

6665393

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



DD FORM

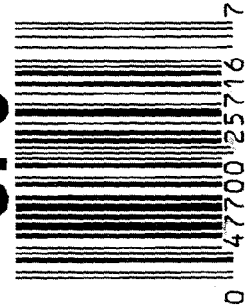
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6605393

UPC



ORDER 25716

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

UPC



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UPC



SERIAL NO.



GUN SERIAL # G6605393

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-6-06	RTZ
420	ASSEMBLE ACTION		9-7-06	RTZ
430	ASSEMBLE TO STOCK		9-7-06	ED
440	PROOF		9-7-06	TRW
460	CHECK HEADSPACE		9-7-06	TRW
470	DIS-ASSEMBLE ACTION		9-7-06	RTZ
480	MAGNAFLUX BBL ACTION		9/11/06	and
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-11-06	CW
510	DRILL AND TAP SIGHT HOLES		9-11-06	TRW
520	GOFF BLAST BBL / REC		9-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/14/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-19-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-19-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-19-06	DA
	D) OIL FIRING PIN ASSEMBLY		9-22-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	and

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>85</u> <u>82</u> <u>85</u>	10-2-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>55</u> <u>52</u> <u>45</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	nm
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.027</u> <u>.027</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-22-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/10/06	nm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-22-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-22-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-22-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-25-06	TKL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-25-06	BD
670	FINAL INSPECTION A) HEADSPACE		10/10/06	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.27</u> <u>2.27</u> <u>2.35</u> <u>2.30</u> <u>2.36</u>	9-26-06	DA
	C) FUNCTION		10/10/06	nm
690	PACK		11/1/06	DA

F004 REV 5/2006

BARBER - M24 0134260AVERAGE 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

9-21-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	249	260		256	
PULL #2	256	261		248	
PULL #3	257	258		263	
PULL #4	256	259		248	
PULL #5	260	255		252	
TOTAL	1278	1293		1267	
AVERAGE	255	258		253	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	308	313		
PULL #2	305	315		
PULL #3	309	309		
PULL #4	306	312		
PULL #5	309	308		
TOTAL	1537	1557		
AVERAGE	307	311		

	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	4.10	4.12		398
PULL #2	4.07	4.09		4.02
PULL #3	4.06	4.12		4.05
PULL #4	4.07	4.14		4.00
PULL #5	4.08	4.11		4.01
TOTAL	20.38	20.58		20.06
AVERAGE	4.07	4.11		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605393.___0

FILE DATE AND TIME: 09/25/2006 23:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

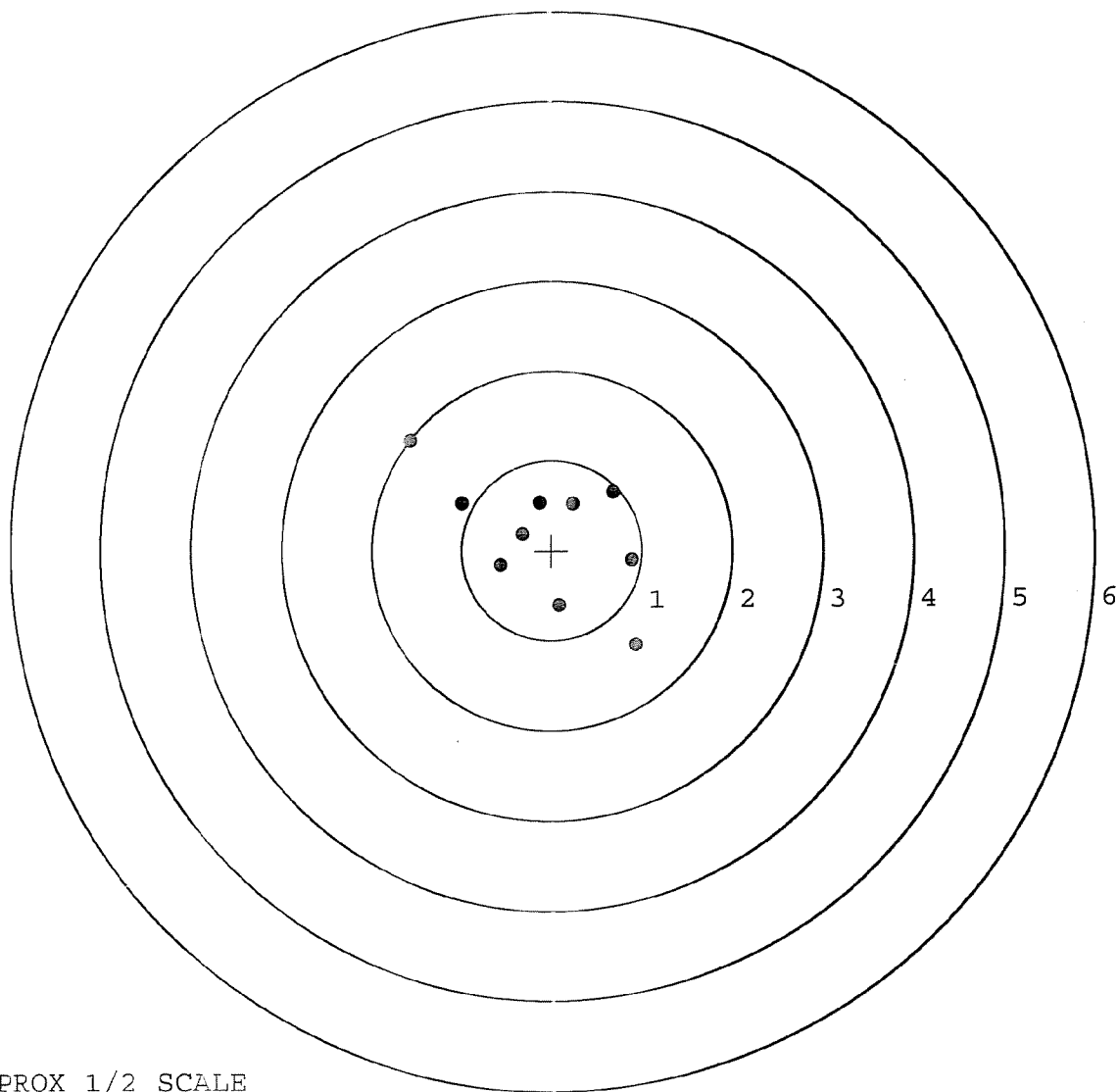
The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	0.056
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.830
The Distance from POA to Centroid Target #1:	0.184
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

BARBER - M24 0134262

SERIAL NUMBER: G6605393. __0
 TARGET NUMBER: 1
 FILE DATE: 09/25/2006
 FILE TIME: 23:52

POINT#	X	Y
1:	-1.570	1.228
2:	-0.999	0.528
3:	-0.572	-0.163
4:	-0.322	0.182
5:	-0.130	0.532
6:	0.235	0.518
7:	0.680	0.640
8:	0.892	-0.118
9:	0.082	-0.615
10:	0.931	-1.063

X CENTROID: -0.077
 Y CENTROID: 0.167
 POA TO CENTROID: 0.184
 HORZ SPREAD: 2.501
 VERT SPREAD: 2.291
 GROUP SPREAD: 3.392
 MIN RADIUS: 0.245
 MAX RADIUS: 1.831
 MEAN RADIUS: 0.879
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0134263

SERIAL NUMBER: G6605393. __0

TARGET NUMBER: 2

FILE DATE: 09/25/2006

FILE TIME: 23:52

POINT#	X	Y
1:	0.078	0.366
2:	1.260	0.977
3:	1.830	0.603
4:	0.242	-0.161
5:	0.188	-0.329
6:	-0.301	-0.052
7:	-0.398	0.324
8:	-1.527	0.197
9:	-1.050	-1.503
10:	0.084	0.094

X CENTROID: 0.041

Y CENTROID: 0.052

POA TO CENTROID: 0.066

HORZ SPREAD: 3.357

VERT SPREAD: 2.480

GROUP SPREAD: 3.568

MIN RADIUS: 0.061

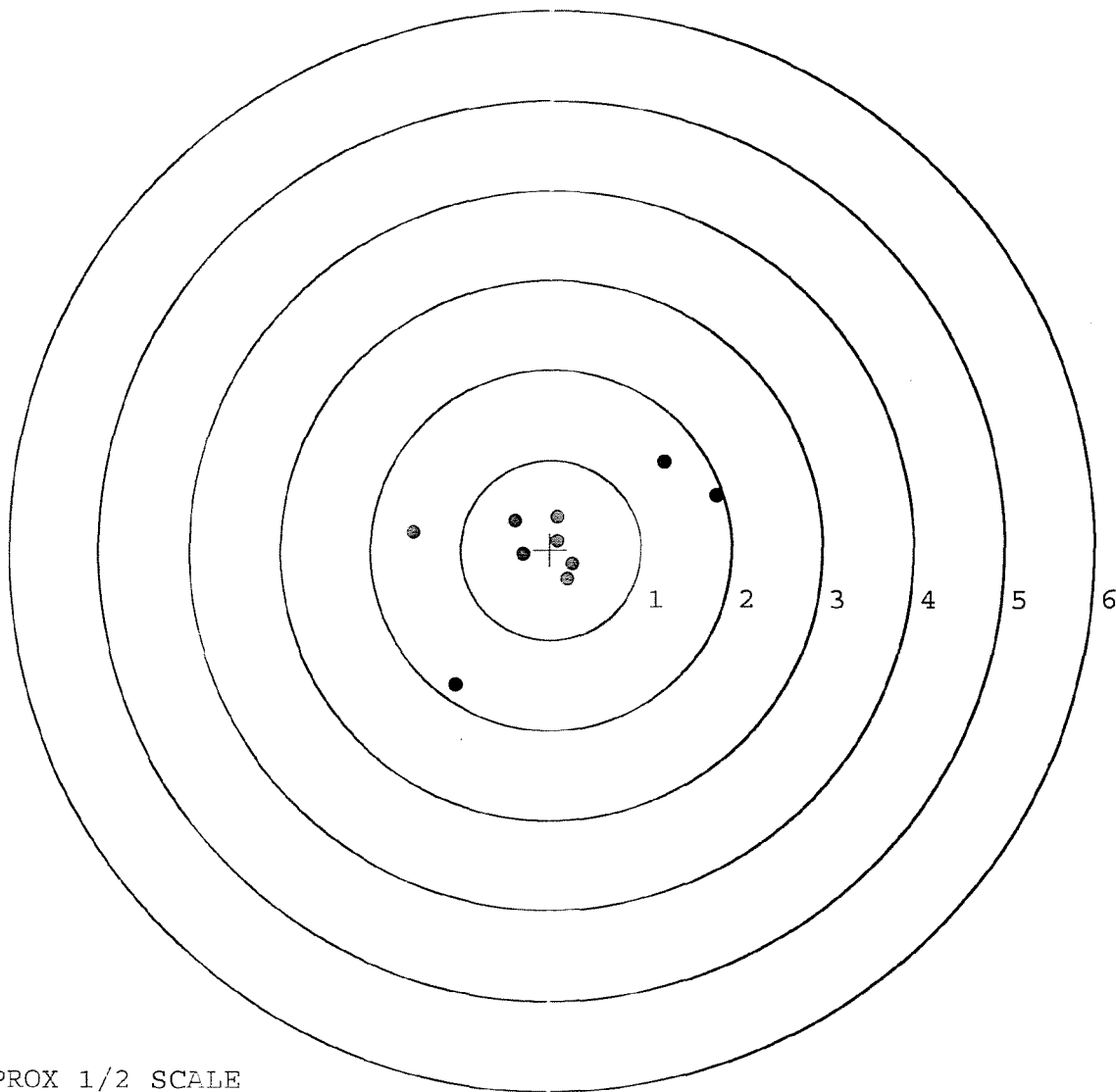
MAX RADIUS: 1.899

MEAN RADIUS: 0.883

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 6

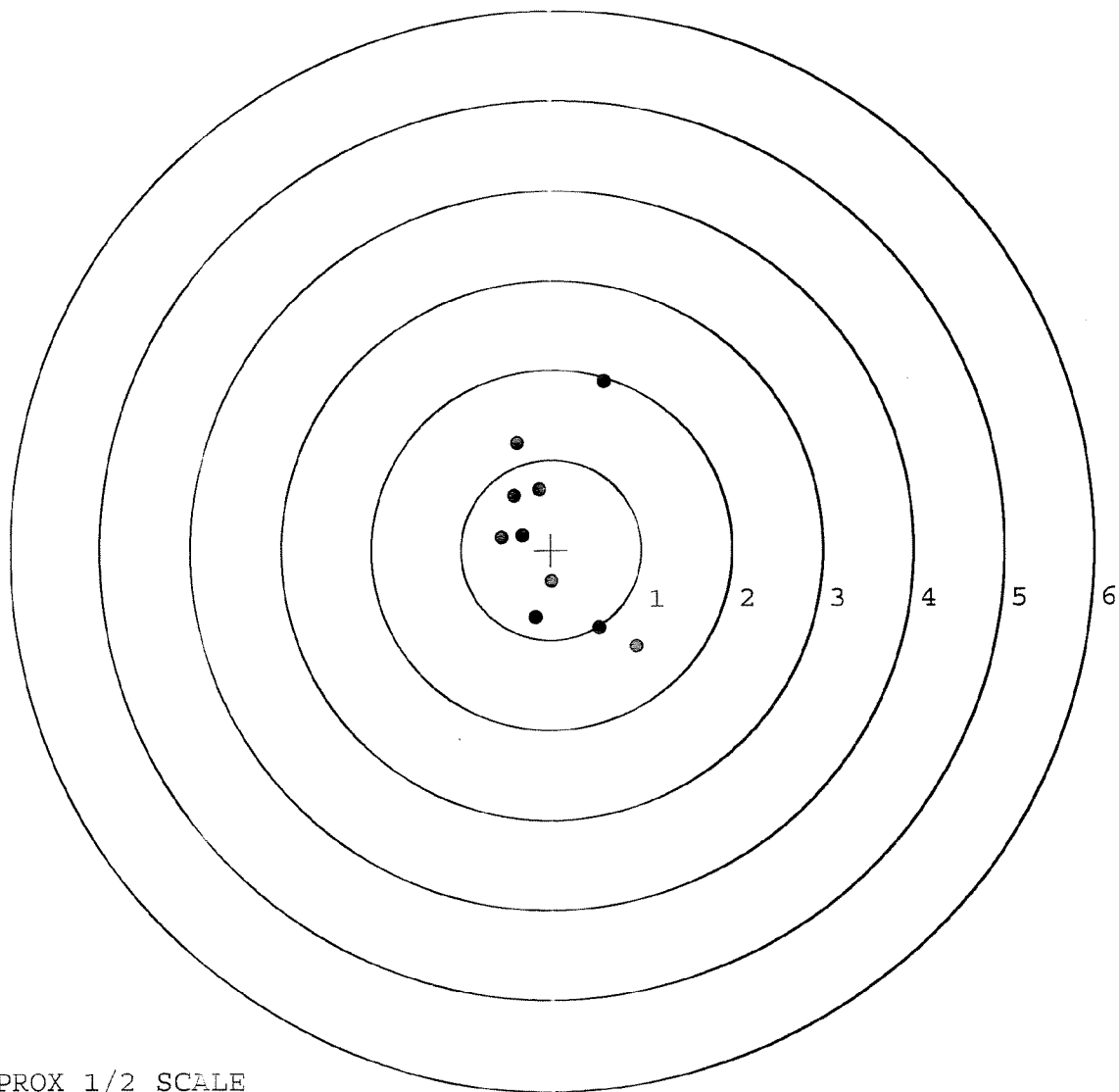


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6605393. __0
 TARGET NUMBER: 3
 FILE DATE: 09/25/2006
 FILE TIME: 23:52

POINT#	X	Y
1:	-0.376	1.180
2:	0.588	1.860
3:	-0.411	0.604
4:	-0.130	0.668
5:	-0.314	0.162
6:	-0.552	0.144
7:	0.007	-0.351
8:	-0.177	-0.760
9:	0.527	-0.875
10:	0.941	-1.084

X CENTROID: 0.010
 Y CENTROID: 0.155
 POA TO CENTROID: 0.155
 HORZ SPREAD: 1.493
 VERT SPREAD: 2.944
 GROUP SPREAD: 2.965
 MIN RADIUS: 0.324
 MAX RADIUS: 1.800
 MEAN RADIUS: 0.907
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0134265

SERIAL NUMBER: G6605393. __0

TARGET NUMBER: 4

FILE DATE: 09/25/2006

FILE TIME: 23:52

POINT#	X	Y
1:	0.234	0.682
2:	0.540	0.344
3:	0.914	0.268
4:	0.161	-0.344
5:	0.018	-0.136
6:	-0.292	-0.368
7:	-0.275	-0.944
8:	-0.500	-1.082
9:	-0.770	0.195
10:	-1.401	0.874

X CENTROID: -0.137

Y CENTROID: -0.051

POA TO CENTROID: 0.146

HORZ SPREAD: 2.315

VERT SPREAD: 1.956

GROUP SPREAD: 2.393

MIN RADIUS: 0.177

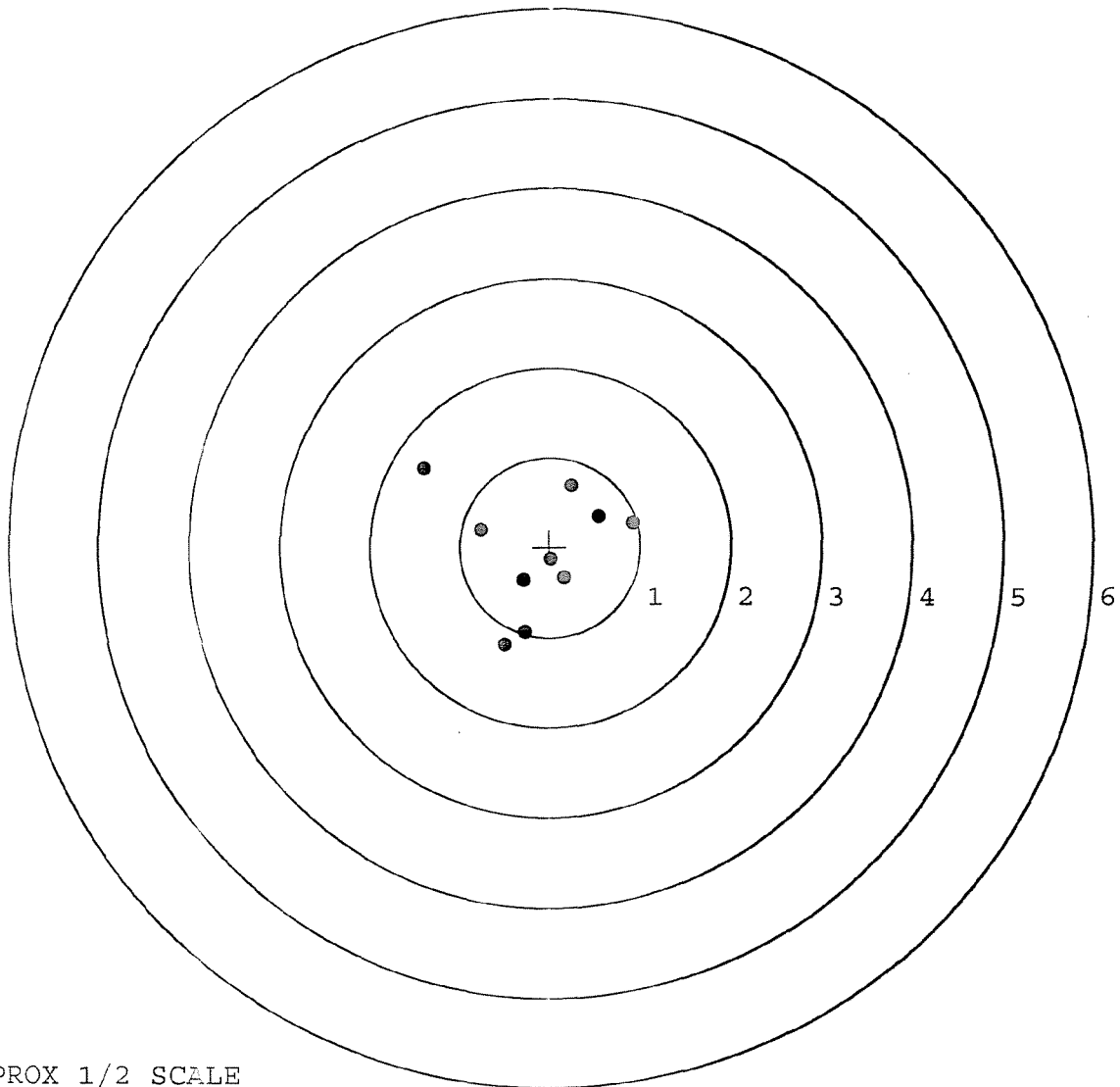
MAX RADIUS: 1.566

MEAN RADIUS: 0.789

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0134266

SERIAL NUMBER: G6605393. __0

TARGET NUMBER: 5

FILE DATE: 09/25/2006

FILE TIME: 23:52

POINT#	X	Y
1:	-0.987	1.455
2:	0.201	0.746
3:	-0.285	0.189
4:	-0.609	-0.030
5:	-0.343	-0.148
6:	0.279	-0.199
7:	0.647	-0.216
8:	-0.327	-0.472
9:	-0.371	-0.893
10:	-0.073	-0.857

X CENTROID: -0.187

Y CENTROID: -0.042

POA TO CENTROID: 0.192

HORZ SPREAD: 1.634

VERT SPREAD: 2.348

GROUP SPREAD: 2.486

MIN RADIUS: 0.188

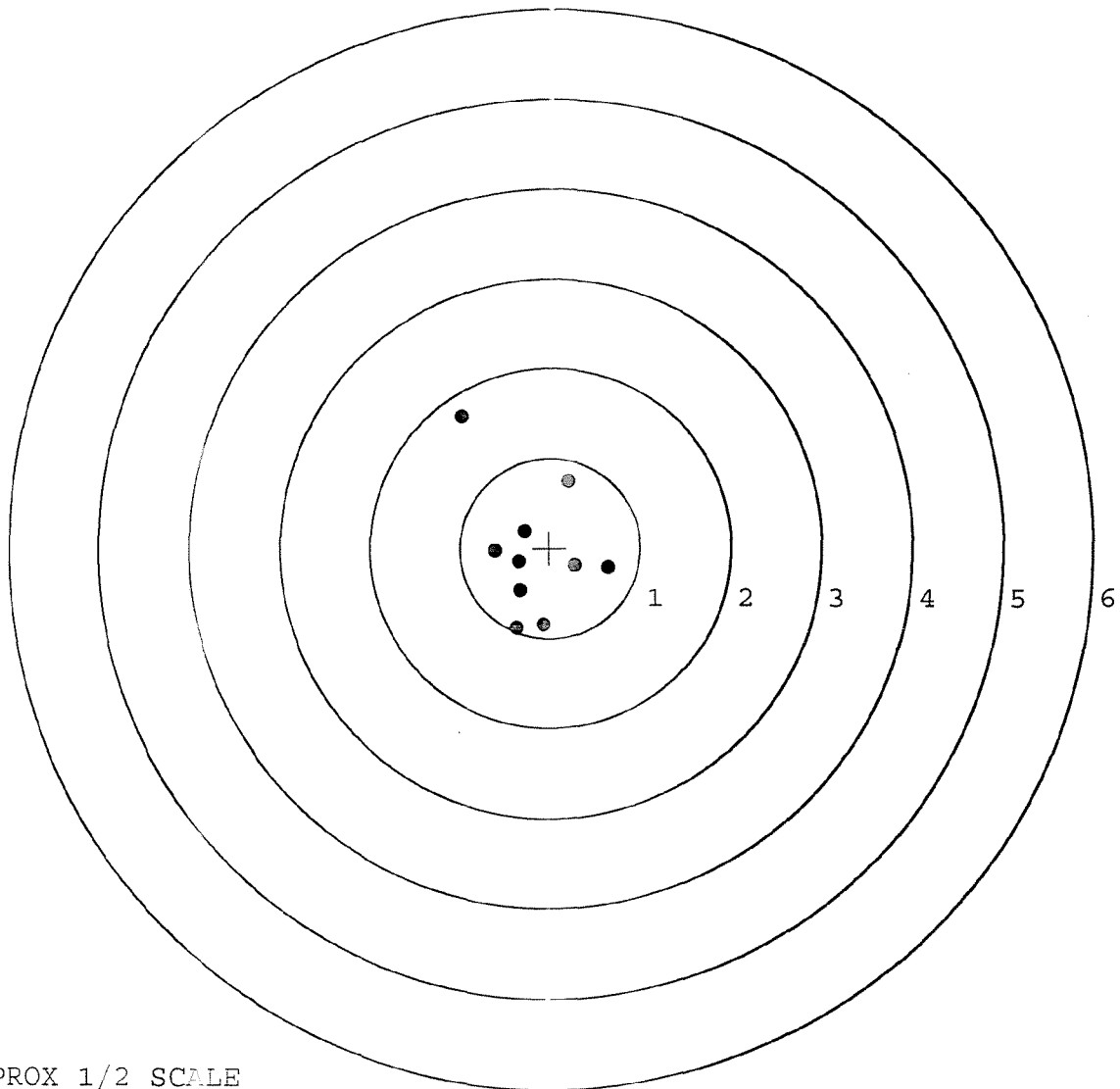
MAX RADIUS: 1.698

MEAN RADIUS: 0.693

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE