

G646 1635

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase

owner registration sticker



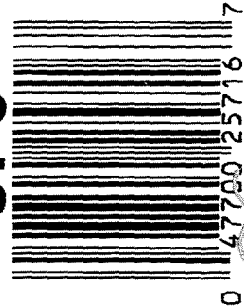
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6461635

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66461635

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-9-05	RTZ
440	PROOF		9-12-05	RTZ
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-13-05	RTZ
470	DIS-ASSEMBLE ACTION	SEP 14 2005	9-13-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR <i>Wm</i>	9/14/05	<i>Wm</i>
500	ROLLMARK CALIBER		9-14-05	CW
510	DRILL AND TAP SIGHT HOLES		9-13-05	TRW
520	GOFF BLAST BBL / REC		9-19-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/20	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-22-05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-22-05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-22-05	DA
	D) OIL FIRING PIN ASSEMBLY		9-22-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	3/3/06	M/A

REV-8405

OP #	OPERATION NAME	BARBER M24 9154046	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>4.5</u> <u>4.0</u> <u>4.0</u>	1-31-06	RA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.2</u> <u>2.0</u> <u>2.0</u>	1-31-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			3/3/06	MJD
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	3/3/06	MJD
	J) ASSEMBLE STOCK			9.27-05	RTL
	K) ASSEMBLE SWIVEL STUDS			3/3/06	MJD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			9.28-05	RTL
	M) IRON SIGHT ALIGNMENT			9.28-05	RTL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			9.28-05	RTL
640 & 650	FUNCTION TEST AND TARGET		PASS PASS FAIL FAIL	12-27-05	TRLW
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			12/27/05	R.8
670	FINAL INSPECTION A) HEADSPACE			3/3/06	MJD
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.74</u> <u>2.79</u> <u>2.68</u> <u>2.71</u> <u>2.65</u>	1-31-06	RA
	C) FUNCTION			3/3/06	MJD
690	PACK			4-5-06	RA

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

9/21/05

TESTER

BG

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.51	2.45		2.64	
PULL #2	2.66	2.37		2.83	
PULL #3	2.76	2.47		2.75	
PULL #4	2.58	2.60		2.65	
PULL #5	2.87	2.69		2.80	
TOTAL	13.38	12.58		13.67	
AVERAGE	2.68	2.52		2.73	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.10		
PULL #2	2.98	3.41		
PULL #3	3.31	3.11		
PULL #4	2.79	3.17		
PULL #5	3.49	2.80		
TOTAL	15.85	15.59		
AVERAGE	3.17	3.12		

	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	4.15	3.93		4.07
PULL #2	4.08	3.98		4.22
PULL #3	4.01	3.92		4.17
PULL #4	4.19	4.01		4.06
PULL #5	4.20	3.99		4.24
TOTAL	20.63	19.83		20.76
AVERAGE	4.13	3.97		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461635. __0

FILE DATE AND TIME: 12/27/2005 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	0.093
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.779
The Distance from POA to Centroid Target #1:	0.149
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.141
The Distance from Centroid Target #4 to Centroid Target #1:	0.120
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

BARBER - M24 0154049

SERIAL NUMBER: G6461635. __0

TARGET NUMBER: 1

FILE DATE: 12/27/2005

FILE TIME: 14:29

POINT#	X	Y
1:	1.449	-0.445
2:	0.513	0.817
3:	-0.974	1.502
4:	-1.485	0.982
5:	-0.477	-0.731
6:	-0.365	-0.243
7:	-0.100	-0.247
8:	0.414	-0.289
9:	0.070	-0.079
10:	0.211	0.021

X CENTROID: -0.074

Y CENTROID: 0.129

POA TO CENTROID: 0.149

HORZ SPREAD: 2.934

VERT SPREAD: 2.233

GROUP SPREAD: 3.263

MIN RADIUS: 0.253

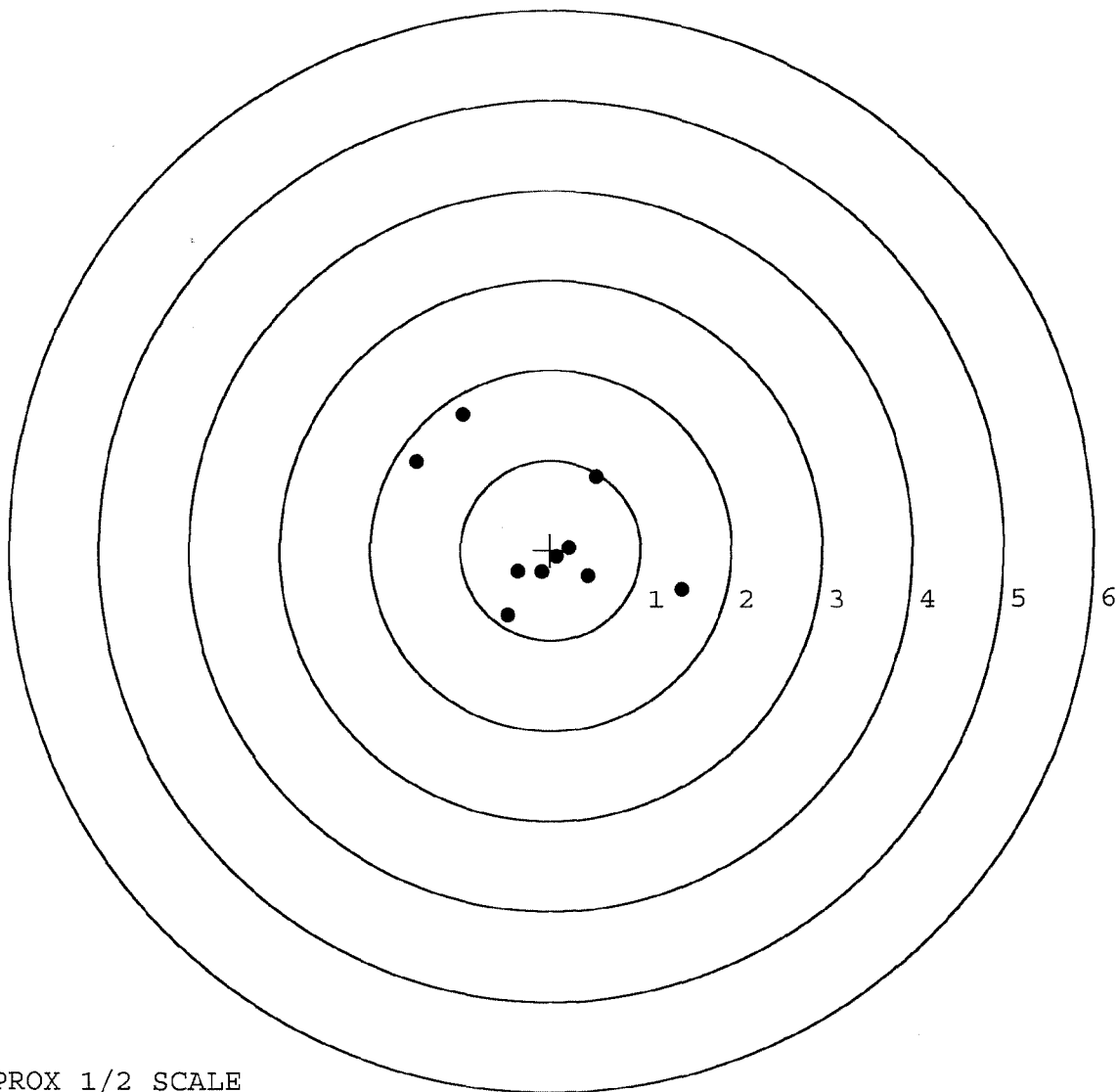
MAX RADIUS: 1.649

MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



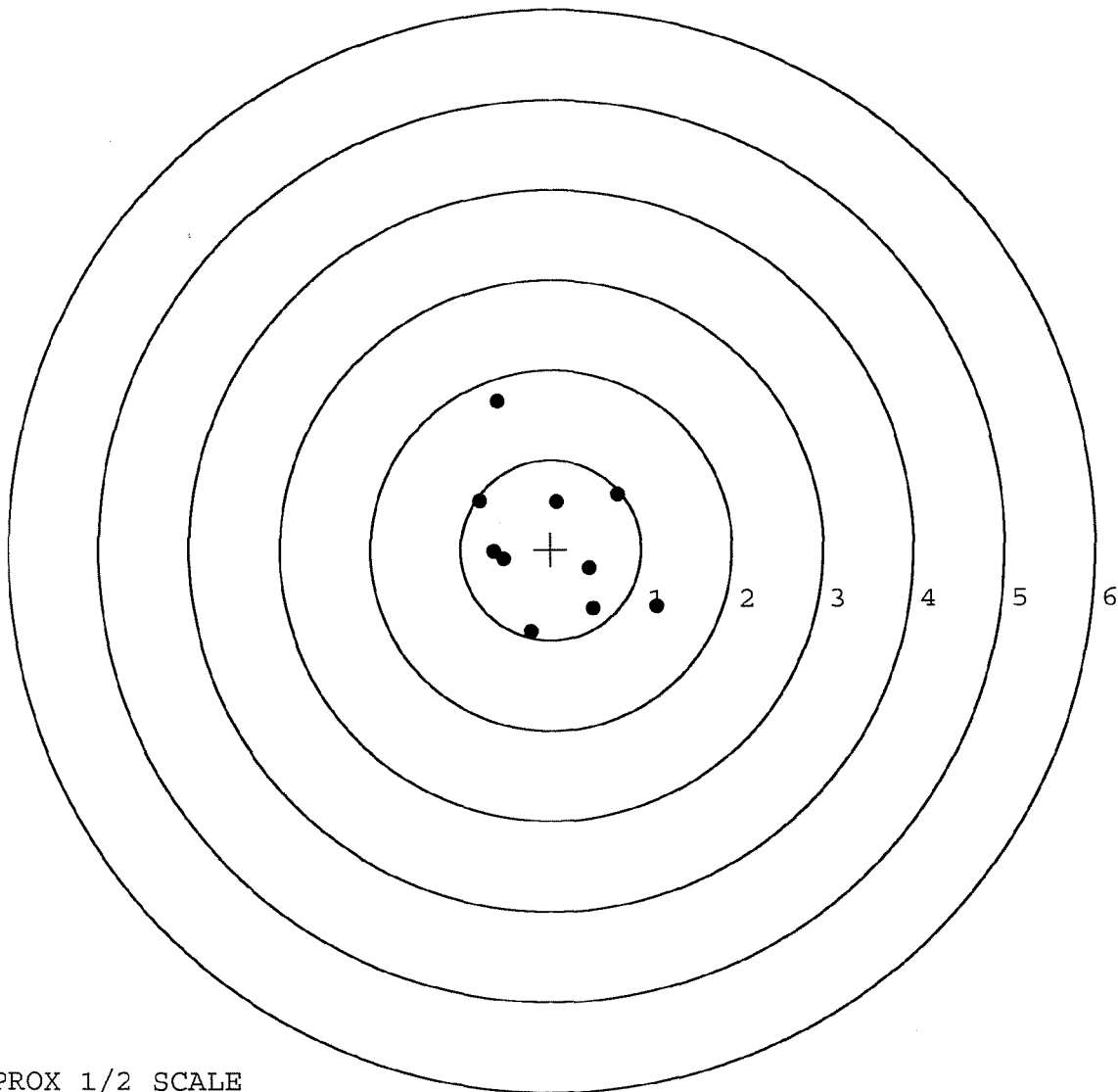
TARGET APPROX 1/2 SCALE

BARBER - M24 0154050

SERIAL NUMBER: G6461635. __0
 TARGET NUMBER: 2
 FILE DATE: 12/27/2005
 FILE TIME: 14:29

POINT#	X	Y
1:	1.173	-0.636
2:	0.473	-0.655
3:	0.428	-0.210
4:	-0.223	-0.920
5:	-0.524	-0.111
6:	-0.630	-0.025
7:	-0.791	0.546
8:	0.060	0.531
9:	0.742	0.614
10:	-0.598	1.650

X CENTROID: 0.011
 Y CENTROID: 0.078
 POA TO CENTROID: 0.079
 HORZ SPREAD: 1.964
 VERT SPREAD: 2.570
 GROUP SPREAD: 2.892
 MIN RADIUS: 0.455
 MAX RADIUS: 1.685
 MEAN RADIUS: 0.896
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0154051

SERIAL NUMBER: G6461635. 0

TARGET NUMBER: 3

FILE DATE: 12/27/2005

FILE TIME: 14:29

POINT#	X	Y
1:	1.023	0.222
2:	0.086	-0.657
3:	-0.301	-0.455
4:	-0.477	-0.701
5:	-0.528	0.398
6:	-0.082	1.374
7:	-0.620	1.964
8:	0.282	0.274
9:	0.056	0.040
10:	-0.210	0.243

X CENTROID: -0.077

Y CENTROID: 0.270

POA TO CENTROID: 0.281

HORZ SPREAD: 1.643

VERT SPREAD: 2.665

GROUP SPREAD: 2.714

MIN RADIUS: 0.136

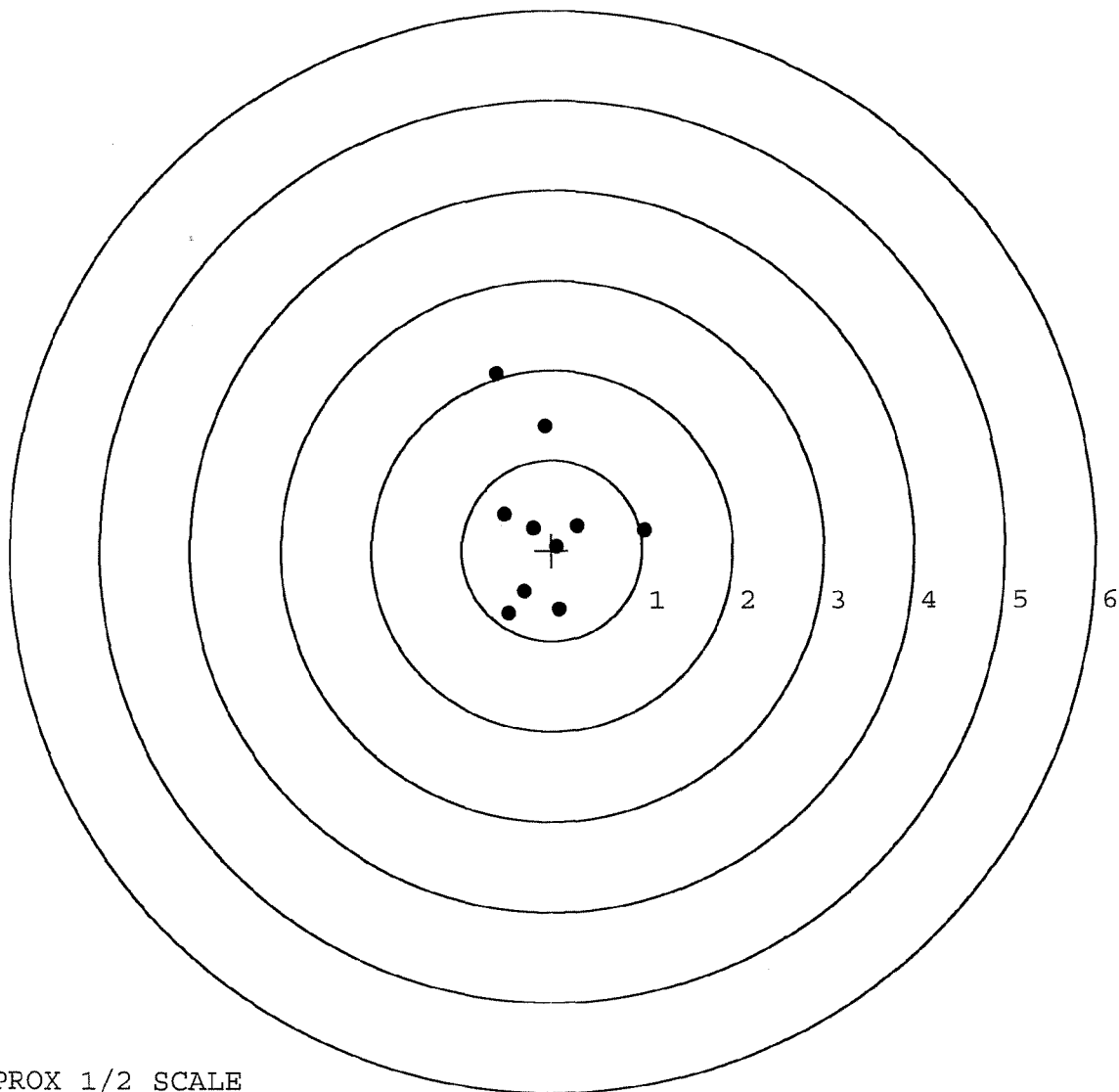
MAX RADIUS: 1.779

MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0154052

SERIAL NUMBER: G6461635. __0

TARGET NUMBER: 4

FILE DATE: 12/27/2005

FILE TIME: 14:29

POINT#	X	Y
1:	0.880	0.372
2:	0.296	-0.903
3:	0.295	-0.389
4:	-0.542	0.549
5:	-0.242	0.505
6:	-0.533	-0.238
7:	-0.458	0.022
8:	-0.263	0.119
9:	0.216	0.008
10:	0.145	0.170

X CENTROID: -0.021

Y CENTROID: 0.022

POA TO CENTROID: 0.030

HORZ SPREAD: 1.422

VERT SPREAD: 1.452

GROUP SPREAD: 1.676

MIN RADIUS: 0.222

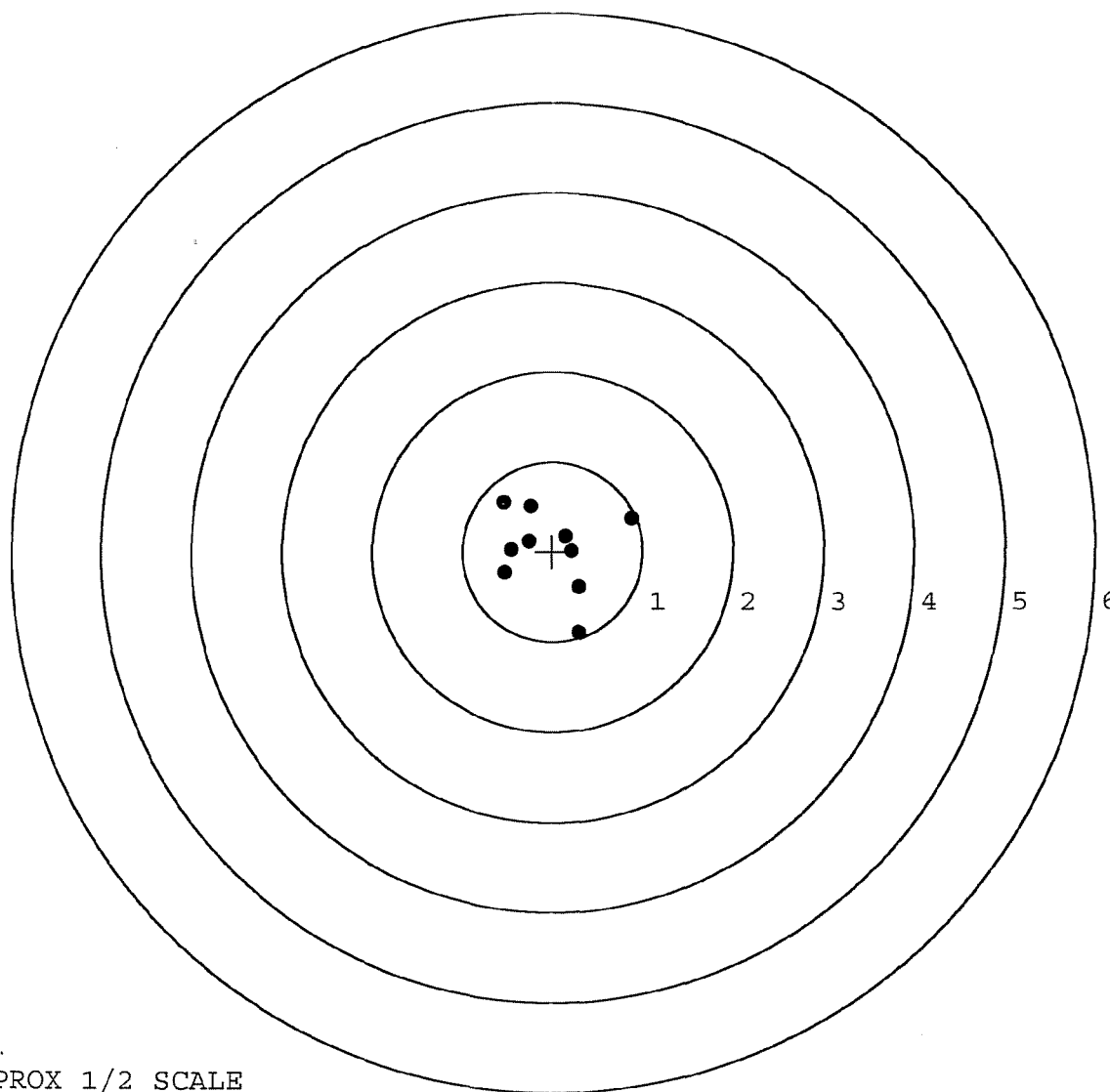
MAX RADIUS: 0.977

MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0154053

SERIAL NUMBER: G6461635. __ 0

TARGET NUMBER: 5

FILE DATE: 12/27/2005

FILE TIME: 14:29

POINT#	X	Y
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1:	0.168	-1.064
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2:	0.975	-0.437
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3:	0.544	0.252
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4:	-0.002	0.019
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5:	-0.566	-0.231
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6:	-0.814	-0.170
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7:	-1.818	-0.260
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8:	-0.374	0.334
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9:	-0.268	0.512
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10:	-0.014	0.688
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X CENTROID: -0.217

Y CENTROID: -0.036

POA TO CENTROID: 0.220

HORZ SPREAD: 2.793

VERT SPREAD: 1.752

GROUP SPREAD: 2.799

MIN RADIUS: 0.222

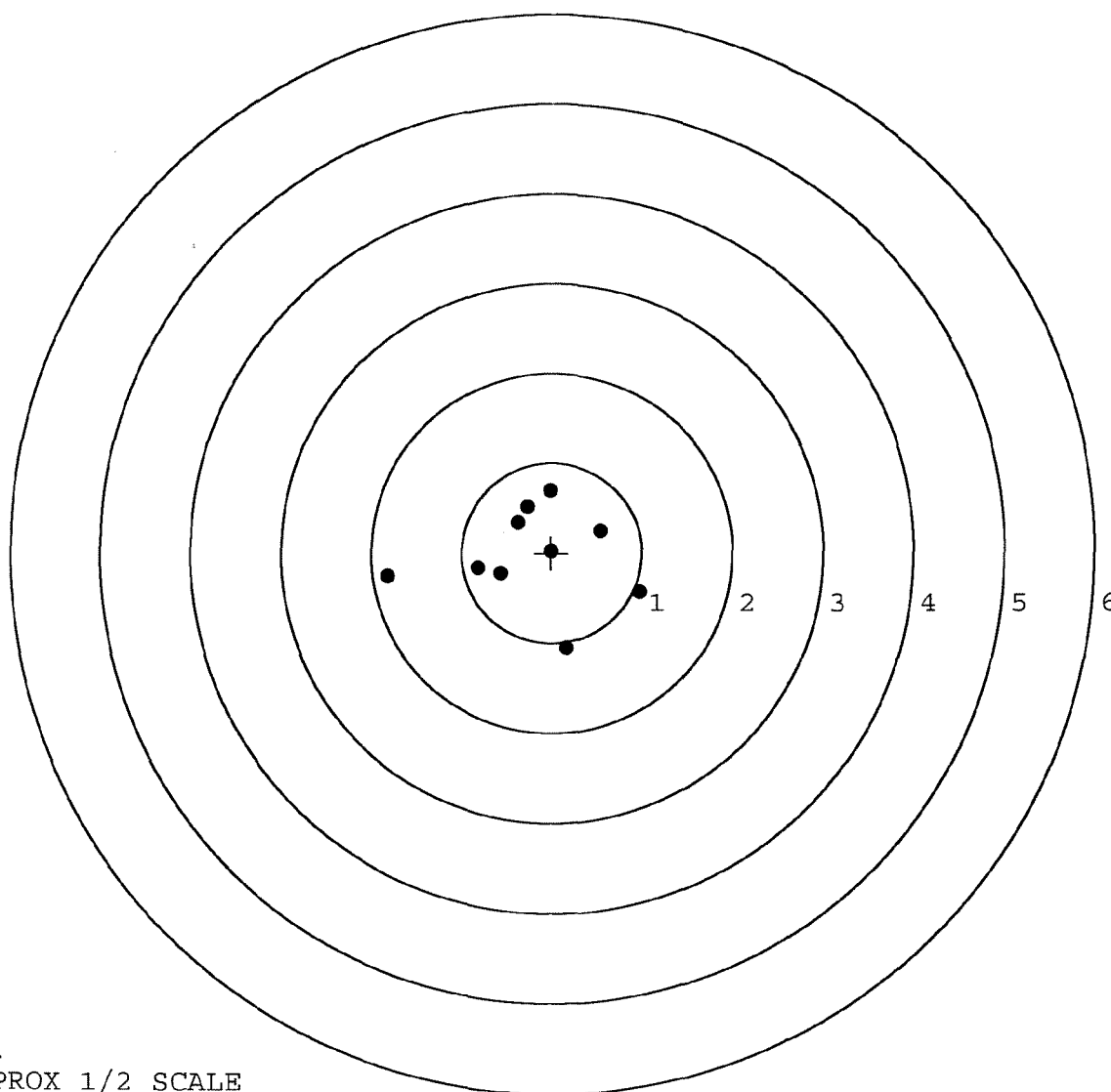
MAX RADIUS: 1.617

MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE