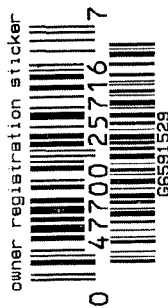


G659 1529

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

G6591529



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 6591529

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	ZLC
420	ASSEMBLE ACTION		10-7-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	BLC
440	PROOF	MAGNA FLUX INSPECTED	10-7-06	TRW
460	CHECK HEADSPACE	OCT 12 2006	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OPERATOR <u>CMW</u>	10-7-06	TRW
480	MAGNAFLUX BBL ACTION		10-9-06	RTZ
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-13-06	CB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/16	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		10-24-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-24-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-24-06	SD
	D) OIL FIRING PIN ASSEMBLY		10-30-06	RTZ
	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>4°</u> <u>4°</u> <u>4°</u>	11-14-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>6°</u> <u>6°</u> <u>6°</u>	11-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.024</u>	11-14-06	SD
	J) ASSEMBLE STOCK		10-30-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-14-06	S.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-30-06	RTZ
	M) IRON SIGHT ALIGNMENT		10-30-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-30-06	RP
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	11-4-06	TRCJ
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-4-06	SK
670	FINAL INSPECTION A) HEADSPACE		11-14-06	S.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>268</u> <u>257</u> <u>266</u> <u>260</u> <u>240</u>	11-11-06	RP
	C) FUNCTION		11-14-06	S.P.D.
690	PACK		11/17/06	DA

F004 REV 5/2006

BARBER - M24 0167472**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 10-18-06TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.00		2.21	
PULL #2	2.43	2.13		2.24	
PULL #3	2.40	2.09		2.37	
PULL #4	2.41	2.07		2.31	
PULL #5	2.38	2.03		2.39	
TOTAL	12.12	10.32		11.52	
AVERAGE	2.42	2.06		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.95	2.80		
PULL #2	2.94	2.90		
PULL #3	2.82	2.84		
PULL #4	2.73	2.82		
PULL #5	2.94	2.73		
TOTAL	14.38	14.09		
AVERAGE	2.87	2.81		

	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	4.13	4.17		4.20
PULL #2	4.12	4.16		4.29
PULL #3	4.17	4.31		4.30
PULL #4	4.25	4.21		4.29
PULL #5	4.19	4.27		4.33
TOTAL	20.86	21.12		21.41
AVERAGE	4.17	4.22		4.28

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591529.___0
FILE DATE AND TIME: 11/06/2006 05:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.071
The Average Y Centroid of the Five Target Set:	0.041
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.847
The Distance from POA to Centroid Target #1:	0.323
The Distance from Centroid Target #2 to Centroid Target #1:	0.555
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.417
The Distance from Centroid Target #5 to Centroid Target #1:	0.480

SERIAL NUMBER: G6591529. __0

TARGET NUMBER: 1

FILE DATE: 11/06/2006

FILE TIME: 05:24

X CENTROID: 0.104

Y CENTROID: 0.306

POA TO CENTROID: 0.323

HORZ SPREAD: 1.279

VERT SPREAD: 2.855

GROUP SPREAD: 2.859

MIN RADIUS: 0.210

MAX RADIUS: 1.763

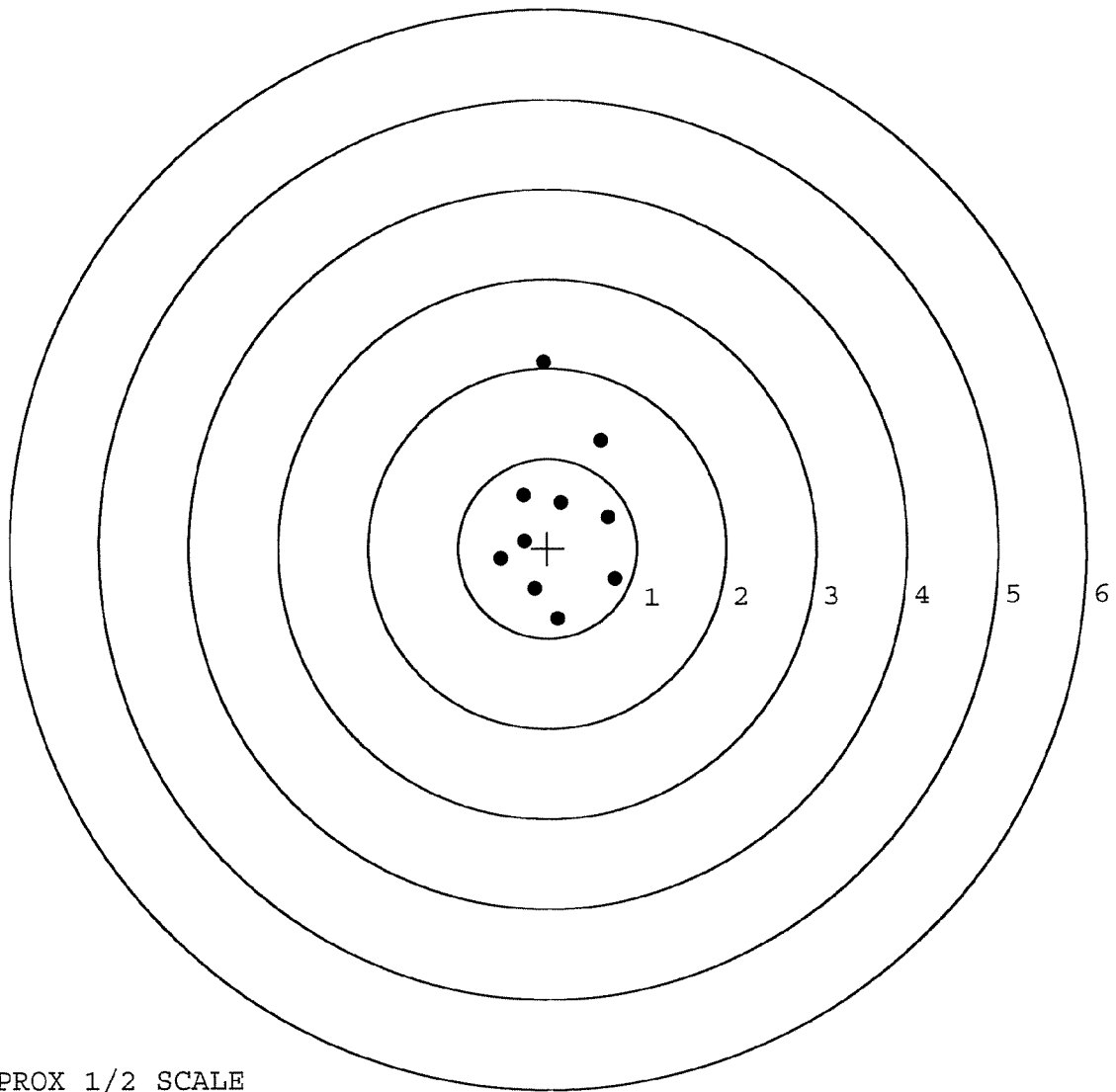
MEAN RADIUS: 0.804

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.035	2.063
2:	0.601	1.194
3:	0.674	0.345
4:	0.749	-0.351
5:	0.150	0.511
6:	-0.267	0.587
7:	-0.261	0.074
8:	-0.530	-0.115
9:	-0.153	-0.458
10:	0.107	-0.792



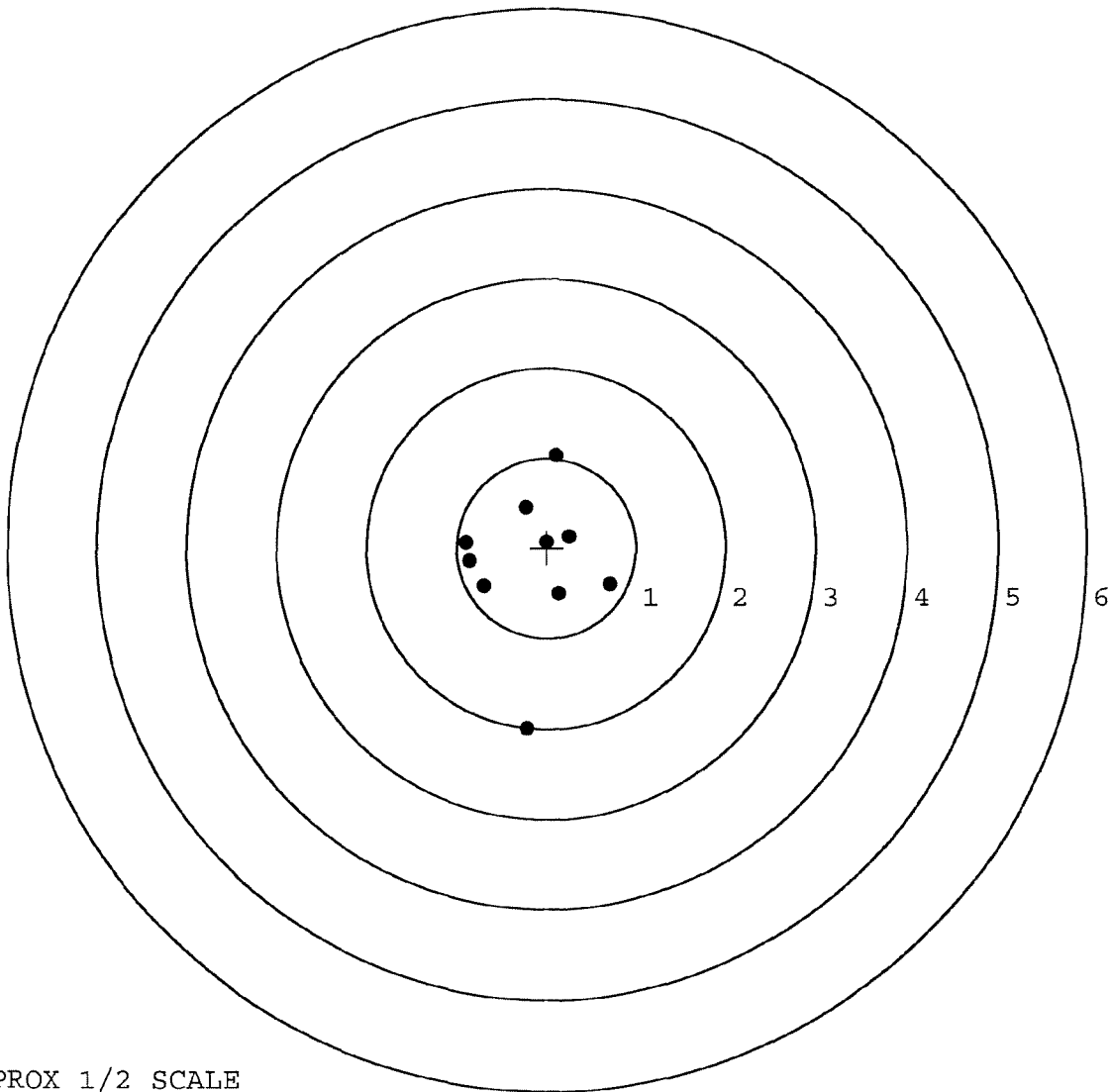
TARGET APPROX 1/2 SCALE

BARBER - M24 0167475

SERIAL NUMBER: G6591529. __0
 TARGET NUMBER: 2
 FILE DATE: 11/06/2006
 FILE TIME: 05:24

POINT#	X	Y
1:	-0.220	-2.002
2:	0.710	-0.410
3:	0.135	-0.509
4:	0.250	0.130
5:	-0.012	0.066
6:	-0.235	0.451
7:	0.108	1.029
8:	-0.902	0.062
9:	-0.694	-0.431
10:	-0.856	-0.153

X CENTROID: -0.172
 Y CENTROID: -0.177
 POA TO CENTROID: 0.246
 HORZ SPREAD: 1.612
 VERT SPREAD: 3.031
 GROUP SPREAD: 3.049
 MIN RADIUS: 0.290
 MAX RADIUS: 1.826
 MEAN RADIUS: 0.790
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0167476

SERIAL NUMBER: G6591529. __0

TARGET NUMBER: 3

FILE DATE: 11/06/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.367	-1.160
2:	0.740	-0.722
3:	0.219	-0.544
4:	0.605	-0.084
5:	-0.035	-0.137
6:	-0.770	-0.173
7:	0.237	1.890
8:	-0.878	1.738
9:	-0.338	0.963
10:	-0.789	0.690

X CENTROID: -0.064

Y CENTROID: 0.246

POA TO CENTROID: 0.254

HORZ SPREAD: 1.618

VERT SPREAD: 3.050

GROUP SPREAD: 3.154

MIN RADIUS: 0.384

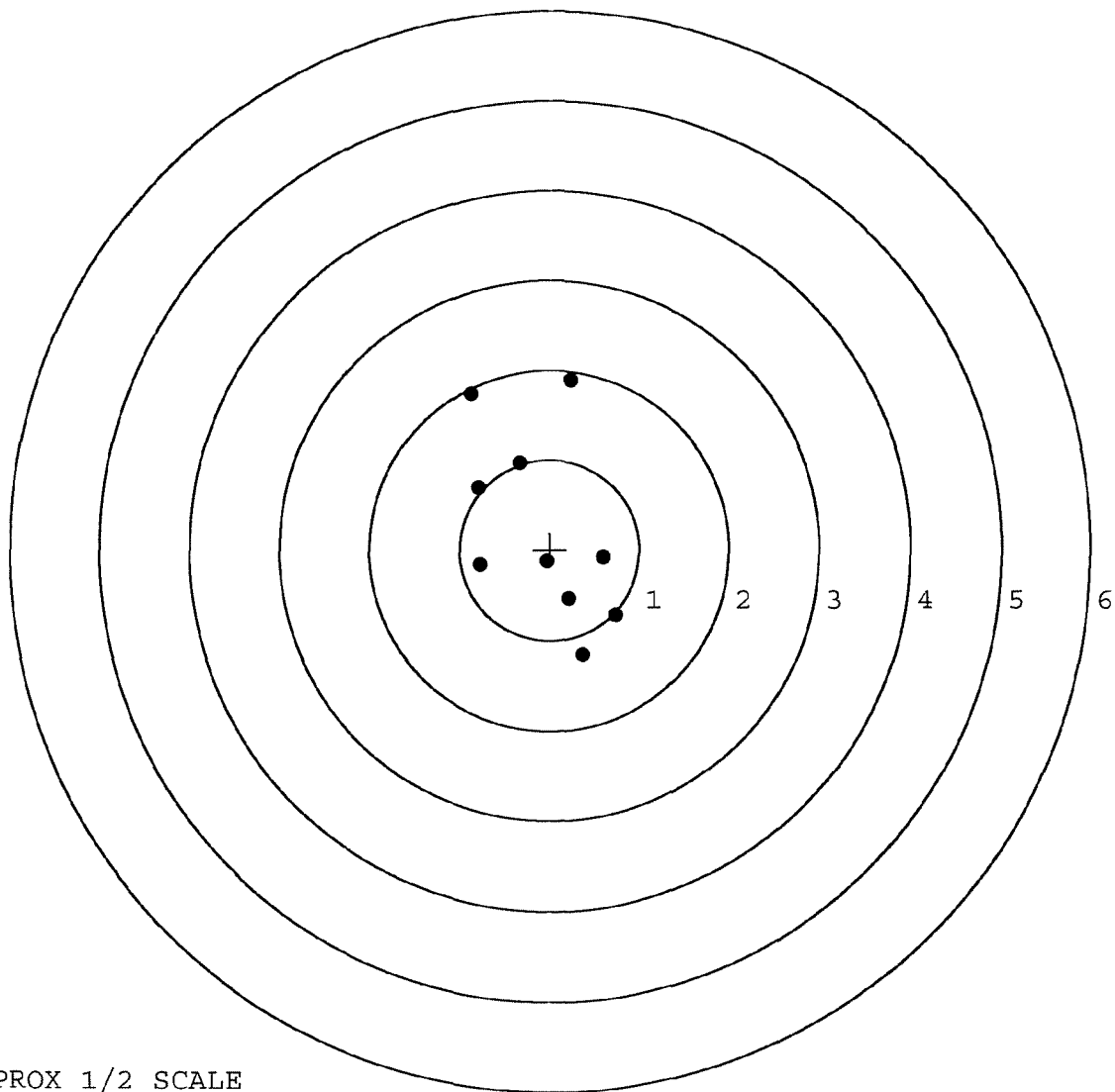
MAX RADIUS: 1.699

MEAN RADIUS: 1.051

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591529. __0

TARGET NUMBER: 4

FILE DATE: 11/06/2006

FILE TIME: 05:24

X CENTROID: -0.135

Y CENTROID: -0.037

POA TO CENTROID: 0.140

HORZ SPREAD: 1.904

VERT SPREAD: 1.860

GROUP SPREAD: 1.905

MIN RADIUS: 0.314

MAX RADIUS: 1.269

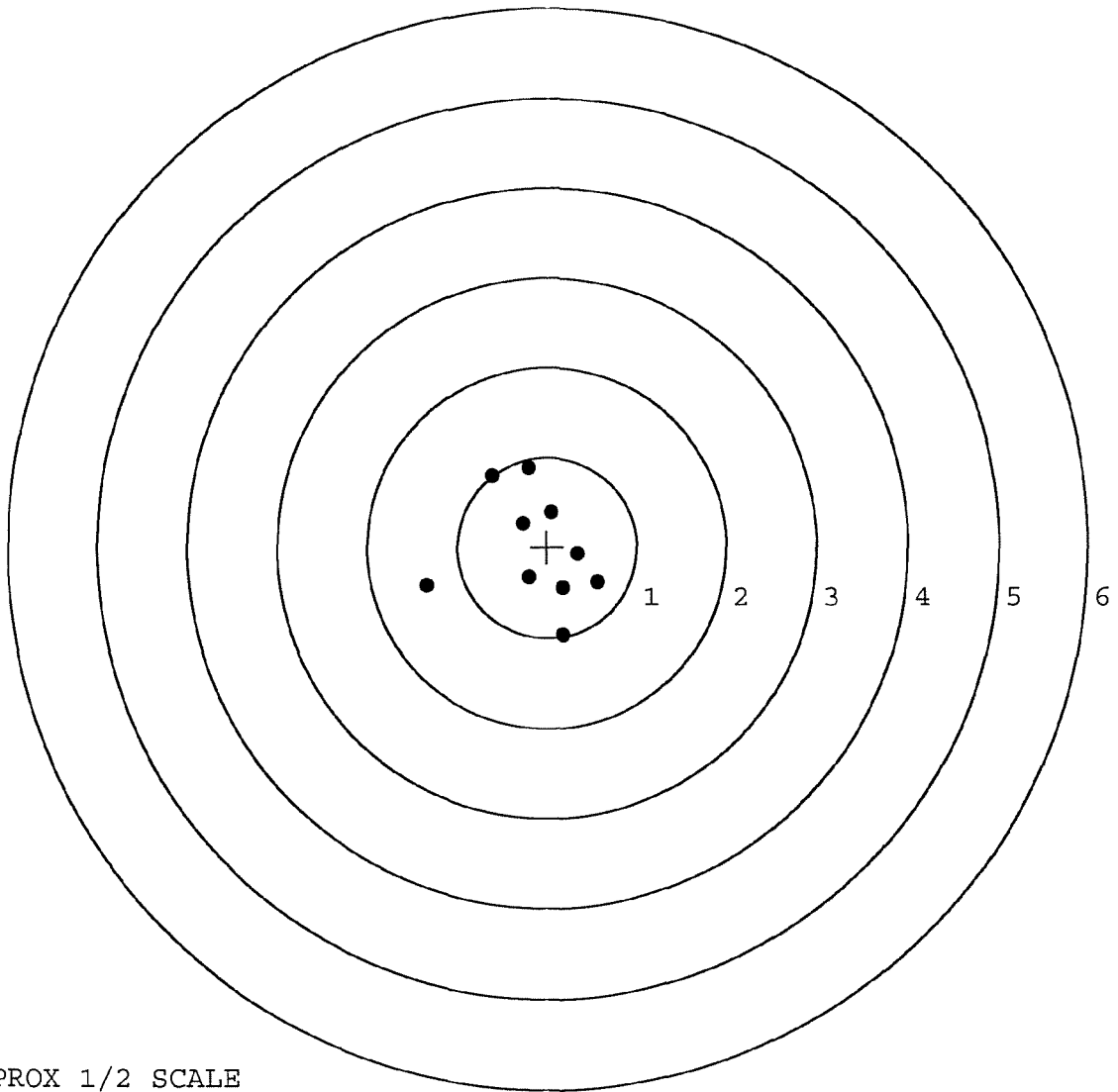
MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.338	-0.440
2:	0.174	-0.979
3:	-0.203	-0.343
4:	0.174	-0.458
5:	0.566	-0.393
6:	0.343	-0.078
7:	0.040	0.387
8:	-0.279	0.262
9:	-0.209	0.881
10:	-0.615	0.794



TARGET APPROX 1/2 SCALE

BARBER - M24 0167478

SERIAL NUMBER: G6591529. __0

TARGET NUMBER: 5

FILE DATE: 11/06/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.316	-2.142
2:	-0.761	-1.001
3:	-1.204	0.057
4:	1.031	0.486
5:	0.075	-0.480
6:	-0.004	-0.030
7:	0.383	0.031
8:	-0.075	0.346
9:	-0.051	0.662
10:	-0.608	0.732

X CENTROID: -0.090

Y CENTROID: -0.134

POA TO CENTROID: 0.161

HORZ SPREAD: 2.235

VERT SPREAD: 2.874

GROUP SPREAD: 3.019

MIN RADIUS: 0.135

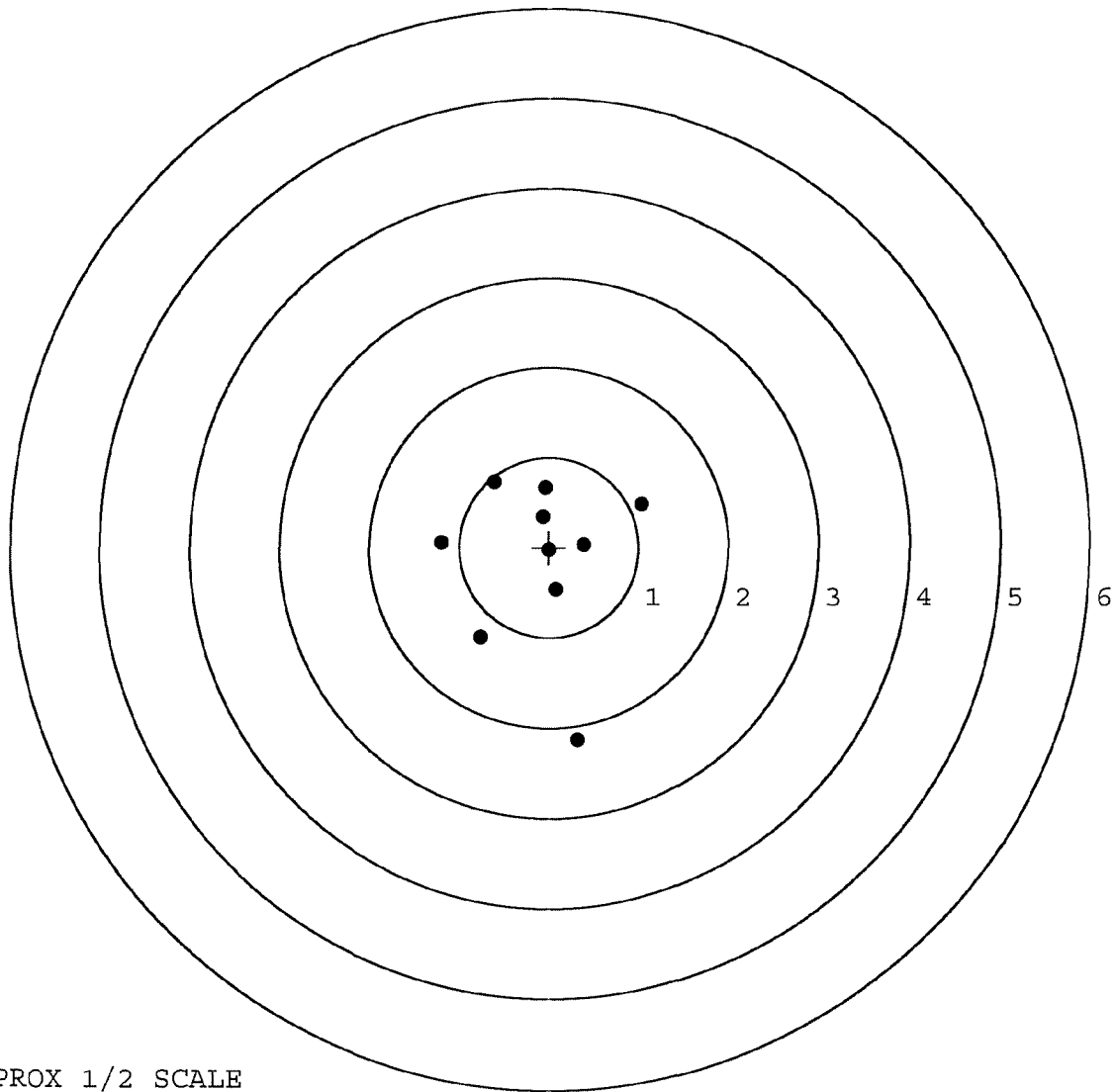
MAX RADIUS: 2.049

MEAN RADIUS: 0.886

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE