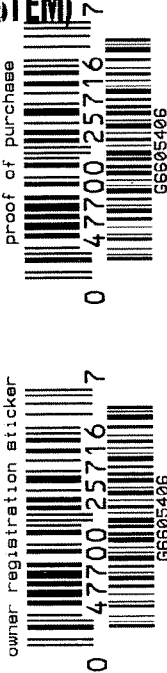


G 660 5406

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

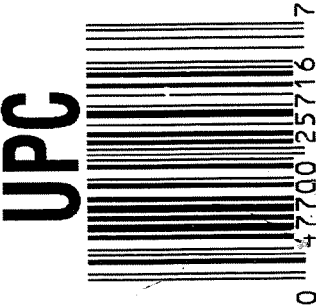
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6605406



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



SERIAL NO.



GUN SERIAL # G6605406

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-6-06	RTZ
420	ASSEMBLE ACTION		9-13-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		9-13-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-13-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 18 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	9/18/06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-18-06	CW
510	DRILL AND TAP SIGHT HOLES		9-15-06	TRW
520	GOFF BLAST BBL / REC		9-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/20/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/21/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/21/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/21/06	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	msm

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8°</u> <u>6°</u> <u>7°</u>	10-2-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5°</u> <u>5°</u> <u>5°</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	WCH
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.025</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-22-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/10/06	WCH
	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	9-23-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-23-06	DK
670	FINAL INSPECTION A) HEADSPACE		10/10/06	WCH
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.42</u> <u>2.44</u> <u>2.49</u> <u>2.43</u> <u>2.43</u>	9-25-06	RA
	C) FUNCTION		10/10/06	WCH
690	PACK		10-31-06	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

9-21-06

TESTER

RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	230	255		239	
PULL #2	235	249		236	
PULL #3	234	248		235	
PULL #4	228	247		234	
PULL #5	232	243		240	
TOTAL	1159	1242		1184	
AVERAGE	231	248		236	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	305	311		
PULL #2	307	309		
PULL #3	306	309		
PULL #4	306	304		
PULL #5	309	304		
TOTAL	1533	1537		
AVERAGE	306	307		

	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	420	395		412
PULL #2	421	391		397
PULL #3	399	409		418
PULL #4	400	393		394
PULL #5	397	398		419
TOTAL	2037	1986		2040
AVERAGE	407	397		408

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605406.__0
FILE DATE AND TIME: 09/25/2006 06:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

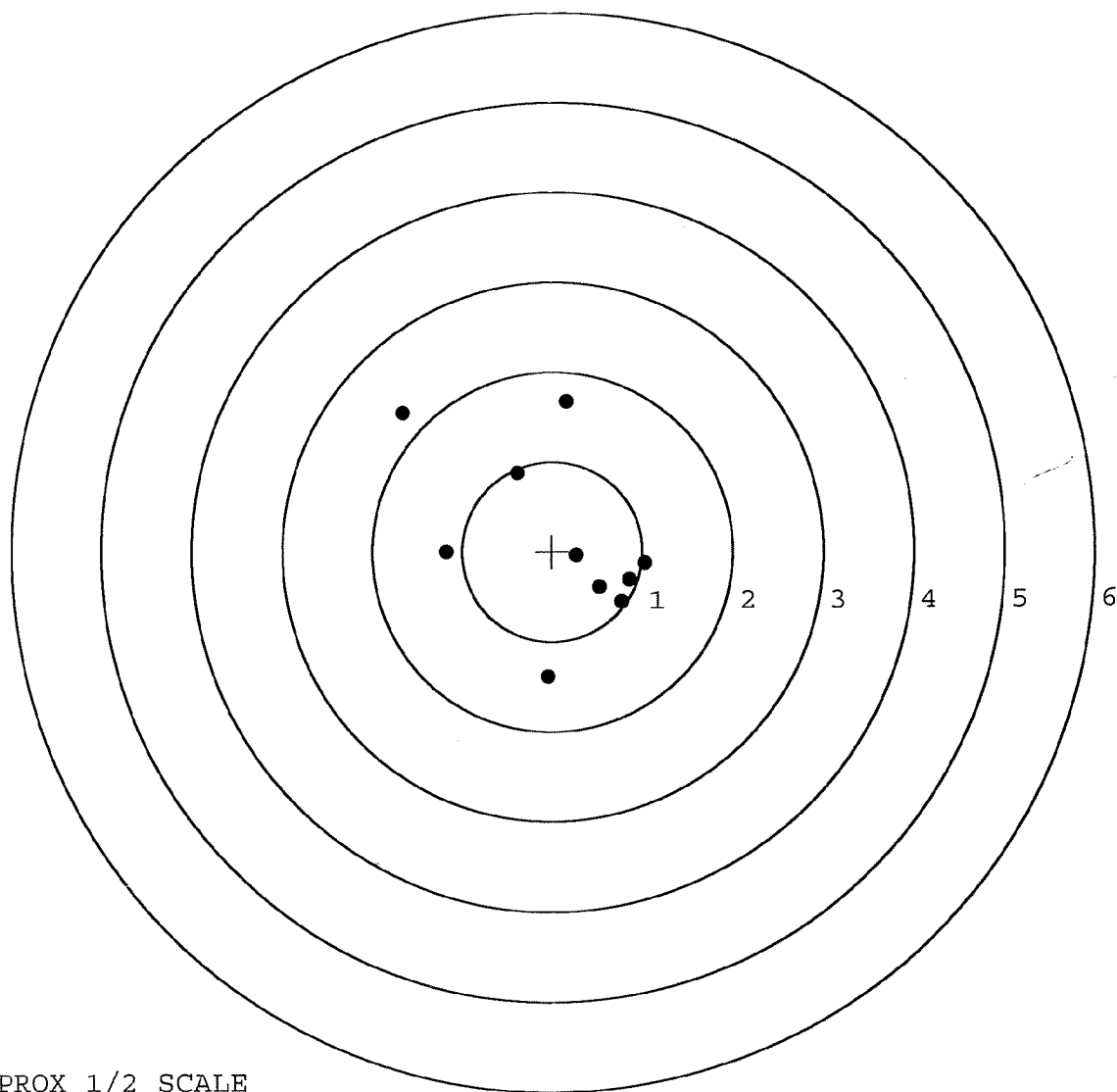
The Average X Centroid of the Five Target Set:	-0.073
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.127
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.176
The Distance from Centroid Target #4 to Centroid Target #1:	0.310
The Distance from Centroid Target #5 to Centroid Target #1:	0.109

BARBER - M24 0134434

SERIAL NUMBER: G6605406. __0
 TARGET NUMBER: 1
 FILE DATE: 09/25/2006
 FILE TIME: 06:25

POINT#	X	Y
1:	-0.051	-1.396
2:	1.030	-0.144
3:	0.857	-0.323
4:	0.768	-0.567
5:	0.526	-0.405
6:	0.273	-0.049
7:	-1.178	0.005
8:	-0.381	0.875
9:	0.173	1.669
10:	-1.660	1.558

X CENTROID: 0.036
 Y CENTROID: 0.122
 POA TO CENTROID: 0.127
 HORZ SPREAD: 2.690
 VERT SPREAD: 3.065
 GROUP SPREAD: 3.364
 MIN RADIUS: 0.293
 MAX RADIUS: 2.222
 MEAN RADIUS: 1.136
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7



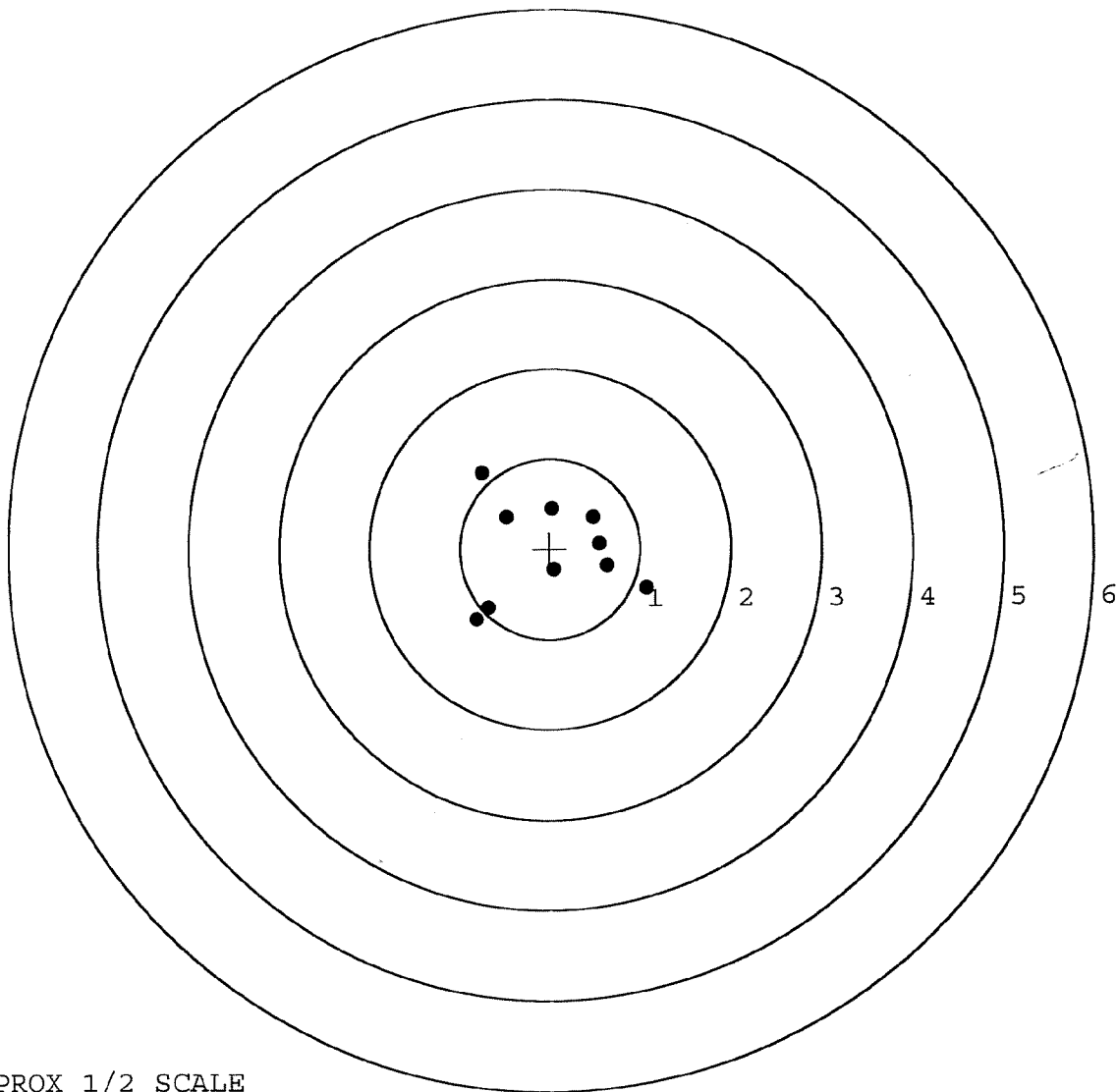
TARGET APPROX 1/2 SCALE

BARBER - M24 0134435

SERIAL NUMBER: G6605406. __0
 TARGET NUMBER: 2
 FILE DATE: 09/25/2006
 FILE TIME: 06:25

POINT#	X	Y
1:	-0.815	-0.779
2:	-0.685	-0.647
3:	1.067	-0.445
4:	0.051	-0.231
5:	0.637	-0.190
6:	0.547	0.054
7:	0.484	0.349
8:	0.027	0.447
9:	-0.481	0.355
10:	-0.749	0.851

X CENTROID: 0.008
 Y CENTROID: -0.024
 POA TO CENTROID: 0.025
 HORZ SPREAD: 1.882
 VERT SPREAD: 1.630
 GROUP SPREAD: 2.231
 MIN RADIUS: 0.212
 MAX RADIUS: 1.157
 MEAN RADIUS: 0.745
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0134436

SERIAL NUMBER: G6605406. __ 0

TARGET NUMBER: 3

FILE DATE: 09/25/2006

FILE TIME: 06:25

POINT#	X	Y
1:	1.053	-0.339
2:	0.597	-0.584
3:	-0.578	-0.478
4:	-0.179	-0.137
5:	-0.049	0.050
6:	0.019	0.396
7:	-0.090	0.578
8:	-0.409	0.552
9:	-0.737	0.643
10:	-1.030	0.610

X CENTROID: -0.140

Y CENTROID: 0.129

POA TO CENTROID: 0.191

HORZ SPREAD: 2.083

VERT SPREAD: 1.227

GROUP SPREAD: 2.289

MIN RADIUS: 0.121

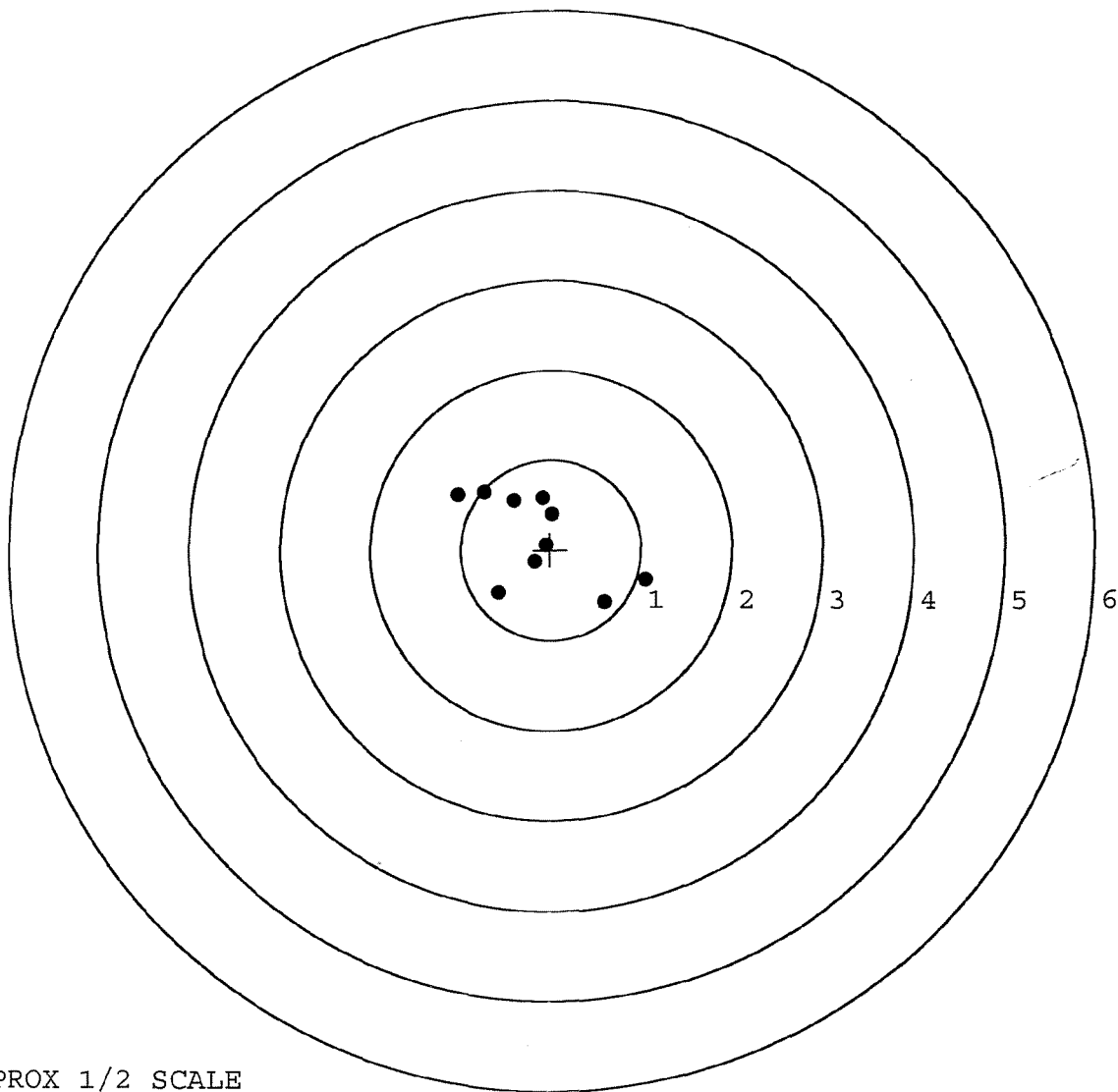
MAX RADIUS: 1.282

MEAN RADIUS: 0.651

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0134437

SERIAL NUMBER: G6605406. __0

TARGET NUMBER: 4

FILE DATE: 09/25/2006

FILE TIME: 06:25

POINT#	X	Y
1:	0.727	0.317
2:	0.426	-0.113
3:	0.250	0.318
4:	-0.127	0.593
5:	0.005	-0.059
6:	-0.368	0.124
7:	-0.551	-0.121
8:	-0.394	-1.139
9:	-1.086	-1.021
10:	-1.317	0.979

X CENTROID: -0.244

Y CENTROID: -0.012

POA TO CENTROID: 0.244

HORZ SPREAD: 2.044

VERT SPREAD: 2.118

GROUP SPREAD: 2.310

MIN RADIUS: 0.185

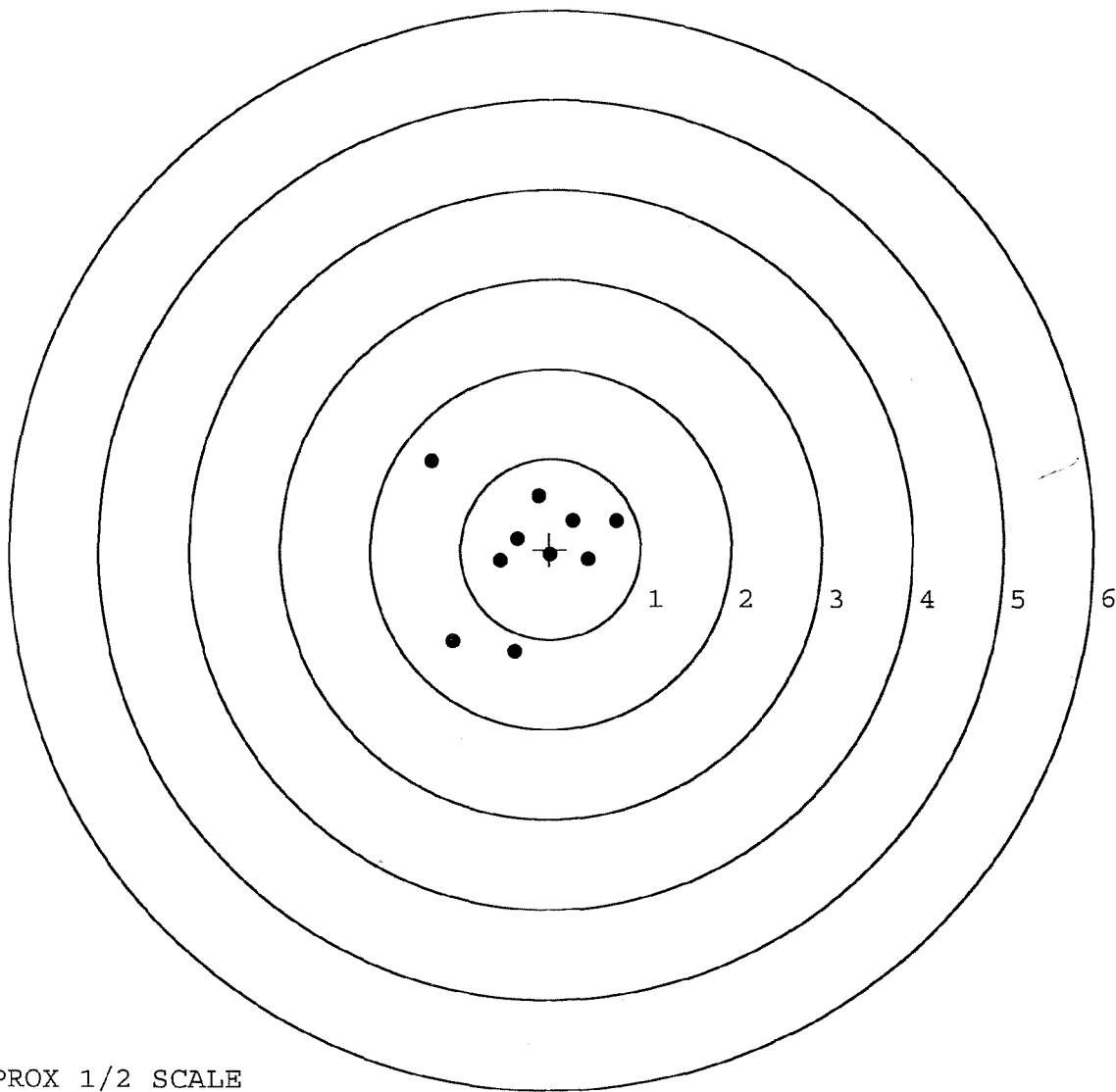
MAX RADIUS: 1.461

MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0134438

SERIAL NUMBER: G6605406. __0

TARGET NUMBER: 5

FILE DATE: 09/25/2006

FILE TIME: 06:25

POINT#	X	Y
1:	-0.954	0.410
2:	-0.618	-0.201
3:	0.107	0.768
4:	-0.143	0.402
5:	0.310	-0.706
6:	0.502	-0.293
7:	-0.136	-0.318
8:	0.303	-0.069
9:	0.062	0.039
10:	0.339	0.273

X CENTROID: -0.023

Y CENTROID: 0.031

POA TO CENTROID: 0.038

HORZ SPREAD: 1.456

VERT SPREAD: 1.474

GROUP SPREAD: 1.686

MIN RADIUS: 0.085

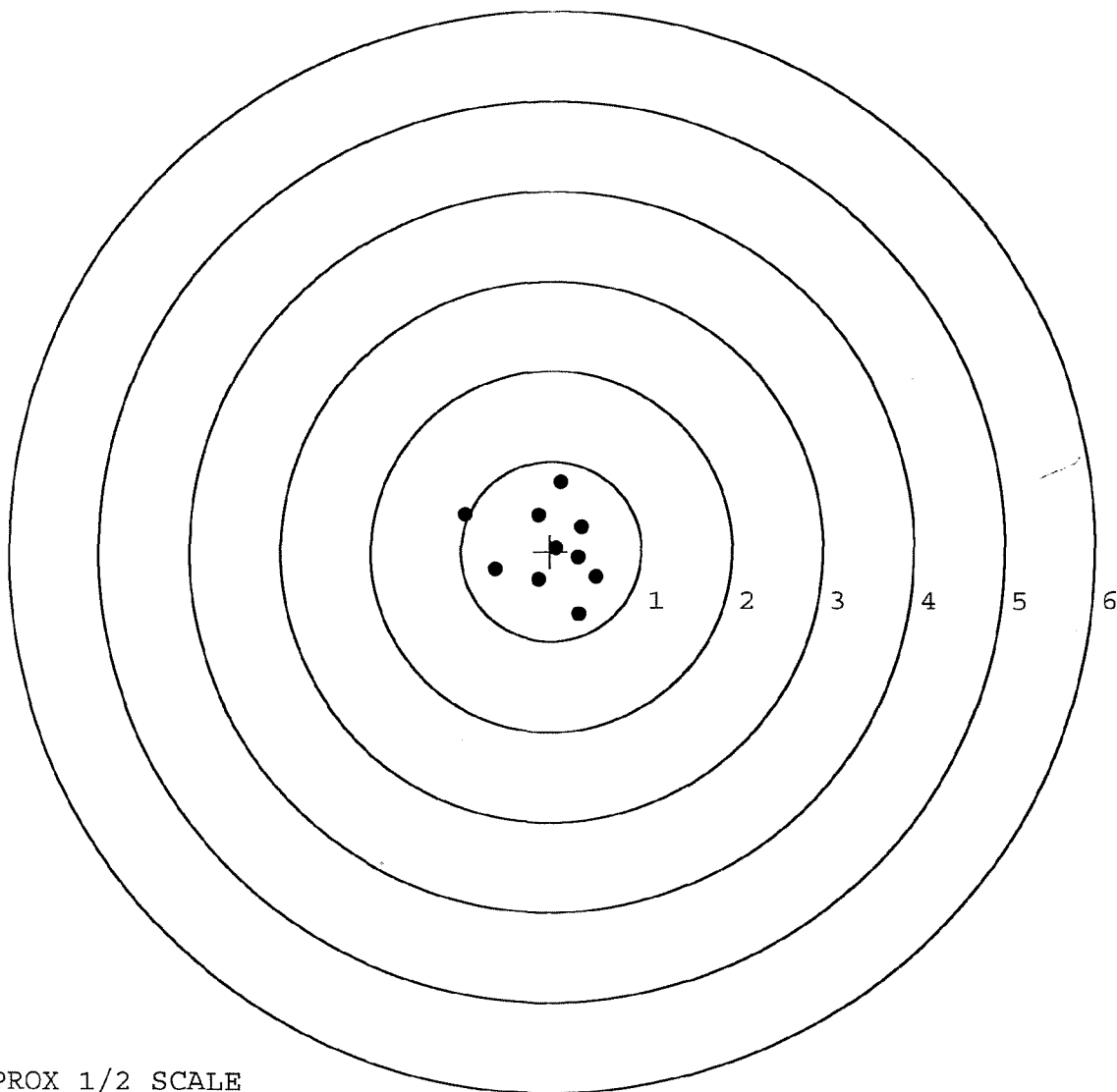
MAX RADIUS: 1.006

MEAN RADIUS: 0.544

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE