RADIUS: 0.089
 MAX RADIUS: 1.444
 MEAN RADIUS: 0.538
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144552

SERIAL NUMBER: G6637676. __0

TARGET NUMBER: 4

FILE DATE: 04/03/2007

FILE TIME: 23:46

POINT#	X	Y
1:	-0.889	-0.664
2:	-0.064	-0.965
3:	0.754	-0.968
4:	0.674	0.946
5:	0.357	0.171
6:	0.238	0.260
7:	0.132	-0.071
8:	-0.130	0.014
9:	-0.151	0.136
10:	-0.467	0.026

X CENTROID: 0.045

Y CENTROID: -0.112

POA TO CENTROID: 0.120

HORZ SPREAD: 1.643

VERT SPREAD: 1.914

GROUP SPREAD: 2.244

MIN RADIUS: 0.096

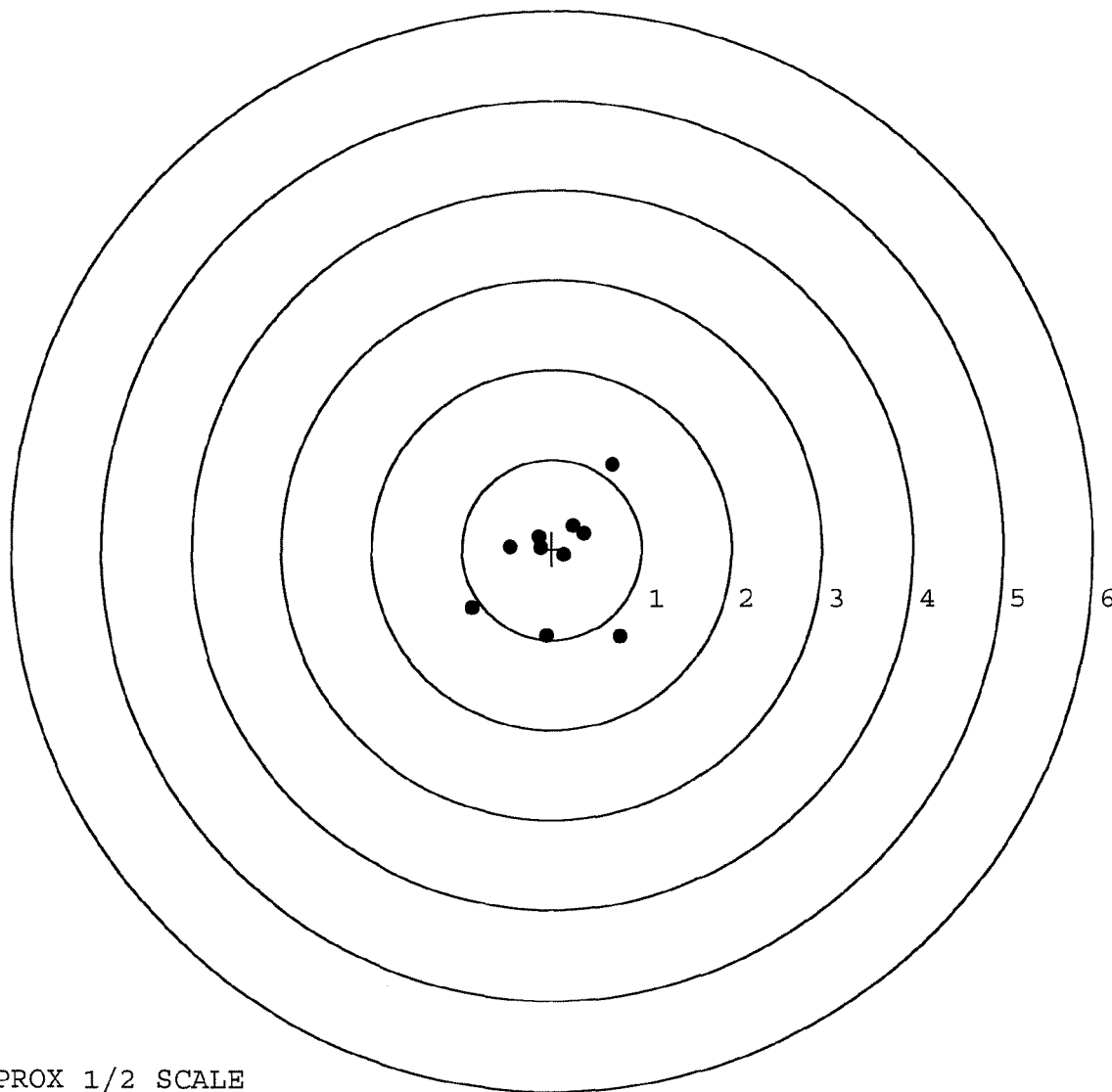
MAX RADIUS: 1.230

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144553

SERIAL NUMBER: G6637676. __ 0

TARGET NUMBER: 5

FILE DATE: 04/03/2007

FILE TIME: 23:46

POINT#	X	Y
1:	-0.778	0.521
2:	-0.386	0.078
3:	-0.397	0.425
4:	-0.118	0.766
5:	-0.013	0.579
6:	0.419	0.807
7:	0.315	0.144
8:	0.386	-0.083
9:	0.598	-0.176
10:	0.630	-0.630

X CENTROID: 0.066

Y CENTROID: 0.243

POA TO CENTROID: 0.252

HORZ SPREAD: 1.408

VERT SPREAD: 1.437

GROUP SPREAD: 1.819

MIN RADIUS: 0.268

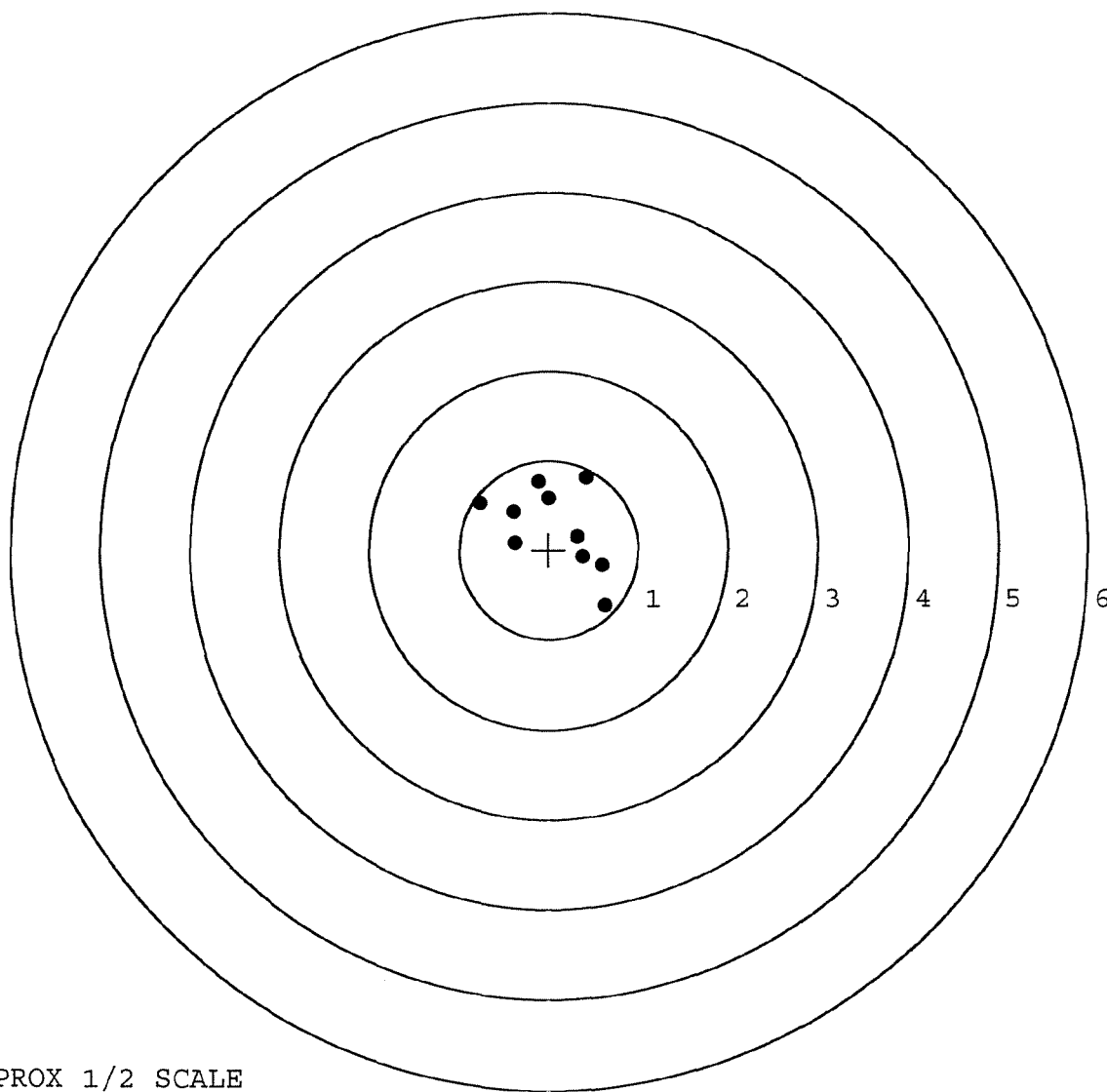
MAX RADIUS: 1.040

MEAN RADIUS: 0.587

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE