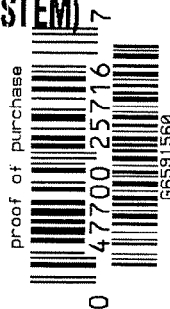


6-6591560

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

G6591560



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS1
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS1
UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591560

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	RTZ
420	ASSEMBLE ACTION		10-6-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	WR
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 10 2006	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-10-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CU
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/18/06	FB
560	RE-ASSEMBLE ACTION		10-25-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-25-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-25-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-3-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #		BARBER M24 M167932	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	43	45	40	11-14-06	SD		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	75	75	70	11-14-06	SD		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	.024	.025	.024	11-14-06	SD		
	J) ASSEMBLE STOCK					11-3-06	PLG		
	K) ASSEMBLE SWIVEL STUDS					11-17-06	S.P.D.		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11-17-06	RTZ		
	M) IRON SIGHT ALIGNMENT					11-17-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11-17-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL		11-6-06	TRW		
			PASS	FAIL					
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					11-6-06	SAC		
670	FINAL INSPECTION A) HEADSPACE					11-17-06	S.P.D.		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.35	2.34	2.39	2.38	2.28	11-13-06	SD
	C) FUNCTION							11-17-06	S.P.D.
690	PACK							2-5-07	RTA

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 11-1-06

 TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.54		2.20	
PULL #2	2.65	2.33		2.35	
PULL #3	2.64	2.27		2.50	
PULL #4	2.75	2.29		2.41	
PULL #5	2.74	2.32		2.49	
TOTAL	1337	1175		1195	
AVERAGE	267	235		239	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.09		
PULL #2	2.99	3.05		
PULL #3	3.00	2.92		
PULL #4	3.09	3.16		
PULL #5	3.31	3.14		
TOTAL	1545	1536		
AVERAGE	309	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	4.20	4.46		4.03
PULL #2	4.32	4.07		4.11
PULL #3	4.46	4.34		4.08
PULL #4	4.47	4.16		3.85
PULL #5	4.50	4.20		3.79
TOTAL	2195	2123		1986
AVERAGE	439	424		397

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591560.___0
FILE DATE AND TIME: 11/07/2006 05:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.582
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.117
The Distance from Centroid Target #5 to Centroid Target #1:	0.092

BARBER - M24 0167935

SERIAL NUMBER: G6591560. __ 0

TARGET NUMBER: 1

FILE DATE: 11/07/2006

FILE TIME: 05:38

POINT#	X	Y
1:	0.449	0.624
2:	0.025	-0.944
3:	0.036	-0.355
4:	-0.406	-0.274
5:	-0.371	-0.043
6:	-0.011	-0.064
7:	0.171	0.149
8:	-0.030	0.248
9:	-0.699	0.268
10:	0.057	0.136

X CENTROID: -0.078

Y CENTROID: -0.025

POA TO CENTROID: 0.082

HORZ SPREAD: 1.148

VERT SPREAD: 1.568

GROUP SPREAD: 1.624

MIN RADIUS: 0.077

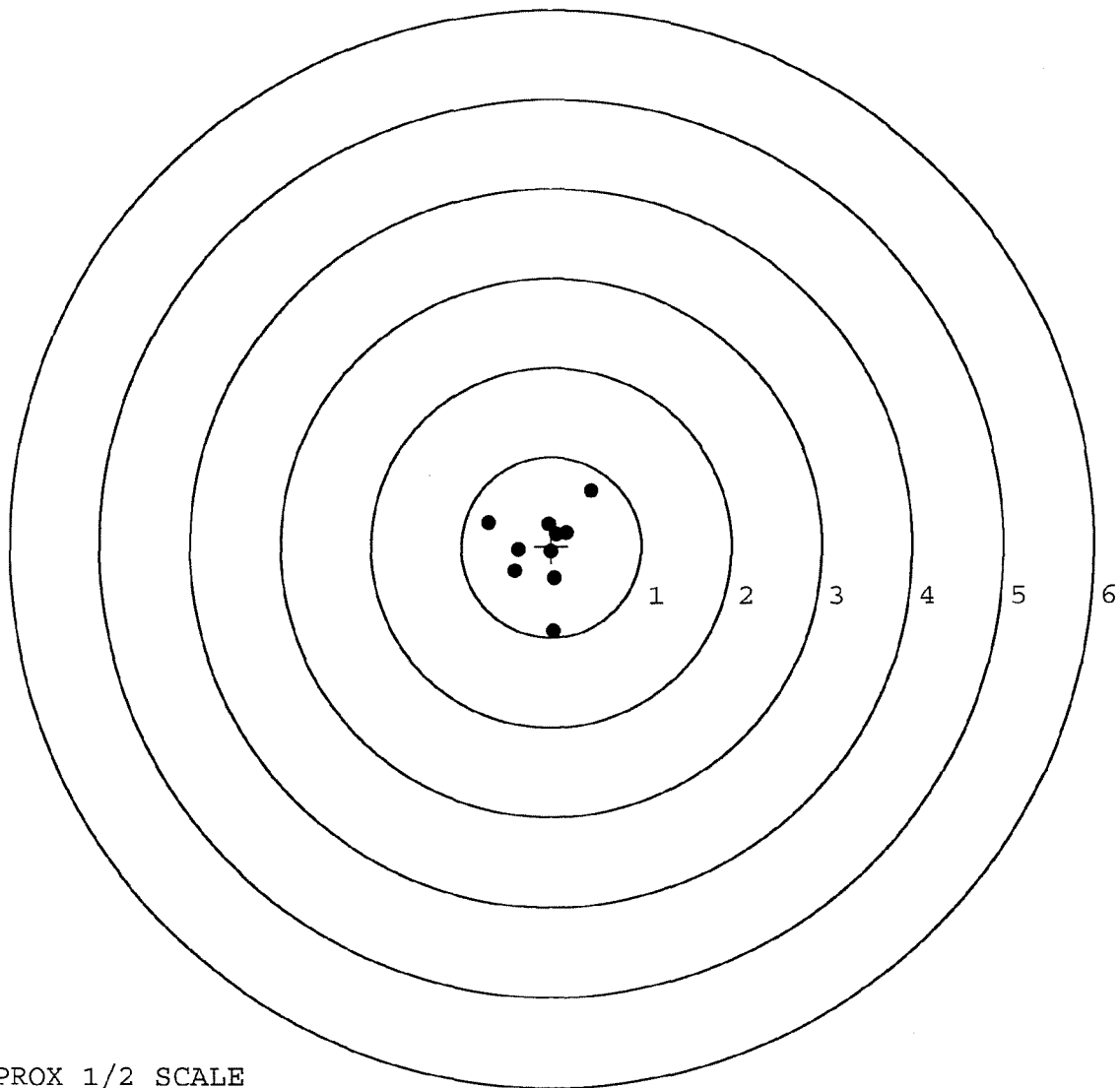
MAX RADIUS: 0.924

MEAN RADIUS: 0.437

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167936

SERIAL NUMBER: G6591560. __0

TARGET NUMBER: 2

FILE DATE: 11/07/2006

FILE TIME: 05:38

POINT#	X	Y
1:	0.329	-0.563
2:	-0.274	-0.337
3:	-0.592	0.028
4:	-1.143	0.291
5:	-0.350	0.857
6:	-0.094	0.384
7:	0.215	0.304
8:	0.931	0.014
9:	0.721	0.174
10:	0.377	0.128

X CENTROID: 0.012

Y CENTROID: 0.128

POA TO CENTROID: 0.129

HORZ SPREAD: 2.074

VERT SPREAD: 1.420

GROUP SPREAD: 2.092

MIN RADIUS: 0.269

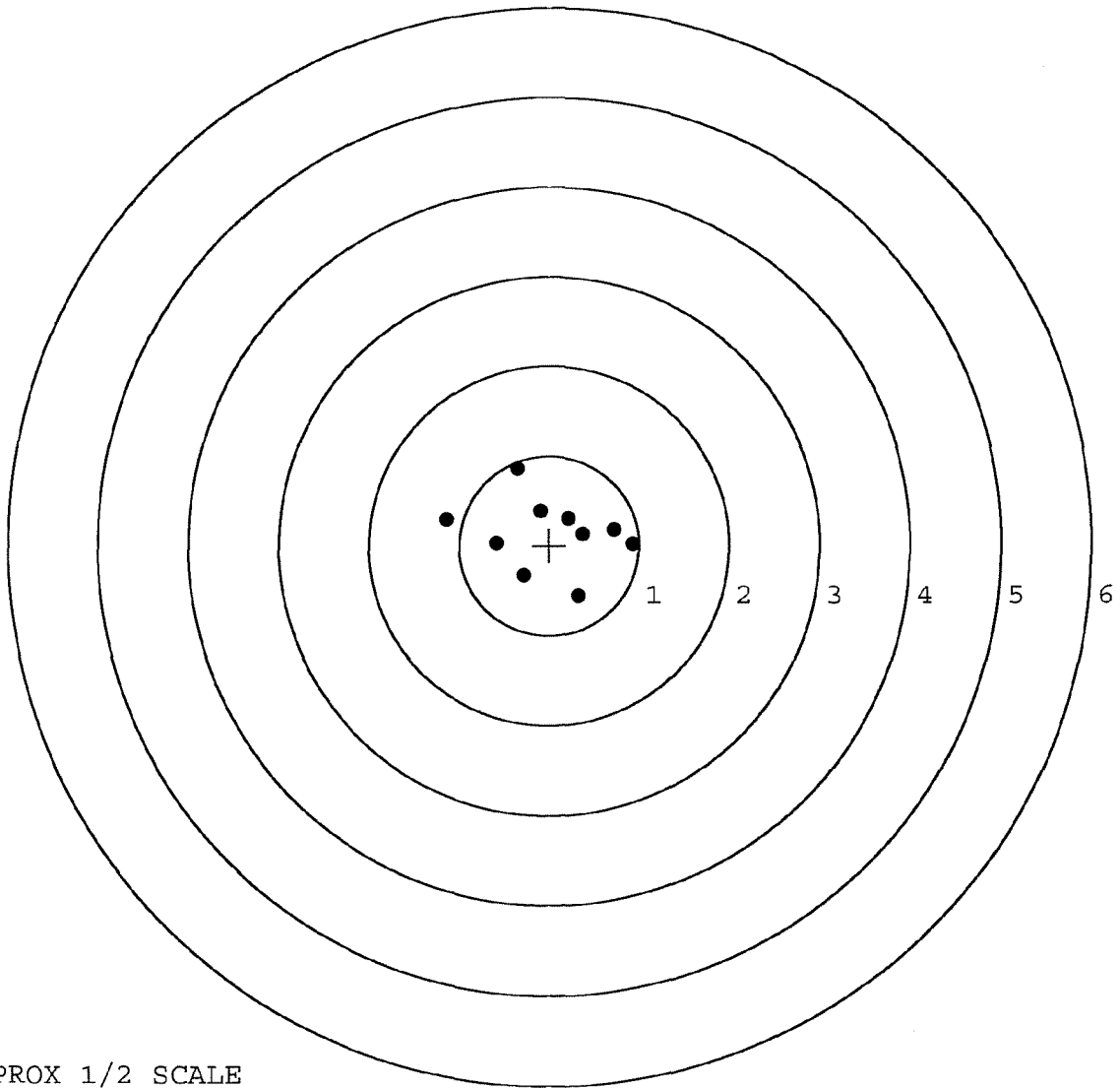
MAX RADIUS: 1.166

MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167937

SERIAL NUMBER: G6591560. 0

TARGET NUMBER: 3

FILE DATE: 11/07/2006

FILE TIME: 05:38

POINT#	X	Y
1:	-0.063	-1.088
2:	-0.171	-0.541
3:	-0.894	0.014
4:	0.324	-0.447
5:	0.408	-0.276
6:	0.834	0.089
7:	0.518	0.269
8:	0.288	1.081
9:	-0.434	1.405
10:	-0.080	0.109

X CENTROID: 0.073

Y CENTROID: 0.062

POA TO CENTROID: 0.095

HORZ SPREAD: 1.728

VERT SPREAD: 2.493

GROUP SPREAD: 2.520

MIN RADIUS: 0.160

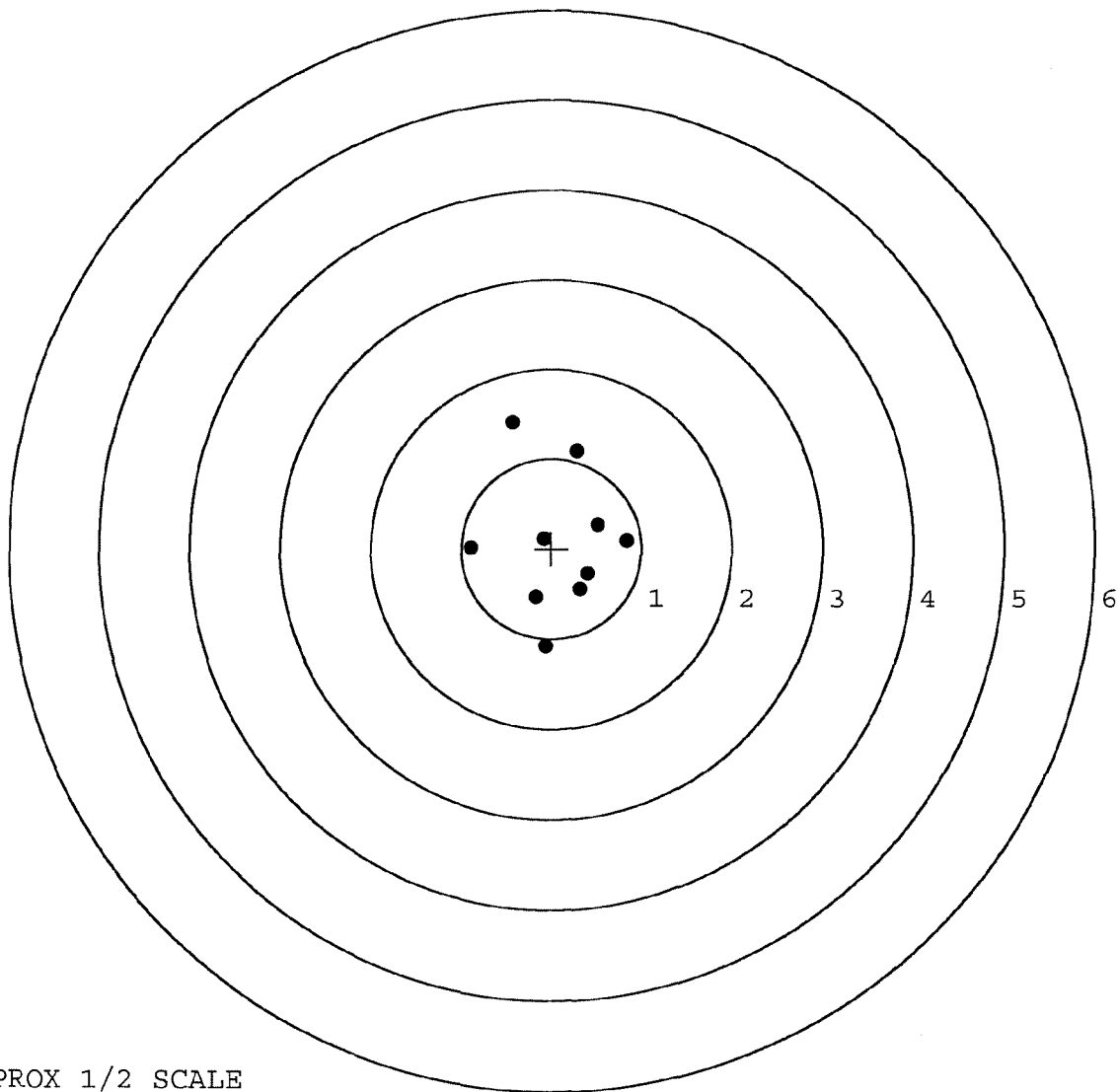
MAX RADIUS: 1.436

MEAN RADIUS: 0.771

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167938

SERIAL NUMBER: G6591560. __0

TARGET NUMBER: 4

FILE DATE: 11/07/2006

FILE TIME: 05:38

POINT#	X	Y
1:	0.465	0.613
2:	0.469	-0.069
3:	-0.753	0.500
4:	-0.173	0.466
5:	-0.343	0.008
6:	0.106	0.085
7:	-0.068	-0.518
8:	-0.179	-0.229
9:	0.070	-0.016
10:	-0.168	0.052

X CENTROID: -0.057

Y CENTROID: 0.089

POA TO CENTROID: 0.106

HORZ SPREAD: 1.222

VERT SPREAD: 1.131

GROUP SPREAD: 1.348

MIN RADIUS: 0.117

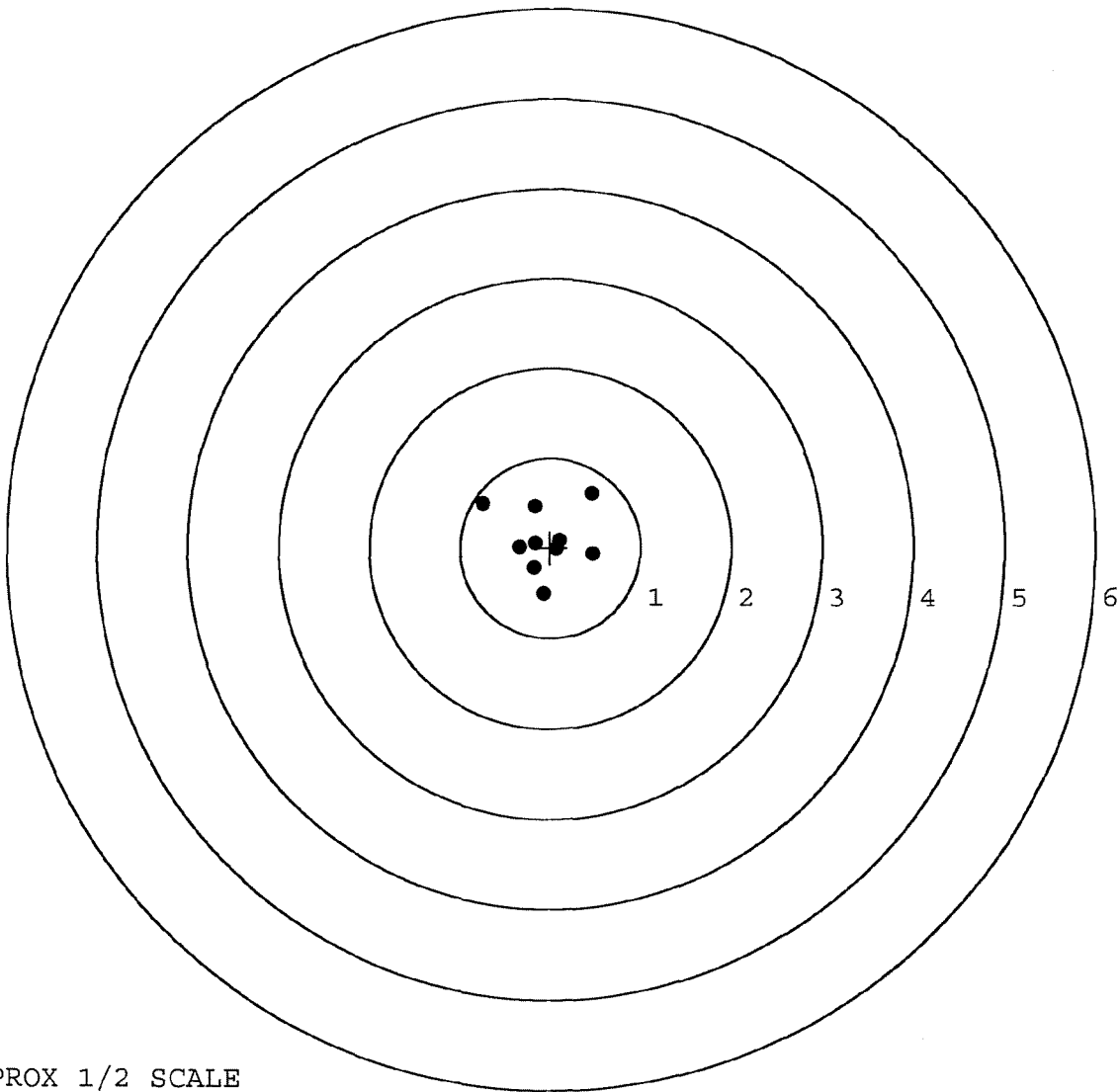
MAX RADIUS: 0.808

MEAN RADIUS: 0.418

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167939

SERIAL NUMBER: G6591560. 0

TARGET NUMBER: 5

FILE DATE: 11/07/2006

FILE TIME: 05:38

POINT#	X	Y
1:	-0.057	0.676
2:	-0.312	0.448
3:	-0.531	0.211
4:	-0.628	-0.239
5:	-0.201	-0.517
6:	-0.027	-0.178
7:	0.317	-0.108
8:	0.233	0.273
9:	0.579	0.275
10:	0.471	-1.775

X CENTROID: -0.016

Y CENTROID: -0.093

POA TO CENTROID: 0.095

HORZ SPREAD: 1.207

VERT SPREAD: 2.451

GROUP SPREAD: 2.507

MIN RADIUS: 0.085

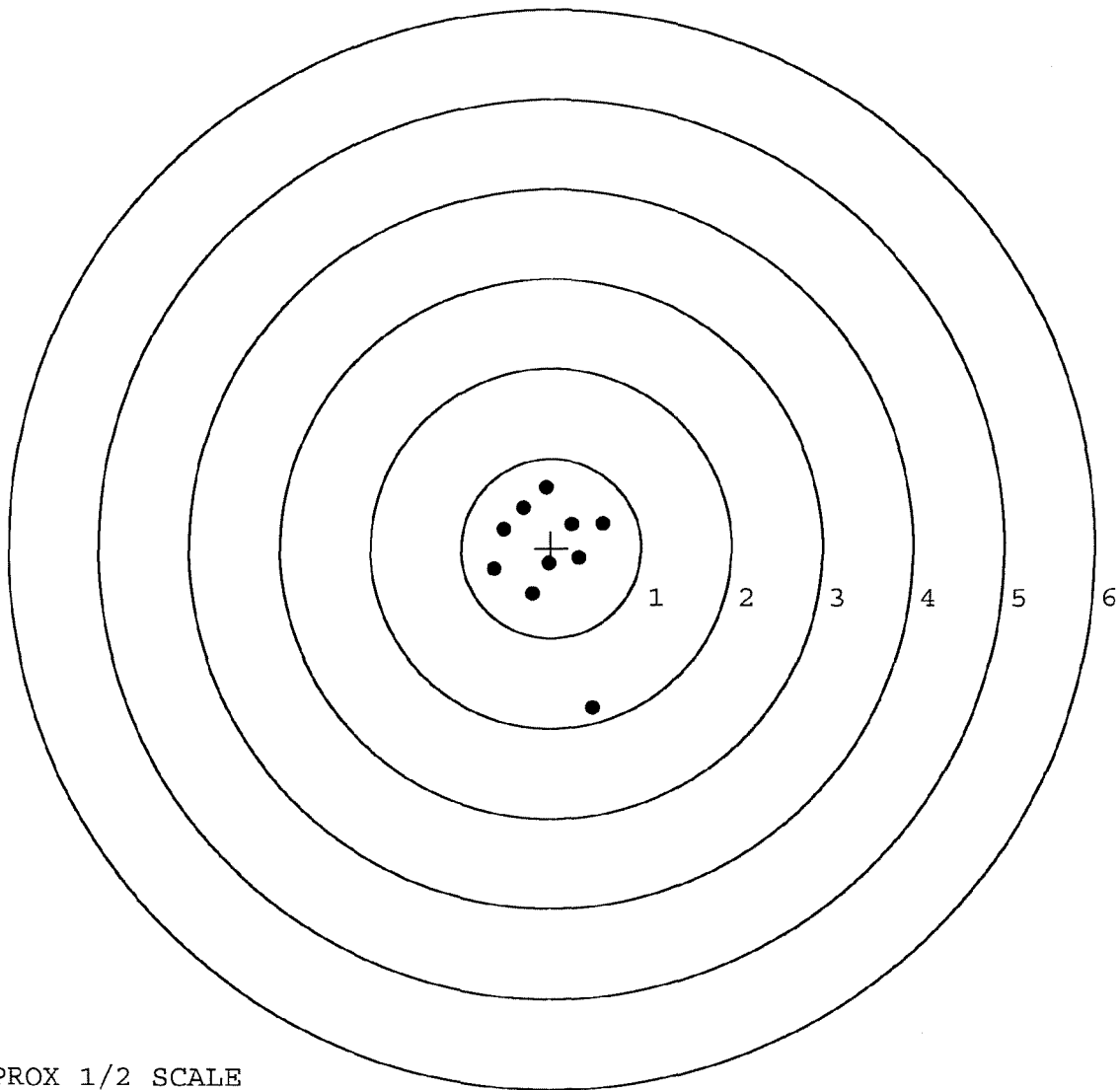
MAX RADIUS: 1.751

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE