

G-623 6275

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

623 6275

~~628 6275~~

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/27/02	RL
600	PROOF		9-4-02	A
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-4-02	A
610	DIS-ASSEMBLE GUN	OCT 28 2002	9/3/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 04 2002 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		9/5	ls
617	DRILL AND TAP SIGHT HOLES		9-5-02	A
620	APPLY COATINGS (BARREL ACTION)	10/30 TA	10-1	TA
	(BOLT)	10/30 TA	10-1	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-22-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-22-02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-22-02	DA
	D) OIL FIRING PIN ASSEMBLY		10-22-02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION	BARBER - M24 0148099	READINGS			DATE	INITIAL		
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>8</u>	<u>8</u>	<u>8</u>	3-29-03	RW		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>1.5</u>	<u>2.5</u>	<u>3</u>	3-29-03	RW		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.021</u>	<u>.022</u>	<u>.022</u>	3-29-03	RW		
	J) ASSEMBLE STOCK					3-27-03	PW		
	K) ASSEMBLE SWIVEL STUDS					3-28-03	RW		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S								
	M) IRON SIGHT ALIGNMENT								
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER								
640	GALLERY TEST AND TARGET		PASS	FAIL		3-28-03	TRW		
	MALFUNCTION		CORRECTION			3-28-03	TRW		
	MALFUNCTION		CORRECTION			3-28-03	TRW		
	MALFUNCTION		CORRECTION			3-28-03	TRW		
	MALFUNCTION		CORRECTION			3-28-03	TRW		
645	INSPECT FOR LIVE AMMO					3-28-03	TRW		
655	FINAL INSPECTION A) HEADSPACE					3-29-03	RW		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u>	<u>2.60</u>	<u>2.65</u>	<u>2.53</u>	<u>2.45</u>	3-29-03	RW
	C) FUNCTION					3-29-03	RW		
660	PACK					4/2/03	DA		

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

BARBER - M24 0148100

DATE 12-17-02

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

TESTER

TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.31		2.22	MIN. SETTING
PULL #2	2.22	2.27		2.31	NO AVG. OF 5
PULL #3	2.56	2.33		2.20	READINGS ACCEPT
PULL #4	2.35	2.35		2.22	ABLE LESS THAN
PULL #5	2.38	2.20		2.17	
TOTAL	11.90	11.46		11.12	
AVG.	2.38	2.29		2.22	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.22		
PULL #2	3.01	3.07		
PULL #3	3.10	3.08		
PULL #4	3.05	3.13		
PULL #5	3.15	3.07		
TOTAL	15.38	15.57		
AVG.	3.07	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.25	4.17		4.09
PULL #2	4.16	4.03		4.08
PULL #3	4.30	4.01		4.14
PULL #4	4.14	4.06		4.08
PULL #5	4.16	4.17		4.00
TOTAL	21.01	20.44		20.39
AVG.	4.20	4.08		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: ⁶²³⁶²⁷⁵G6286275.__0
FILE DATE AND TIME: 03/29/2003. 05:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.121
The Average Y Centroid of the Five Target Set:	0.005
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.795
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.055
The Distance from Centroid Target #3 to Centroid Target #1:	0.422
The Distance from Centroid Target #4 to Centroid Target #1:	0.364
The Distance from Centroid Target #5 to Centroid Target #1:	0.331

BARBER - M24 0148102

SERIAL NUMBER: G6236275. __0

TARGET NUMBER: 1

FILE DATE: 03/29/2003

FILE TIME: 05:19

POINT#	X	Y
1:	0.841	-0.798
2:	0.179	-0.940
3:	0.655	0.067
4:	0.182	0.120
5:	0.489	0.603
6:	-0.158	0.076
7:	-0.330	0.157
8:	-0.594	-0.403
9:	-1.075	-0.421
10:	-0.081	-0.124

X CENTROID: 0.011

Y CENTROID: -0.166

POA TO CENTROID: 0.167

HORZ SPREAD: 1.916

VERT SPREAD: 1.543

GROUP SPREAD: 1.953

MIN RADIUS: 0.101

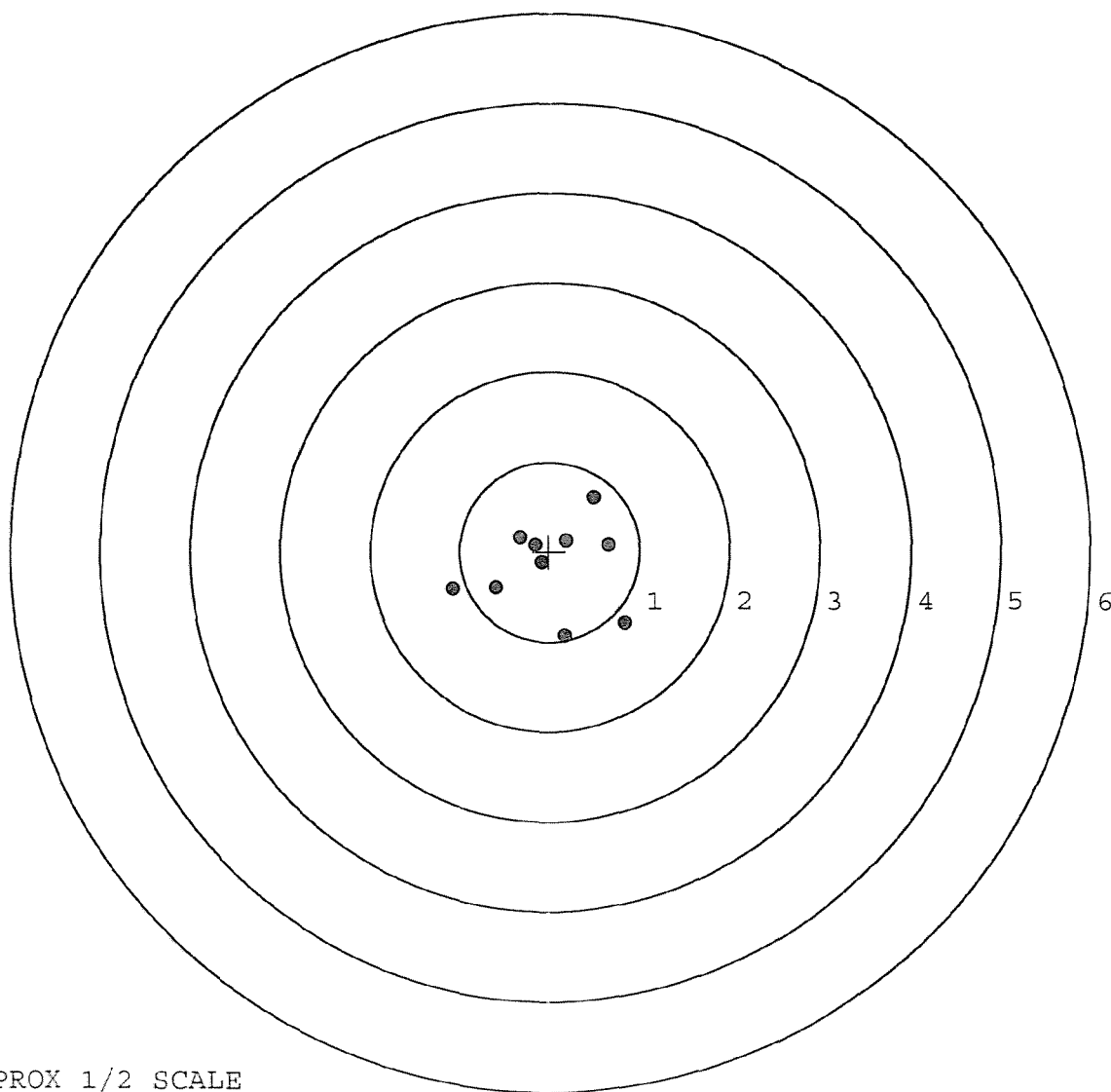
MAX RADIUS: 1.115

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



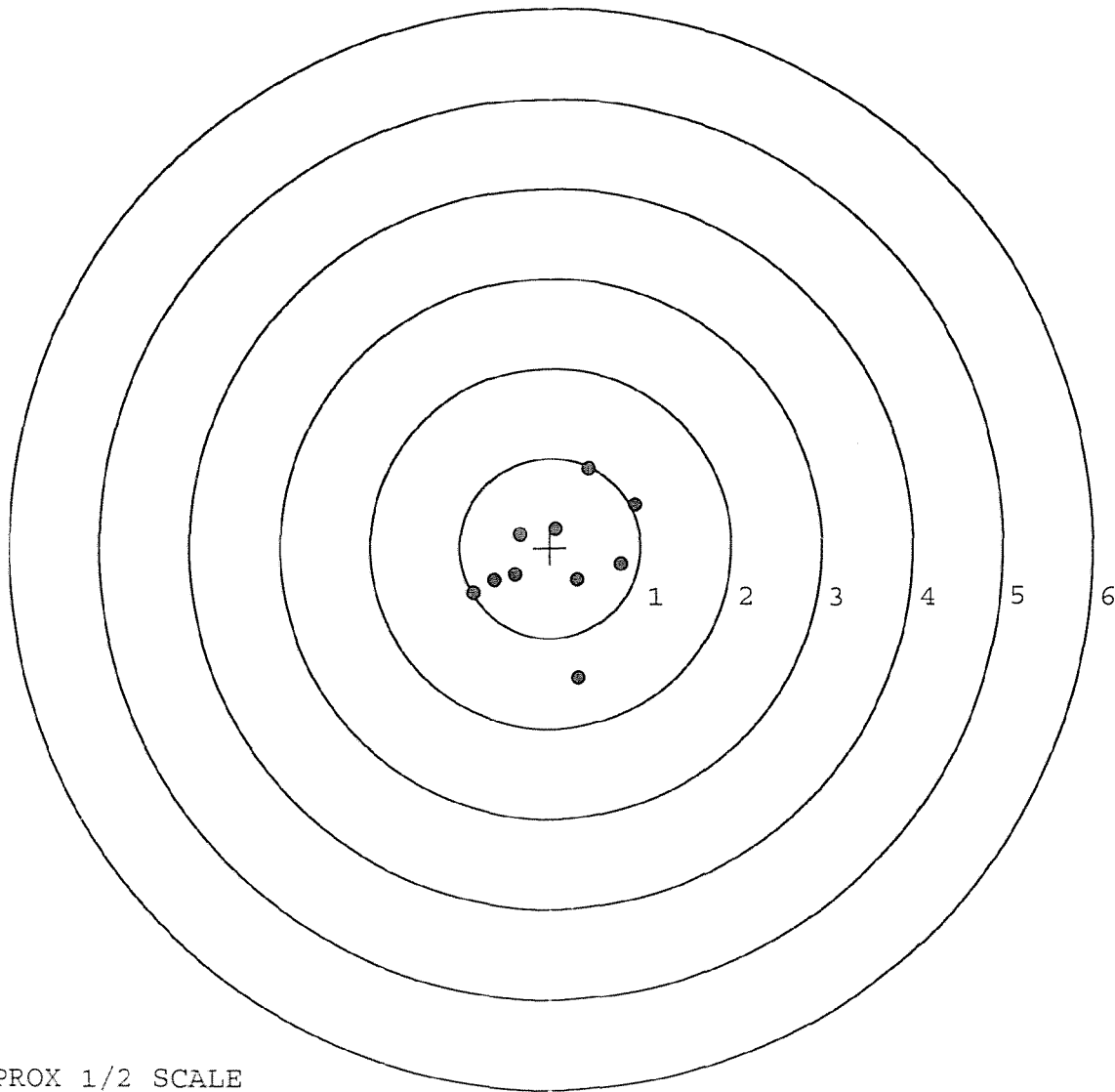
TARGET APPROX 1/2 SCALE

BARBER - M24 0148103

SERIAL NUMBER: G6236275. __0
 TARGET NUMBER: 2
 FILE DATE: 03/29/2003
 FILE TIME: 05:19

X CENTROID: 0.064
 Y CENTROID: -0.150
 POA TO CENTROID: 0.163
 HORZ SPREAD: 1.784
 VERT SPREAD: 2.328
 GROUP SPREAD: 2.331
 MIN RADIUS: 0.327
 MAX RADIUS: 1.328
 MEAN RADIUS: 0.757
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.319	-1.453
2:	0.784	-0.194
3:	0.303	-0.372
4:	0.062	0.209
5:	-0.339	0.151
6:	0.934	0.477
7:	0.428	0.875
8:	-0.388	-0.303
9:	-0.616	-0.372
10:	-0.850	-0.514



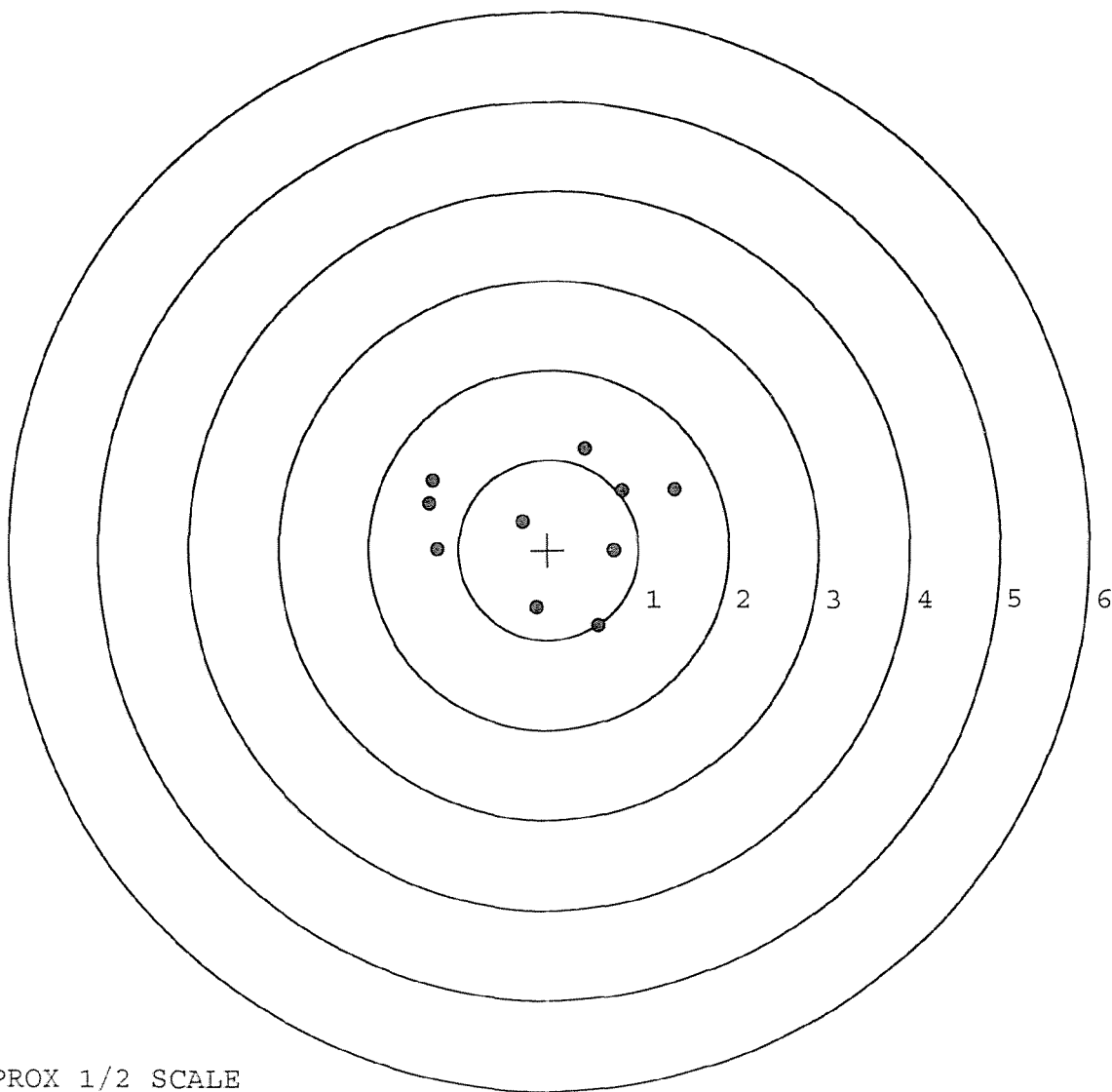
TARGET APPROX 1/2 SCALE

BARBER - M24 0148104

SERIAL NUMBER: G6236275. __0
 TARGET NUMBER: 3
 FILE DATE: 03/29/2003
 FILE TIME: 05:19

POINT#	X	Y
1:	0.730	-0.013
2:	1.397	0.665
3:	0.815	0.659
4:	0.411	1.120
5:	0.554	-0.849
6:	-0.128	-0.641
7:	-0.289	0.317
8:	-1.236	0.000
9:	-1.330	0.511
10:	-1.291	0.761

X CENTROID: -0.037
 Y CENTROID: 0.253
 POA TO CENTROID: 0.256
 HORZ SPREAD: 2.727
 VERT SPREAD: 1.969
 GROUP SPREAD: 2.731
 MIN RADIUS: 0.260
 MAX RADIUS: 1.492
 MEAN RADIUS: 1.053
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



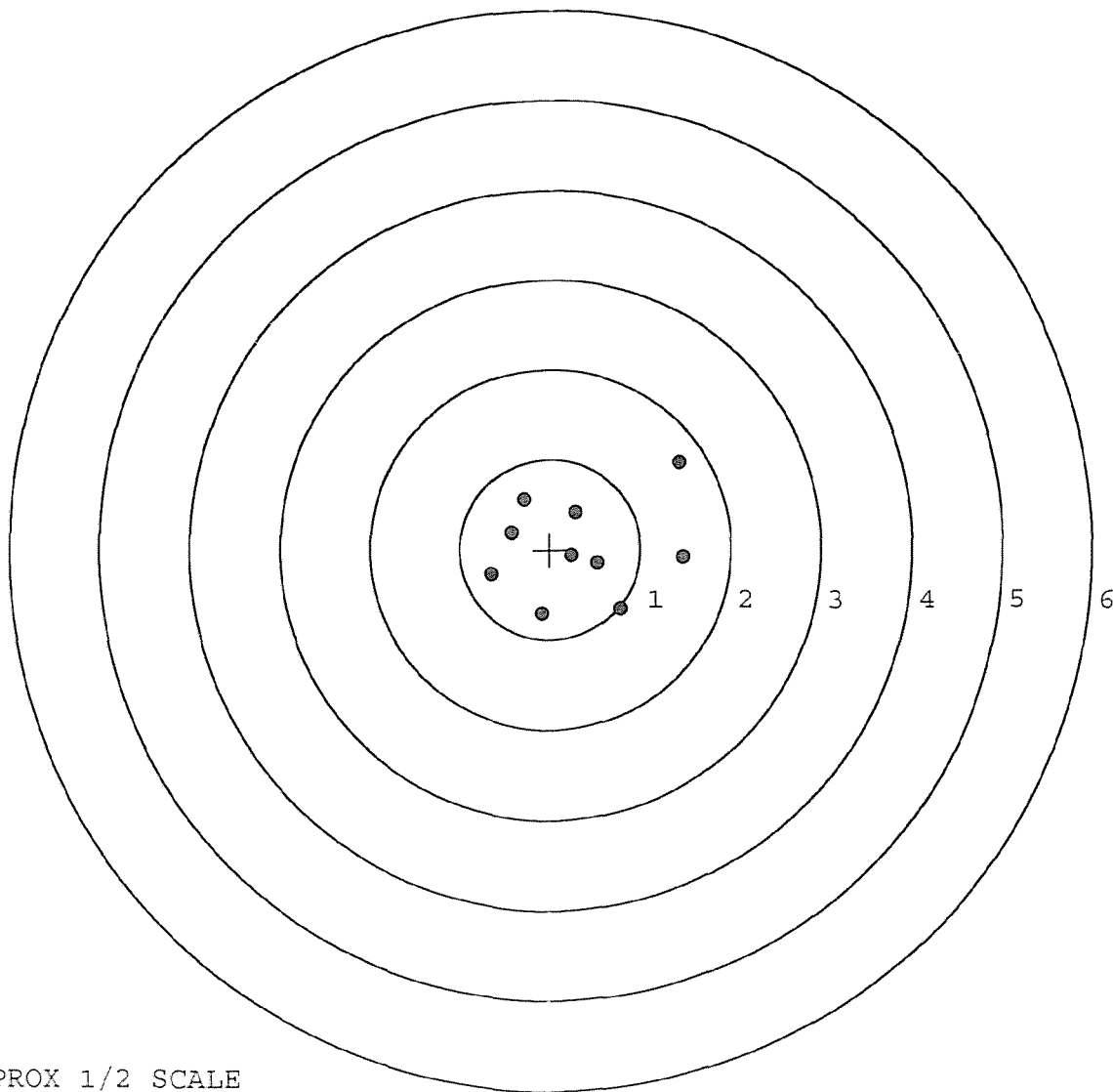
TARGET APPROX 1/2 SCALE

BARBER - M24 0148105

SERIAL NUMBER: G6236275. __0
 TARGET NUMBER: 4
 FILE DATE: 03/29/2003
 FILE TIME: 05:19

X CENTROID: 0.327
 Y CENTROID: 0.015
 POA TO CENTROID: 0.327
 HORZ SPREAD: 2.122
 VERT SPREAD: 1.679
 GROUP SPREAD: 2.417
 MIN RADIUS: 0.117
 MAX RADIUS: 1.448
 MEAN RADIUS: 0.765
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.472	-0.088
2:	1.420	0.965
3:	0.282	0.411
4:	0.244	-0.068
5:	0.527	-0.159
6:	0.781	-0.662
7:	-0.090	-0.714
8:	-0.650	-0.282
9:	-0.431	0.188
10:	-0.287	0.559



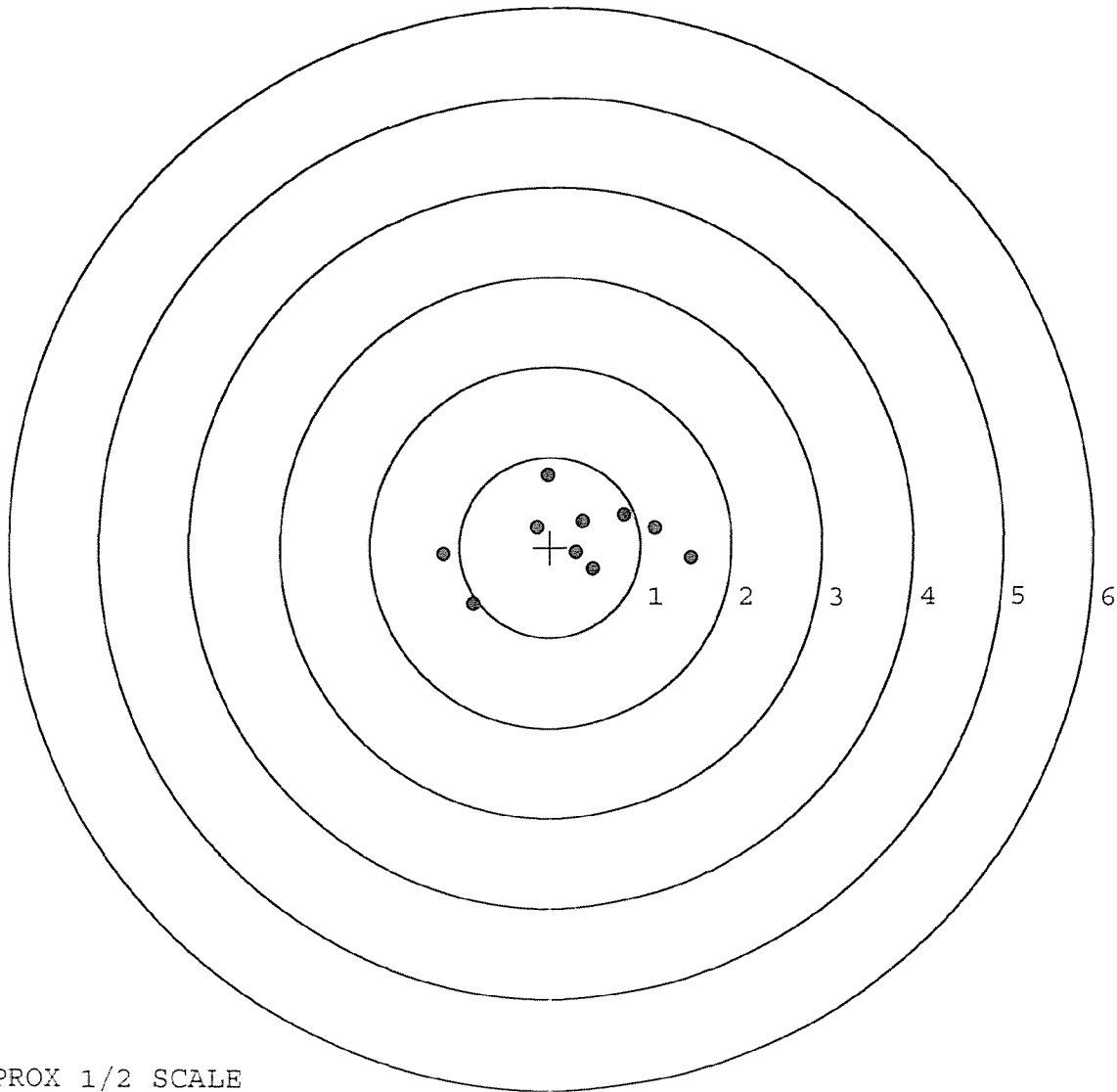
TARGET APPROX 1/2 SCALE

BARBER - M24 0148106

SERIAL NUMBER: G6236275. __0
 TARGET NUMBER: 5
 FILE DATE: 03/29/2003
 FILE TIME: 05:19

POINT#	X	Y
1:	1.547	-0.123
2:	0.477	-0.252
3:	0.290	-0.064
4:	0.354	0.281
5:	-0.147	0.224
6:	-0.028	0.806
7:	-1.185	-0.086
8:	-0.851	-0.638
9:	0.816	0.349
10:	1.148	0.208

X CENTROID: 0.242
 Y CENTROID: 0.070
 POA TO CENTROID: 0.252
 HORZ SPREAD: 2.732
 VERT SPREAD: 1.444
 GROUP SPREAD: 2.732
 MIN RADIUS: 0.143
 MAX RADIUS: 1.436
 MEAN RADIUS: 0.759
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE