

G-6236129

MODEL 700TH M24

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66236129

MODEL 700TM M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

GREEN ENVELOPE CONTAINS:
- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM

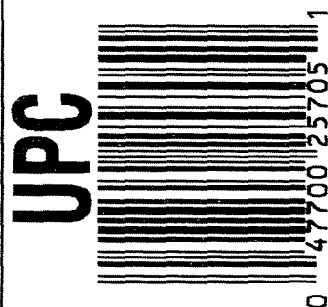


ORDER NO. **25705**

BARREL LENGTH **24"**

CAPACITY **6**

G6236129



CONTRACT #
DAAE20-01-P-0489
170 RIFLES

GUN SERIAL # 6623 6129

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		3/16/02	RK
600	PROOF		3-17-02	K
607	CHECK HEADSPACE		3-17-02	RK
610	DIS-ASSEMBLE GUN		3/17/02	RK
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		MAR 23 2002 INSPECTED OPERATOR	RK
615	ROLLMARK CALIBER		3/23	TC
617	DRILL AND TAP SIGHT HOLES		3/26/02	BWT
620	APPLY COATINGS (BARREL ACTION)		4-4	TA
	(BOLT)		4-4	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/16/02	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/16/02	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/16/02	RW
	D) OIL FIRING PIN ASSEMBLY		4/16/02	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	4/16/02	RW

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	6/10/02	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	6/10/02	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.0235</u>	6/10/02	TRW
	J) ASSEMBLE STOCK		5/8/02	RW
	K) ASSEMBLE SWIVEL STUDS		6/15/02	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/15/02	RW
	M) IRON SIGHT ALIGNMENT		6/15/02	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/15/02	RW
640	GALLERY TEST AND TARGET	PASS FAIL	5-17-02	TRW
	MALFUNCTION	CORRECTION	5-17-02	TRW
	MALFUNCTION	CORRECTION	5-17-02	TRW
	MALFUNCTION	CORRECTION	5-17-02	TRW
	MALFUNCTION	CORRECTION	5-17-02	TRW
645	INSPECT FOR LIVE AMMO		5-17-02	TRW
655	FINAL INSPECTION A) HEADSPACE		6/15/02	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.60</u> <u>2.69</u> <u>2.69</u> <u>2.31</u> <u>2.89</u>	6/10/02	TRW
	C) FUNCTION		6/10/02	RW
660	PACK		6/13/02	DTA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. G6236129DATE 5-2-02TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.23		2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.24		2.42	
PULL #3	2.40	2.45		2.24	
PULL #4	2.26	2.22		2.26	
PULL #5	2.27	2.33		2.37	
TOTAL	11.46	11.47		11.95	
AVG.	2.29	2.29		2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.34		
PULL #2	3.42	3.33		
PULL #3	3.44	3.34		
PULL #4	3.31	3.34		
PULL #5	3.19	3.21		
TOTAL	16.69	16.56		
AVG.	3.33	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURAC
PULL #1	4.19	4.13		4.27
PULL #2	4.13	4.05		4.17
PULL #3	4.19	4.14		4.05
PULL #4	4.10	4.15		4.21
PULL #5	4.17	4.14		4.17
TOTAL	20.78	20.61		20.87
AVG.	4.15	4.12		4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236129.___0
FILE DATE AND TIME: 05/18/2002 13:30

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:	-0.055
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.835
The Distance from POA to Centroid Target #1:	0.156
The Distance from Centroid Target #2 to Centroid Target #1:	0.351
The Distance from Centroid Target #3 to Centroid Target #1:	0.372
The Distance from Centroid Target #4 to Centroid Target #1:	0.244
The Distance from Centroid Target #5 to Centroid Target #1:	0.225

SERIAL NUMBER: G6236129. __ 0

TARGET NUMBER: 1

FILE DATE: 05/18/2002

FILE TIME: 13:30

POINT#	X	Y
1:	0.870	-0.088
2:	0.349	-0.755
3:	-0.253	-0.916
4:	-0.147	1.202
5:	-0.281	0.972
6:	-0.218	0.576
7:	-0.508	-0.040
8:	0.304	0.248
9:	0.076	0.214
10:	-0.261	0.146

X CENTROID: -0.007

Y CENTROID: 0.156

POA TO CENTROID: 0.156

HORZ SPREAD: 1.378

VERT SPREAD: 2.118

GROUP SPREAD: 2.121

MIN RADIUS: 0.101

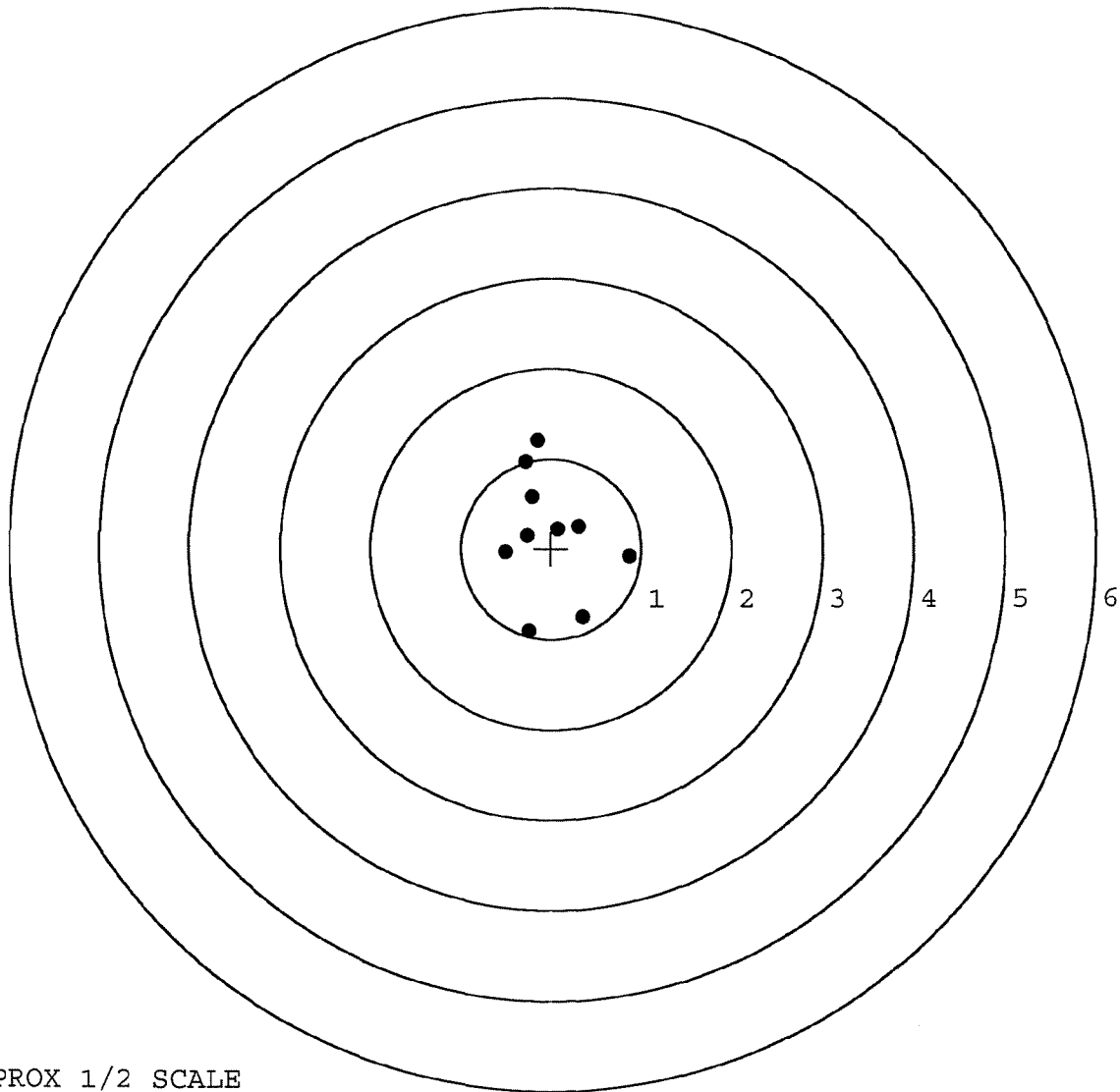
MAX RADIUS: 1.100

MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



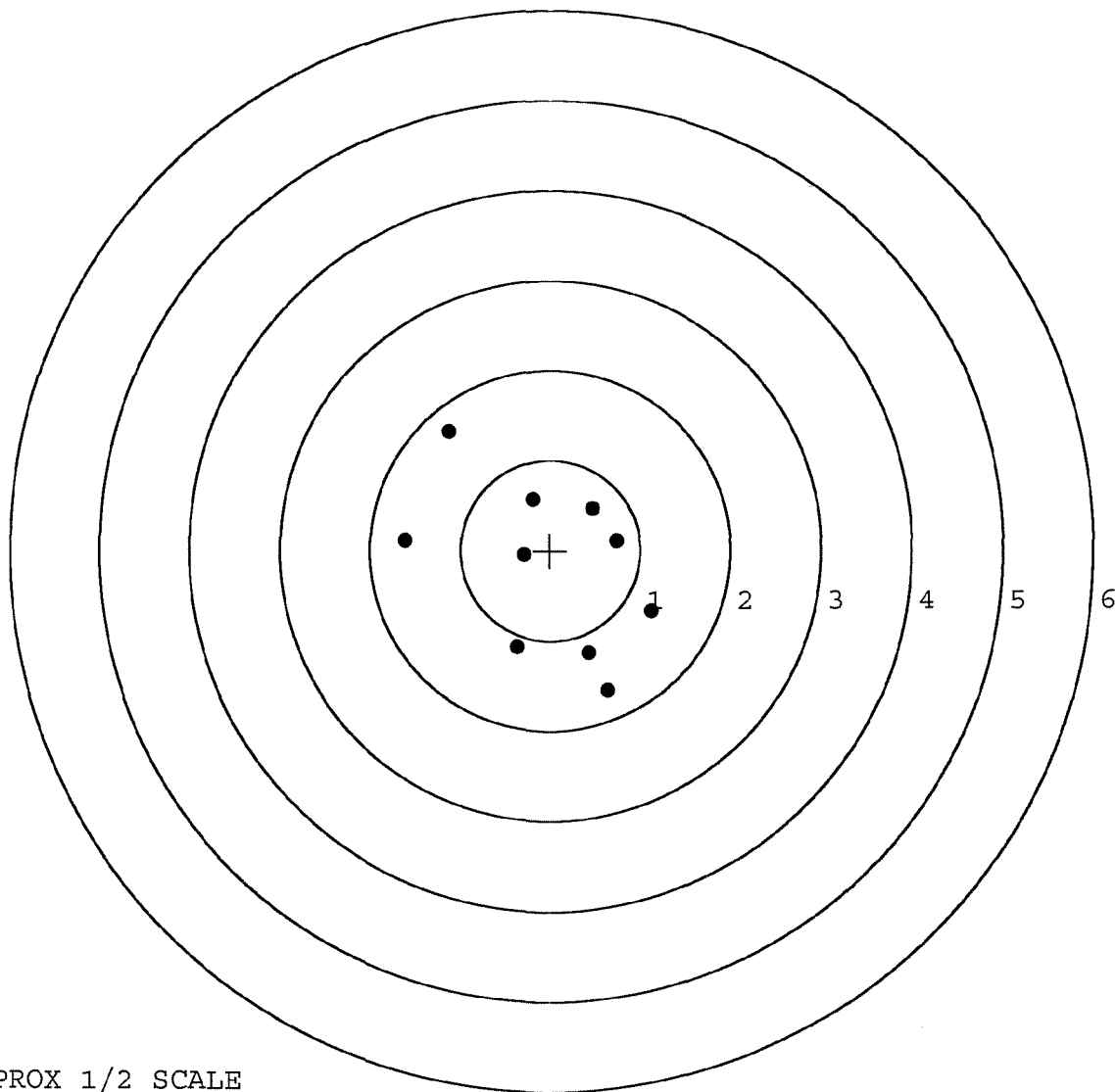
TARGET APPROX 1/2 SCALE

BARBER - M24 0146267

SERIAL NUMBER: G6236129. __0
 TARGET NUMBER: 2
 FILE DATE: 05/18/2002
 FILE TIME: 13:30

POINT#	X	Y
1:	0.645	-1.555
2:	0.429	-1.136
3:	-0.369	-1.075
4:	1.123	-0.678
5:	0.744	0.105
6:	0.467	0.462
7:	-0.291	-0.058
8:	-0.194	0.560
9:	-1.607	0.108
10:	-1.133	1.318

X CENTROID: -0.019
 Y CENTROID: -0.195
 POA TO CENTROID: 0.196
 HORZ SPREAD: 2.730
 VERT SPREAD: 2.873
 GROUP SPREAD: 3.379
 MIN RADIUS: 0.305
 MAX RADIUS: 1.879
 MEAN RADIUS: 1.095
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



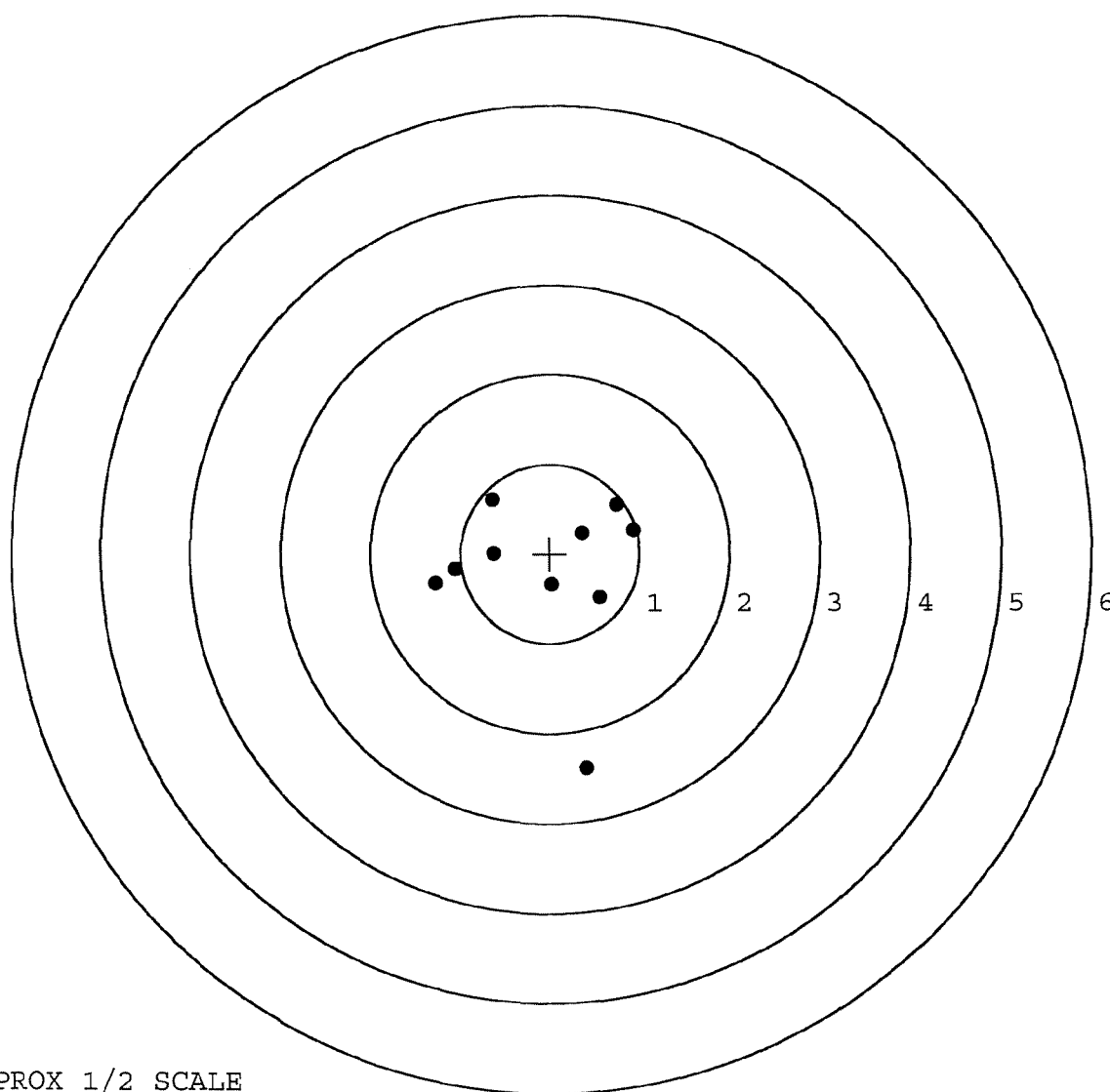
TARGET APPROX 1/2 SCALE

BARBER - M24 0146268

SERIAL NUMBER: G6236129. __0
 TARGET NUMBER: 3
 FILE DATE: 05/18/2002
 FILE TIME: 13:30

POINT#	X	Y
1:	0.560	-0.498
2:	0.023	-0.353
3:	0.355	0.227
4:	0.928	0.263
5:	0.744	0.548
6:	-0.650	0.602
7:	-0.631	-0.005
8:	-1.055	-0.176
9:	-1.275	-0.343
10:	0.412	-2.391

X CENTROID: -0.059
 Y CENTROID: -0.213
 POA TO CENTROID: 0.221
 HORZ SPREAD: 2.203
 VERT SPREAD: 2.993
 GROUP SPREAD: 3.176
 MIN RADIUS: 0.163
 MAX RADIUS: 2.229
 MEAN RADIUS: 0.971
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



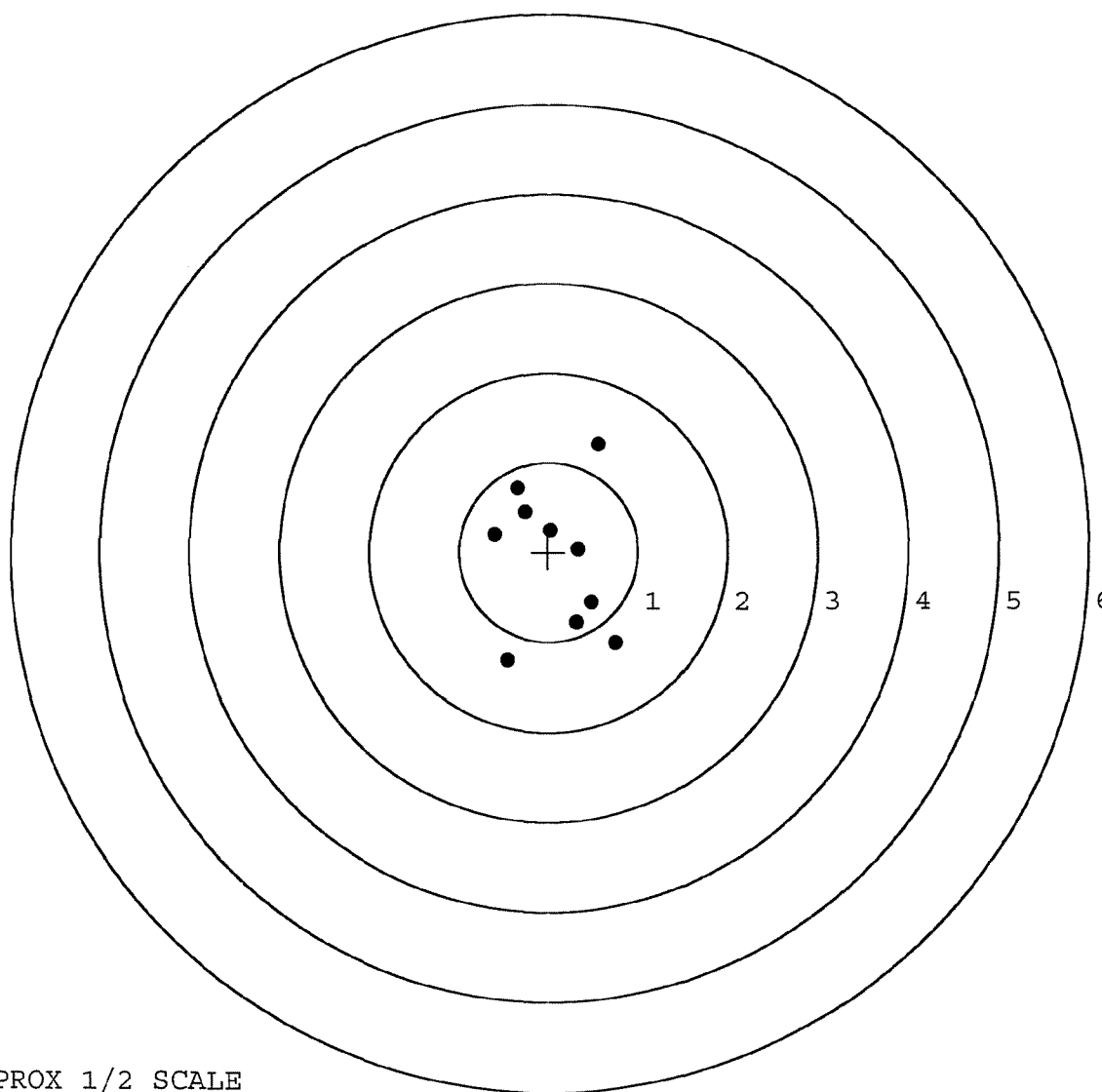
TARGET APPROX 1/2 SCALE

BARBER - M24 0146269

SERIAL NUMBER: G6236129. __0
 TARGET NUMBER: 4
 FILE DATE: 05/18/2002
 FILE TIME: 13:30

POINT#	X	Y
1:	0.747	-1.014
2:	0.315	-0.787
3:	0.484	-0.563
4:	-0.461	-1.211
5:	0.335	0.037
6:	0.030	0.246
7:	-0.265	0.451
8:	-0.347	0.709
9:	-0.608	0.199
10:	0.558	1.206

X CENTROID: 0.079
 Y CENTROID: -0.073
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.355
 VERT SPREAD: 2.417
 GROUP SPREAD: 2.623
 MIN RADIUS: 0.279
 MAX RADIUS: 1.366
 MEAN RADIUS: 0.802
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

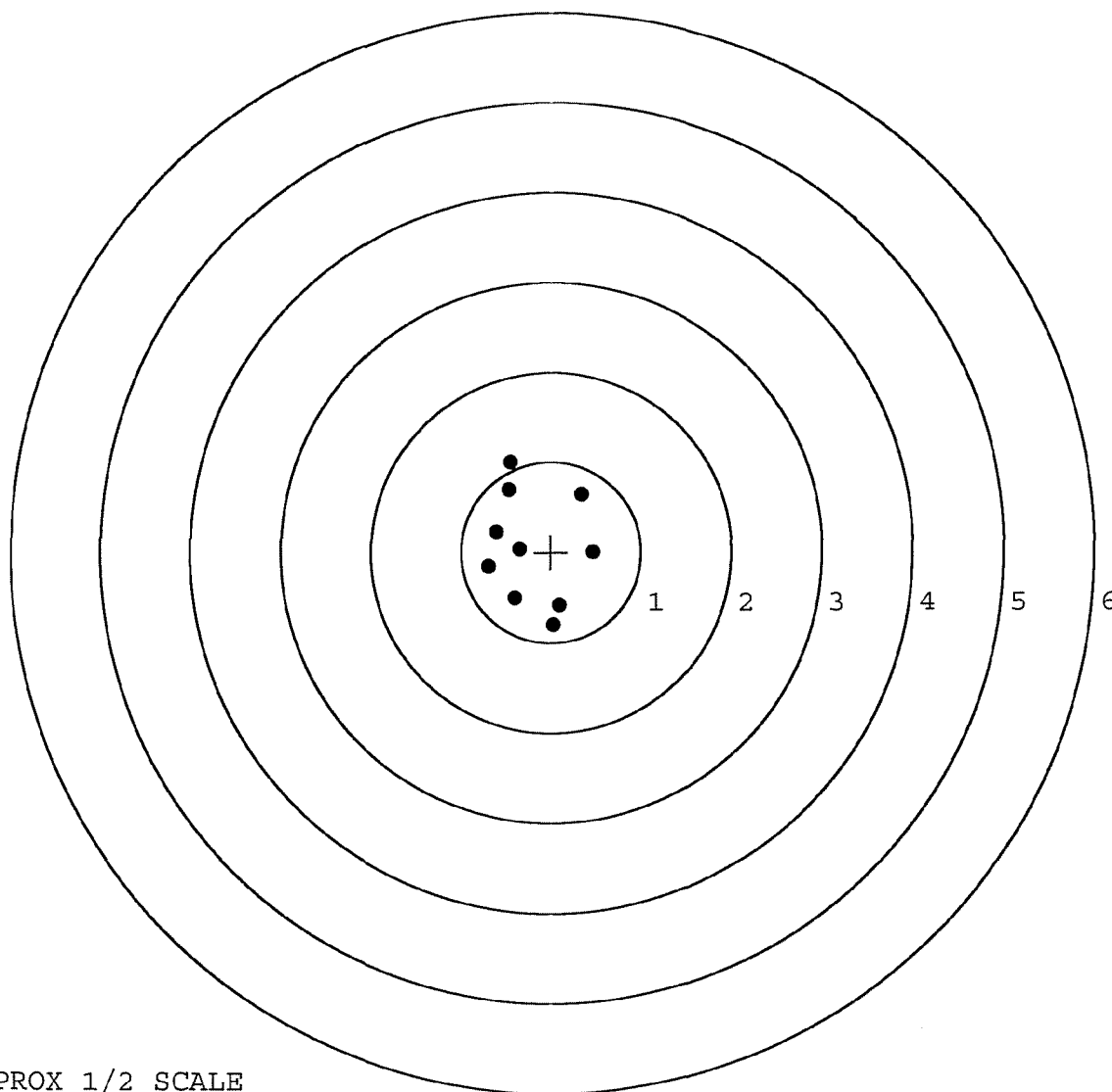


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236129. 0
 TARGET NUMBER: 5
 FILE DATE: 05/18/2002
 FILE TIME: 13:30

POINT#	X	Y
1:	-0.449	0.999
2:	-0.477	0.689
3:	-0.620	0.226
4:	-0.351	0.036
5:	-0.697	-0.164
6:	-0.403	-0.509
7:	0.032	-0.812
8:	0.097	-0.592
9:	0.469	-0.002
10:	0.336	0.636

X CENTROID: -0.206
 Y CENTROID: 0.051
 POA TO CENTROID: 0.212
 HORZ SPREAD: 1.166
 VERT SPREAD: 1.811
 GROUP SPREAD: 1.874
 MIN RADIUS: 0.145
 MAX RADIUS: 0.979
 MEAN RADIUS: 0.648
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE