

G-659 1515

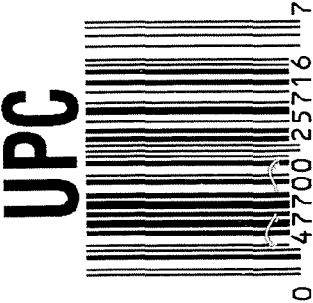
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591515



DD FORM

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591515

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-25-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-26-06	DK
440	PROOF	MAGNA-FLUX	9-26-06	TRW
460	CHECK HEADSPACE	INSPECTED	9-26-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 27 2006	9-26-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	9/27/06	<u>mm</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	CW
510	DRILL AND TAP SIGHT HOLES		9-27-06	TRW
520	GOFF BLAST BBL / REC		9-27-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/28/06	TRB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/29/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/29/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/29/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-2-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	mm

F004 REV 5/2006

OP # BARBER M24 M16 F268			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7°</u>	<u>6°</u>	<u>7°</u>	10-3-06	SD		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>5°</u>	<u>4°</u>	<u>4°</u>	10-3-06	SD		
	H) TRIGGER PULL TEST AND RETAINABILITY					10/11/06	mon		
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.024</u>	<u>.024</u>	10-3-06	SD		
	J) ASSEMBLE STOCK					10-2-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS					10/11/06	mon		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					10-2-06	RTZ		
	M) IRON SIGHT ALIGNMENT					10-2-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					10-2-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		10-2-06	TRW		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					10/2			
670	FINAL INSPECTION A) HEADSPACE					10/11/06	mon		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.82</u>	<u>2.81</u>	<u>2.80</u>	<u>2.82</u>	<u>2.88</u>	10-3-06	DA
	C) FUNCTION					10/11/06	mon		
690	PACK					10-3-06	DA		

F004 REV 5/2006

BARBER - M24 0167269AVERAGE 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 9-30-06TESTER RP.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.58		2.47	
PULL #2	2.57	2.60		2.52	
PULL #3	2.57	2.55		2.53	
PULL #4	2.64	2.55		2.50	
PULL #5	2.64	2.55		2.47	
TOTAL	13.05	12.83		12.49	
AVERAGE	2.61	2.56		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.10		
PULL #2	3.06	3.08		
PULL #3	3.09	3.07		
PULL #4	3.09	3.05		
PULL #5	3.05	3.08		
TOTAL	15.32	15.38		
AVERAGE	3.06	3.07		

	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	4.23	4.16		4.01
PULL #2	4.08	4.15		4.03
PULL #3	4.12	4.10		4.03
PULL #4	4.15	4.09		4.06
PULL #5	4.12	4.09		4.02
TOTAL	20.70	20.59		20.15
AVERAGE	4.14	4.11		4.03

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0167269 167308

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591515.__0
FILE DATE AND TIME: 10/02/2006 23:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.100
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.232
The Distance from Centroid Target #2 to Centroid Target #1:	0.054
The Distance from Centroid Target #3 to Centroid Target #1:	0.251
The Distance from Centroid Target #4 to Centroid Target #1:	0.490
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

SERIAL NUMBER: G6591515. __0

TARGET NUMBER: 1

FILE DATE: 10/02/2006

FILE TIME: 23:35

X CENTROID: -0.016

Y CENTROID: -0.231

POA TO CENTROID: 0.232

HORZ SPREAD: 3.548

VERT SPREAD: 2.302

GROUP SPREAD: 3.550

MIN RADIUS: 0.291

MAX RADIUS: 2.199

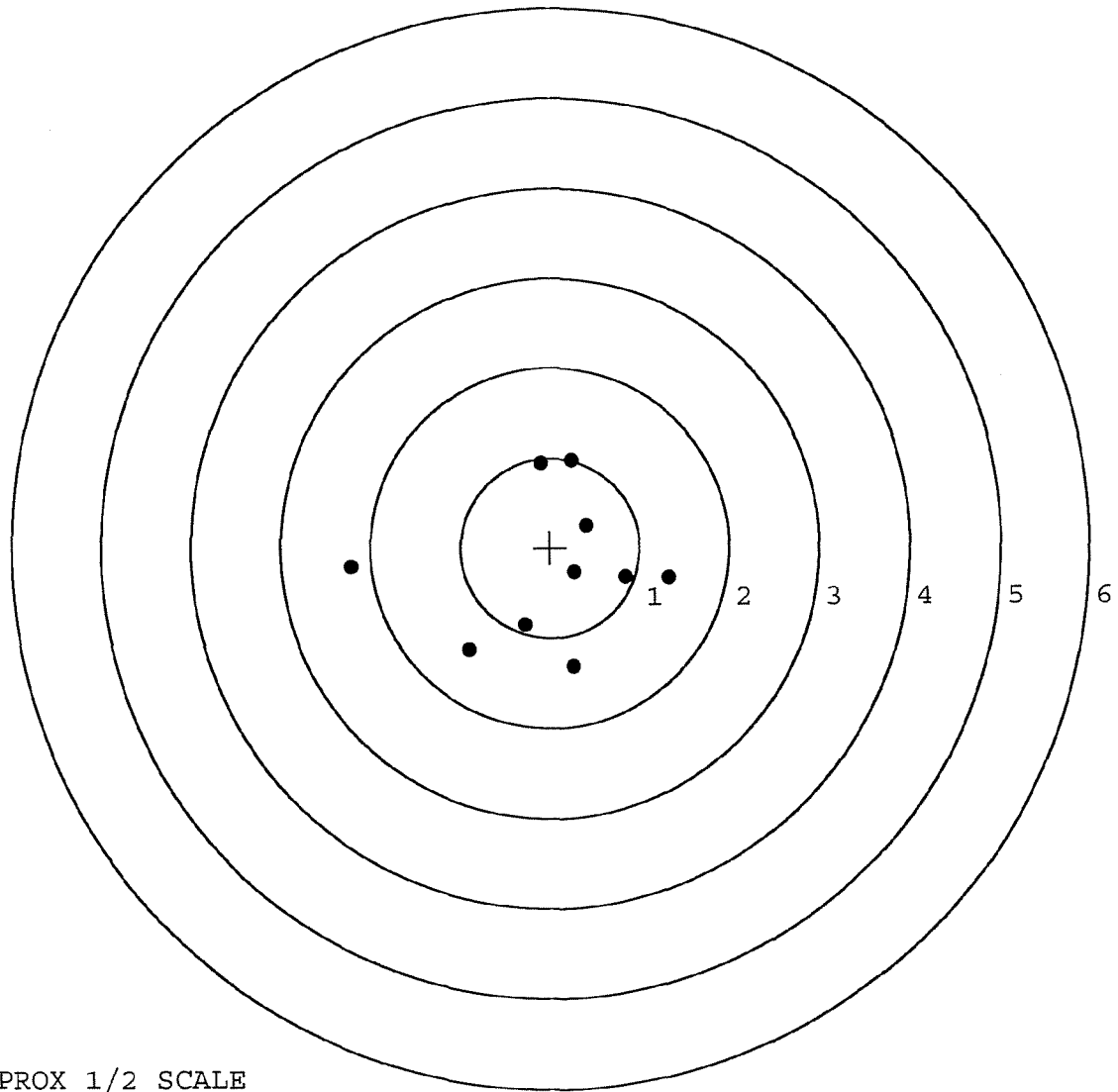
MEAN RADIUS: 1.084

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.104	0.942
2:	0.243	0.979
3:	0.401	0.252
4:	0.843	-0.333
5:	1.333	-0.336
6:	0.271	-0.277
7:	0.263	-1.323
8:	-0.291	-0.862
9:	-0.903	-1.139
10:	-2.215	-0.213



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591515. 0

TARGET NUMBER: 2

FILE DATE: 10/02/2006

FILE TIME: 23:35

X CENTROID: 0.022

Y CENTROID: -0.269

POA TO CENTROID: 0.270

HORZ SPREAD: 2.854

VERT SPREAD: 1.611

GROUP SPREAD: 2.856

MIN RADIUS: 0.332

MAX RADIUS: 1.591

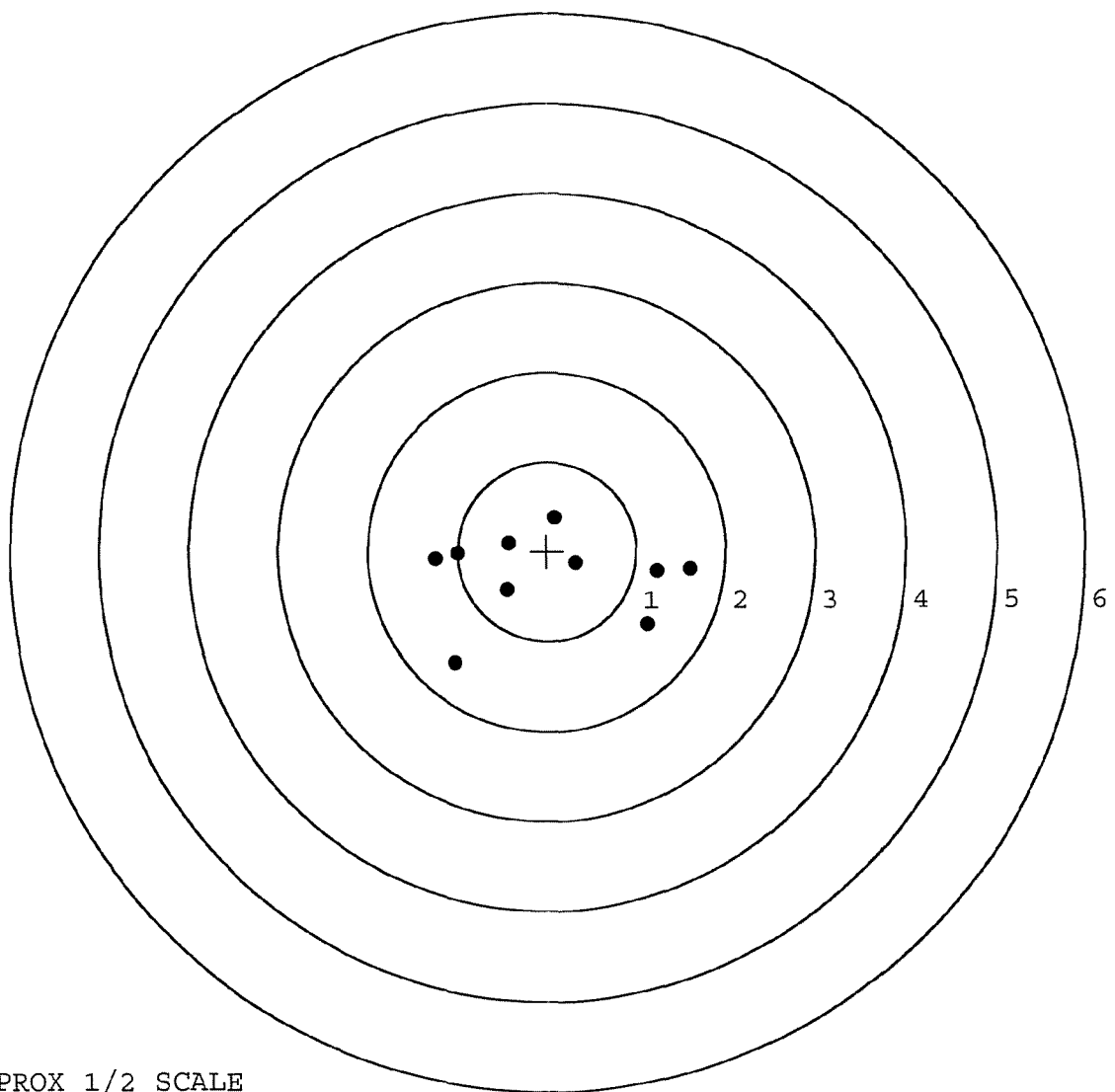
MEAN RADIUS: 0.985

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.243	-0.087
2:	-0.996	-0.021
3:	-0.438	0.090
4:	-0.448	-0.436
5:	-1.033	-1.235
6:	0.084	0.376
7:	0.322	-0.128
8:	1.235	-0.227
9:	1.611	-0.203
10:	1.122	-0.822

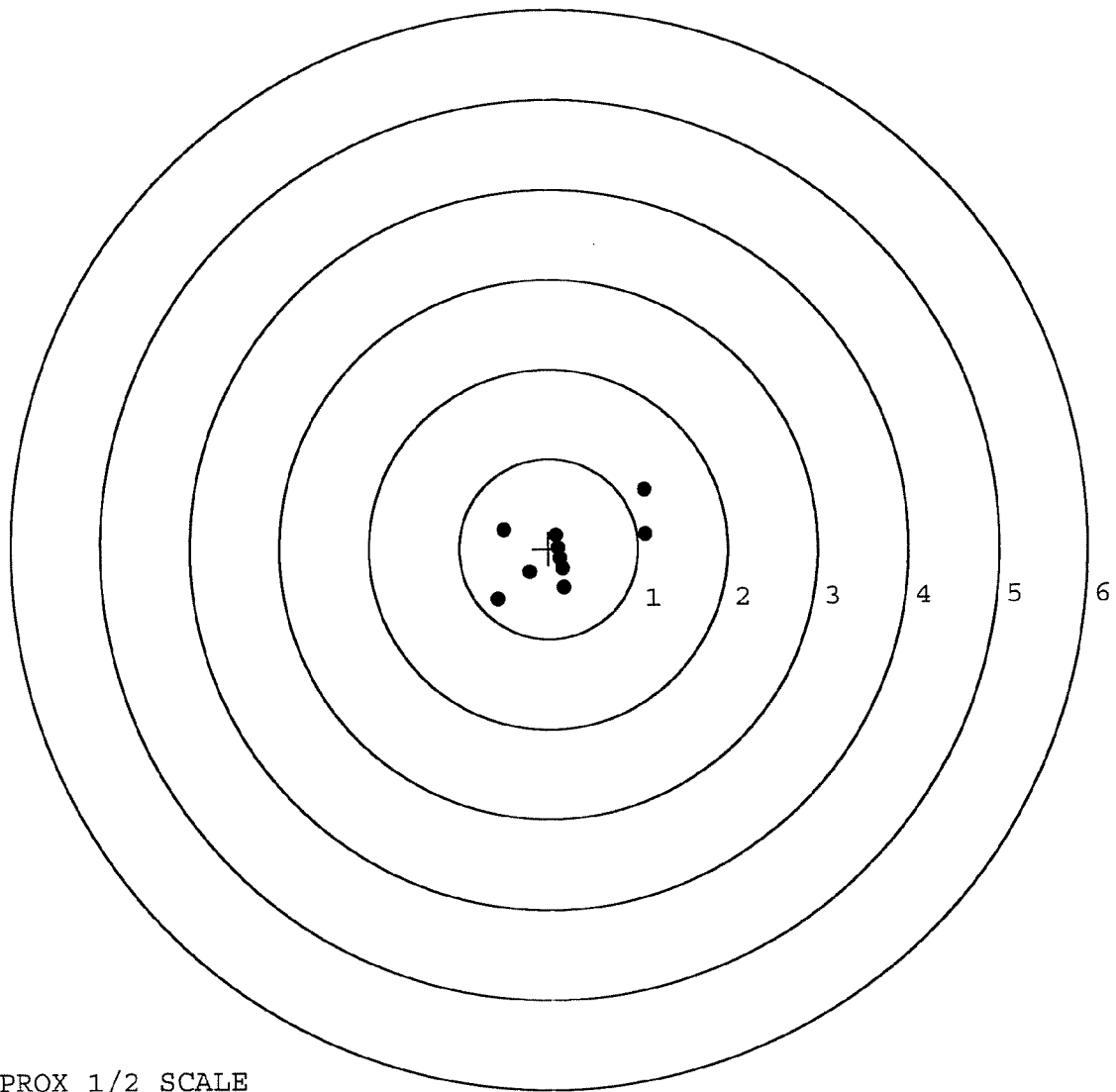


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591515. 0
 TARGET NUMBER: 3
 FILE DATE: 10/02/2006
 FILE TIME: 23:35

X CENTROID: 0.149
 Y CENTROID: -0.042
 POA TO CENTROID: 0.155
 HORZ SPREAD: 1.660
 VERT SPREAD: 1.209
 GROUP SPREAD: 2.052
 MIN RADIUS: 0.069
 MAX RADIUS: 1.159
 MEAN RADIUS: 0.505
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.080	0.648
2:	1.082	0.155
3:	0.083	0.147
4:	0.123	-0.110
5:	0.167	-0.436
6:	-0.217	-0.261
7:	-0.578	-0.561
8:	-0.505	0.213
9:	0.102	0.009
10:	0.156	-0.223



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591515. __0

TARGET NUMBER: 4

FILE DATE: 10/02/2006

FILE TIME: 23:35

X CENTROID: -0.302

Y CENTROID: 0.167

POA TO CENTROID: 0.345

HORZ SPREAD: 2.173

VERT SPREAD: 1.213

GROUP SPREAD: 2.283

MIN RADIUS: 0.225

MAX RADIUS: 1.570

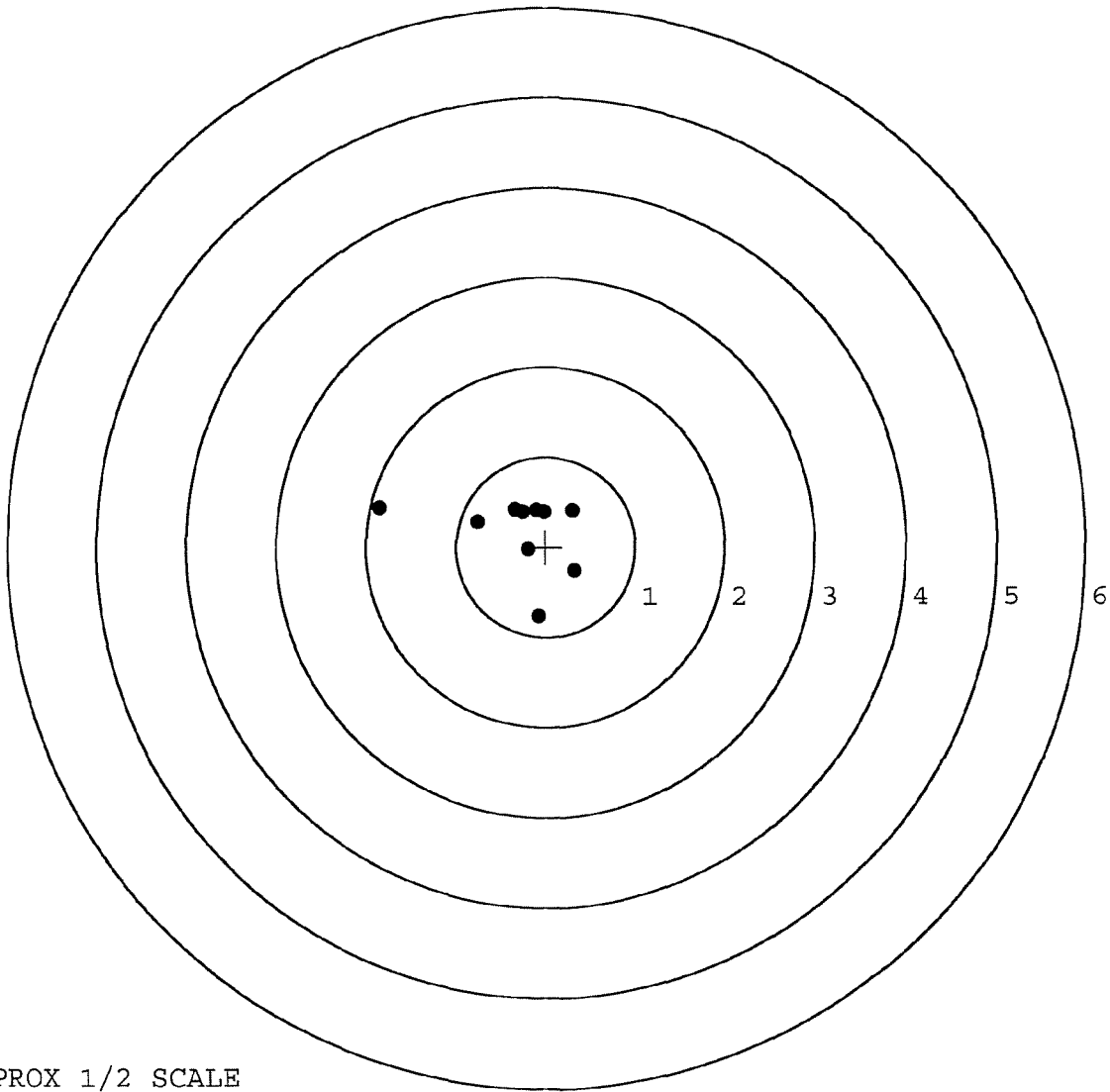
MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.848	0.437
2:	-0.765	0.280
3:	-0.351	0.417
4:	-0.113	0.411
5:	0.298	0.413
6:	-0.195	-0.031
7:	0.325	-0.262
8:	-0.082	-0.776
9:	-0.021	0.390
10:	-0.264	0.389



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591515. __0

TARGET NUMBER: 5

FILE DATE: 10/02/2006

FILE TIME: 23:35

X CENTROID: -0.056

Y CENTROID: -0.124

POA TO CENTROID: 0.136

HORZ SPREAD: 1.253

VERT SPREAD: 1.870

GROUP SPREAD: 2.153

MIN RADIUS: 0.176

MAX RADIUS: 1.187

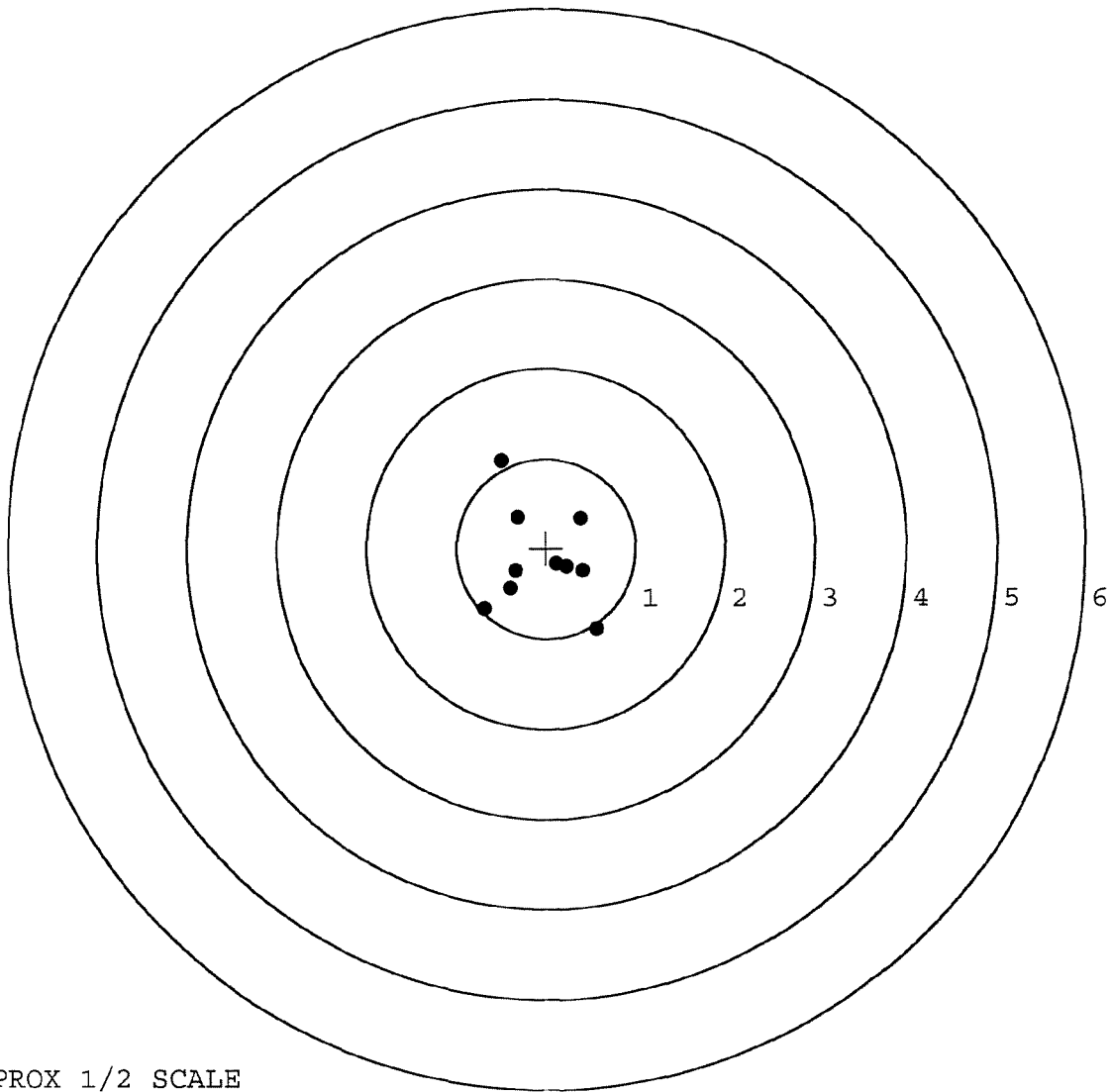
MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.503	0.975
2:	-0.323	0.346
3:	0.382	0.335
4:	0.114	-0.169
5:	0.407	-0.250
6:	0.564	-0.895
7:	-0.342	-0.256
8:	-0.401	-0.448
9:	-0.689	-0.678
10:	0.232	-0.204



TARGET APPROX 1/2 SCALE