

G 65-2 1245

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



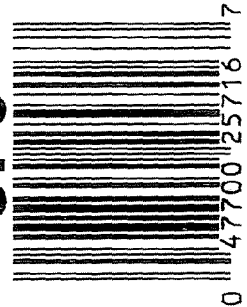
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6521245

UPC



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6521245

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		10/19/05	CD
440	PROOF		10/19/05	CD
460	CHECK HEADSPACE		10/19/05	CD
470	DIS-ASSEMBLE ACTION		10/19/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 <i>used</i>	10/27/05	<i>used</i>
500	ROLLMARK CALIBER		10/27/05	CW
510	DRILL AND TAP SIGHT HOLES		10/25/05	BR
520	GOFF BLAST BBL / REC		10-31-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		11/2/05	FB
	(BOLT)		11/2/05	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		11/3/05	MTM
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/3/05	MTM
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/3/05	MTM
	D) OIL FIRING PIN ASSEMBLY		11-17-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12-14-05	BC

REV-8405

BARBER - M24 0098428			READINGS			DATE	INITIAL		
OP #	OPERATION NAME								
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.0</u>	<u>8.0</u>	<u>7.0</u>	12-13-05	TRW		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u>	<u>2.5</u>	<u>2.5</u>	12-13-05	TRW		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.0245</u>	<u>.022</u>	<u>.023</u>	12-13-05	TRW		
	J) ASSEMBLE STOCK					11-17-05	RTZ		
	K) ASSEMBLE SWIVEL STUDS					12-14-05	BG		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					12-2-05	AK		
	M) IRON SIGHT ALIGNMENT					12-2-05	AK		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					12-2-05	AK		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL		12/3/05	9MFD		
			PASS	FAIL					
	MALFUNCTION		N/A						
	MALFUNCTION								
	MALFUNCTION								
	MALFUNCTION								
660	INSPECT FOR LIVE AMMO					12-3-05	SH		
670	FINAL INSPECTION A) HEADSPACE					12-14-05	BG		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u>	<u>2.94</u>	<u>2.98</u>	<u>2.94</u>	<u>2.95</u>	12/13/05	R.P
	C) FUNCTION					12-14-05	BG		
690	PACK					1-11-06	RA		

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)

SERIAL NO. _____

DATE 11-16-05TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.67		2.41	
PULL #2	2.60	2.44		2.44	
PULL #3	2.68	2.42		2.60	
PULL #4	2.62	2.46		2.56	
PULL #5	2.58	2.47		2.62	
TOTAL	13.06	12.46		12.63	
AVERAGE	2.61	2.49		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.89	3.01		
PULL #2	3.00	2.98		
PULL #3	2.91	3.07		
PULL #4	3.08	2.97		
PULL #5	3.03	2.95		
TOTAL	14.91	14.98		
AVERAGE	2.98	3.00		

	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	3.85	4.07		3.87
PULL #2	4.03	4.02		4.10
PULL #3	4.02	4.03		4.06
PULL #4	3.92	3.94		4.04
PULL #5	3.92	4.02		3.95
TOTAL	19.74	20.08		20.02
AVERAGE	3.95	4.02		4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521245.___0

FILE DATE AND TIME: 12/03/2005 17:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.635
The Distance from POA to Centroid Target #1:	0.044
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.040
The Distance from Centroid Target #4 to Centroid Target #1:	0.192
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

BARBER - M24 0098431

SERIAL NUMBER: G6521245. 0

TARGET NUMBER: 1

FILE DATE: 12/03/2005

FILE TIME: 17:05

POINT#	X	Y
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1:	0.448	0.367
----	-------	-------

2:	-0.050	0.162
----	--------	-------

3:	-0.380	0.779
----	--------	-------

4:	-0.849	0.256
----	--------	-------

5:	-0.069	-0.310
----	--------	--------

6:	-0.002	-0.448
----	--------	--------

7:	0.067	-0.599
----	-------	--------

8:	0.322	-0.440
----	-------	--------

9:	0.205	-0.157
----	-------	--------

10:	0.476	-0.022
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X CENTROID: 0.017

Y CENTROID: -0.041

POA TO CENTROID: 0.044

HORZ SPREAD: 1.325

VERT SPREAD: 1.378

GROUP SPREAD: 1.362

MIN RADIUS: 0.214

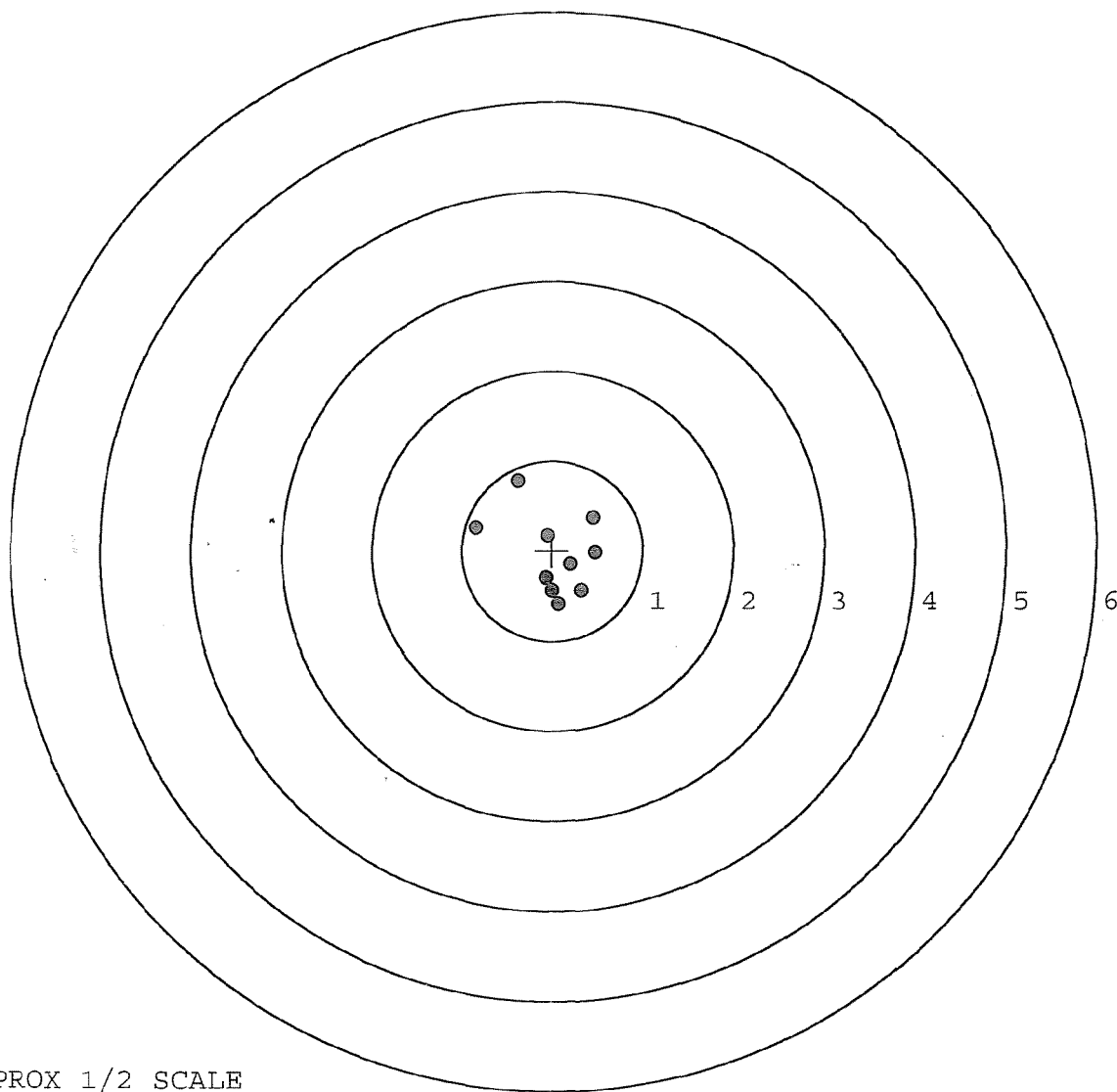
MAX RADIUS: 0.915

MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0098432

SERIAL NUMBER: G6521245. 0

TARGET NUMBER: 2

FILE DATE: 12/03/2005

FILE TIME: 17:05

POINT#	X	Y
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1:	-0.199	0.433
----	--------	-------

2:	-0.190	0.609
----	--------	-------

3:	-0.253	0.769
----	--------	-------

4:	0.318	0.809
----	-------	-------

5:	0.420	1.106
----	-------	-------

6:	-0.360	-0.829
----	--------	--------

7:	-0.047	-0.632
----	--------	--------

8:	0.382	-0.401
----	-------	--------

9:	0.271	-0.567
----	-------	--------

10:	0.746	-0.764
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X CENTROID: 0.109

Y CENTROID: 0.053

POA TO CENTROID: 0.121

HORZ SPREAD: 1.106

VERT SPREAD: 1.935

GROUP SPREAD: 2.086

MIN RADIUS: 0.489

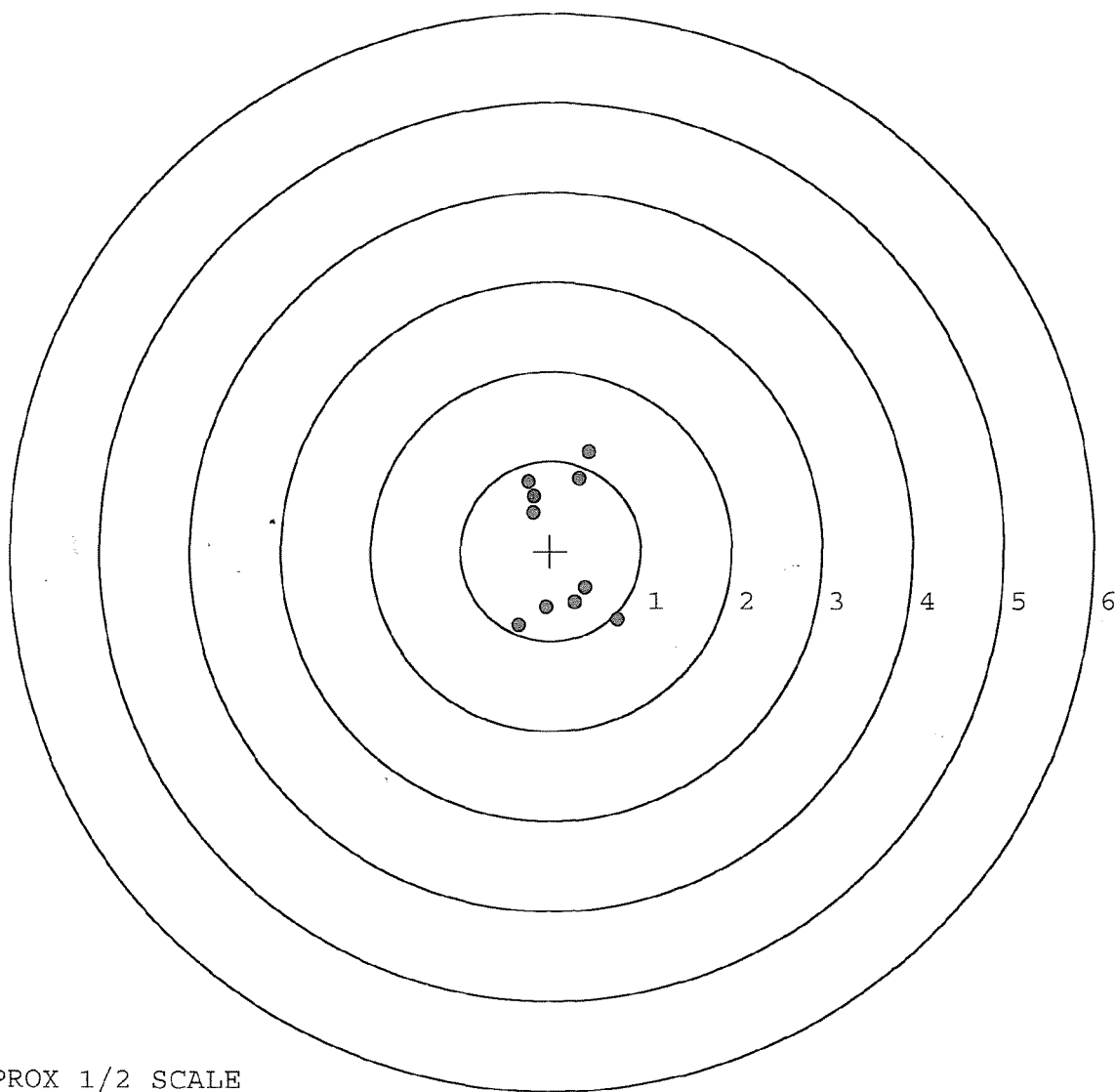
MAX RADIUS: 1.098

MEAN RADIUS: 0.771

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0098433

SERIAL NUMBER: G6521245. 0

TARGET NUMBER: 3

FILE DATE: 12/03/2005

FILE TIME: 17:05

POINT#	X	Y
1:	-0.061	0.273
2:	0.271	0.186
3:	0.507	0.312
4:	0.979	0.801
5:	0.068	0.979
6:	-0.642	0.008
7:	-0.466	-0.473
8:	-0.543	-0.690
9:	0.039	-0.632
10:	0.415	-1.155

X CENTROID: 0.057

Y CENTROID: -0.039

POA TO CENTROID: 0.069

HORZ SPREAD: 1.621

VERT SPREAD: 2.134

GROUP SPREAD: 2.131

MIN RADIUS: 0.311

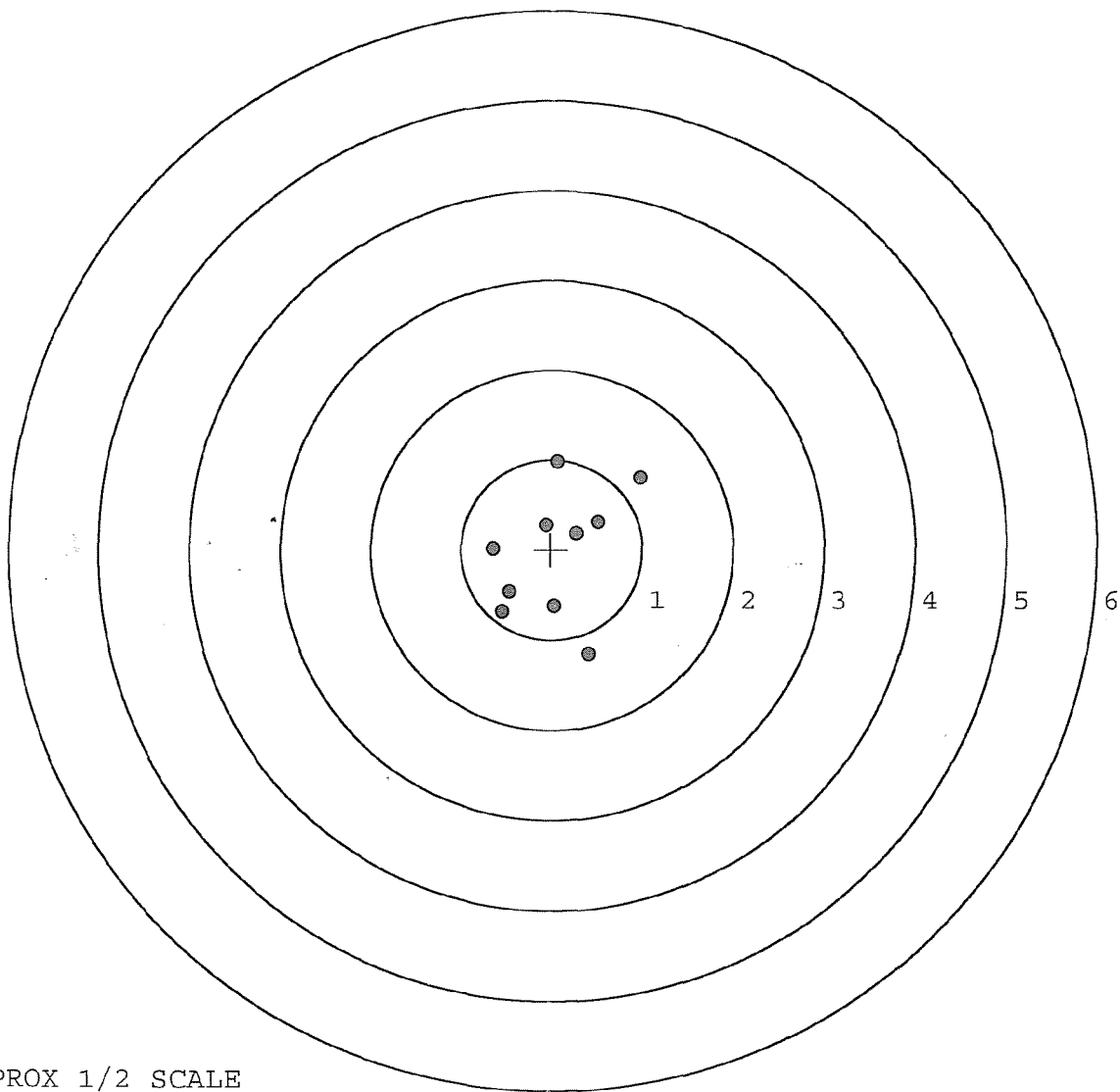
MAX RADIUS: 1.248

MEAN RADIUS: 0.751

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



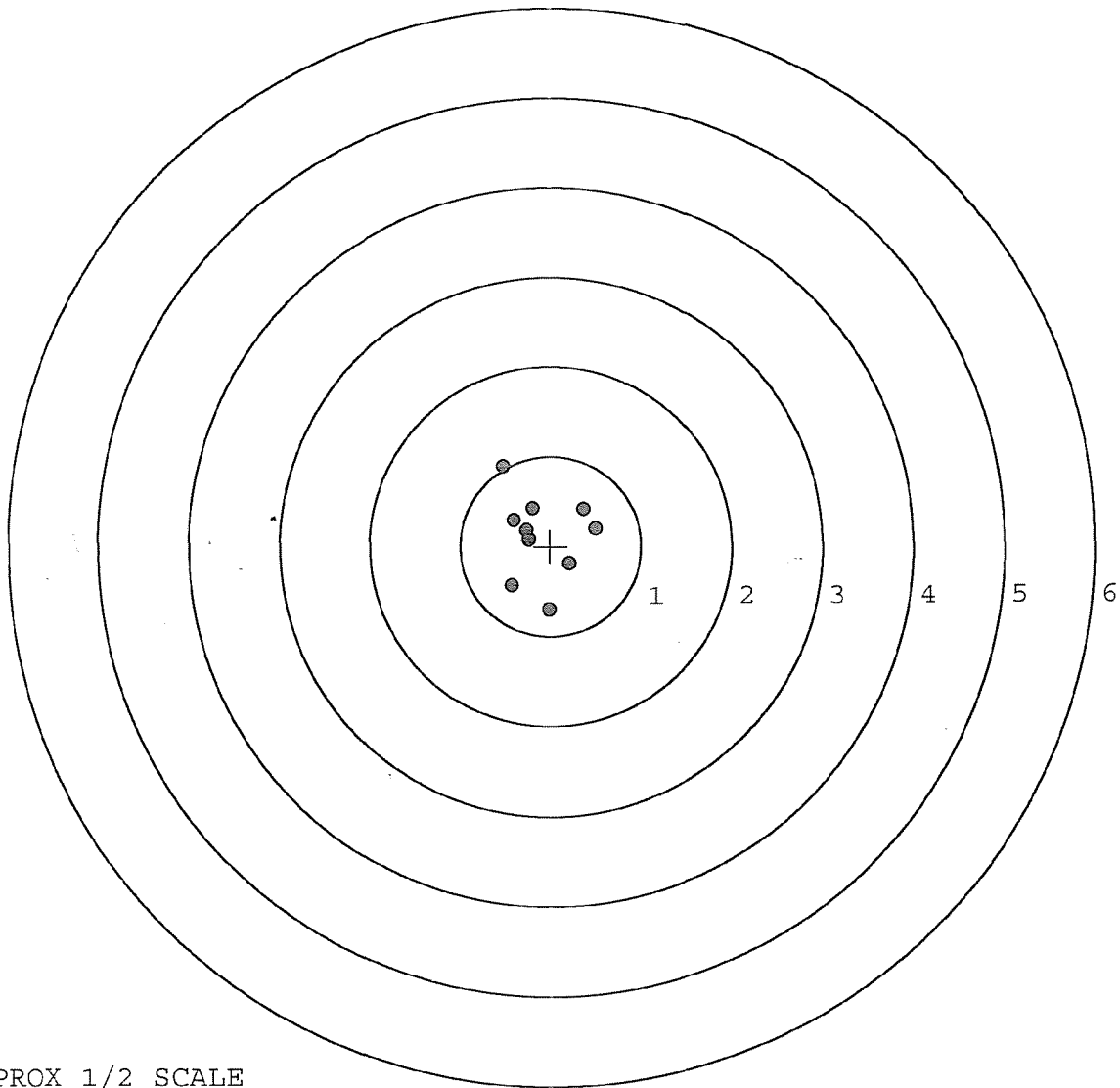
TARGET APPROX 1/2 SCALE

BARBER - M24 0098434

SERIAL NUMBER: G6521245. __0
TARGET NUMBER: 4
FILE DATE: 12/03/2005
FILE TIME: 17:05

POINT#	X	Y
1:	0.502	0.197
2:	0.367	0.417
3:	-0.195	0.421
4:	-0.400	0.290
5:	-0.237	0.074
6:	0.209	-0.199
7:	-0.431	-0.443
8:	-0.017	-0.709
9:	-0.531	0.891
10:	-0.266	0.176

X CENTROID: -0.100
Y CENTROID: 0.111
POA TO CENTROID: 0.150
HORZ SPREAD: 1.033
VERT SPREAD: 1.600
GROUP SPREAD: 1.681
MIN RADIUS: 0.142
MAX RADIUS: 0.891
MEAN RADIUS: 0.496
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0098435

SERIAL NUMBER: G6521245. 0

TARGET NUMBER: 5

FILE DATE: 12/03/2005

FILE TIME: 17:05

POINT#	X	Y
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1:	0.503	0.582
----	-------	-------

2:	0.261	0.640
----	-------	-------

3:	0.016	0.678
----	-------	-------

4:	-0.922	0.342
----	--------	-------

5:	0.278	0.131
----	-------	-------

6:	0.402	-0.043
----	-------	--------

7:	0.249	-0.340
----	-------	--------

8:	0.548	-0.132
----	-------	--------

9:	-0.260	-1.002
----	--------	--------

10:	0.205	-1.024
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X CENTROID: 0.128

Y CENTROID: -0.017

POA TO CENTROID: 0.129

HORZ SPREAD: 1.470

VERT SPREAD: 1.702

GROUP SPREAD: 1.771

MIN RADIUS: 0.211

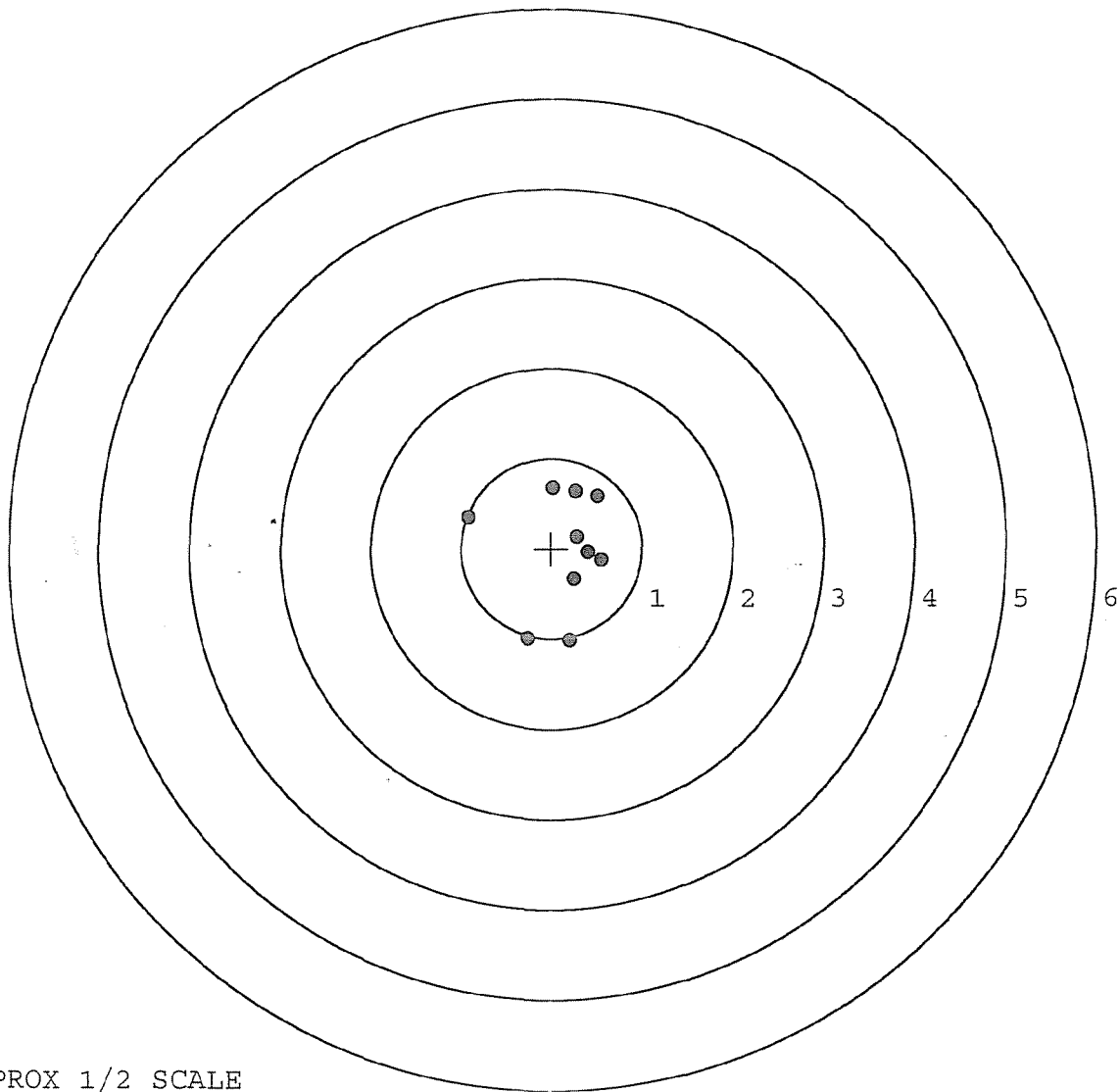
MAX RADIUS: 1.110

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE