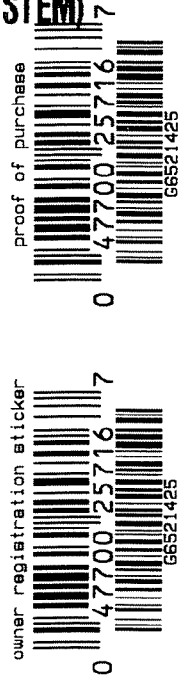


G 652 1425

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
G6521425	

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



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



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6521425

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/11/05	CD
440	PROOF		11/11/05	CD
460	CHECK HEADSPACE	MAGNA-FLUX	11/11/05	CD
470	DIS-ASSEMBLE ACTION	INSPECTED	11/11/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	NOV 16 2005 480 OPERATOR <i>unus</i>	11/16/05	<i>unus</i>
500	ROLLMARK CALIBER		11/16/05	CW
510	DRILL AND TAP SIGHT HOLES		11-18-05	BR
520	GOFF BLAST BBL / REC		11-18-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		11/23/05	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		11-30-05	<i>A</i>
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-30-05	<i>A</i>
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-30-05	<i>A</i>
	D) OIL FIRING PIN ASSEMBLY		12-1-05	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12-14-05	BB

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>6.5</u> <u>6.5</u>	12-13-05	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.25</u> <u>2.5</u>	12-13-05	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.0245</u>	12-13-05	TRW
	J) ASSEMBLE STOCK		12-1-05	RSL
	K) ASSEMBLE SWIVEL STUDS		12-14-05	BG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-1-05	BG
	M) IRON SIGHT ALIGNMENT		12-1-05	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-1-05	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12/5/05	MJL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-5-05	MJL
670	FINAL INSPECTION A) HEADSPACE		12-14-05	BG
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.18</u> <u>2.29</u> <u>2.35</u> <u>2.42</u> <u>2.45</u>	12/13/05	R.P.
	C) FUNCTION		12-14-05	BG
690	PACK		1-11-06	DA

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 11-22-05TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.59		2.59	
PULL #2	2.49	2.63		2.56	
PULL #3	2.49	2.57		2.58	
PULL #4	2.48	2.53		2.54	
PULL #5	2.44	2.58		2.57	
TOTAL	12.46	12.90		12.84	
AVERAGE	2.49	2.58		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.19		
PULL #2	2.93	3.18		
PULL #3	3.04	3.08		
PULL #4	2.99	3.09		
PULL #5	3.02	3.19		
TOTAL	14.98	15.73		
AVERAGE	2.99	3.14		

	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	4.06	4.03		4.07
PULL #2	4.03	4.10		4.01
PULL #3	4.07	4.08		4.06
PULL #4	3.93	4.01		4.07
PULL #5	3.93	4.08		4.04
TOTAL	20.02	20.30		20.25
AVERAGE	4.00	4.06		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521425.___0

FILE DATE AND TIME: 12/05/2005 22:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	0.147
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.066
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.405
The Distance from Centroid Target #4 to Centroid Target #1:	0.175
The Distance from Centroid Target #5 to Centroid Target #1:	0.334

BARBER - M24 0100633

SERIAL NUMBER: G6521425. __0

TARGET NUMBER: 1

FILE DATE: 12/05/2005

FILE TIME: 22:32

POINT#	X	Y
1:	-0.555	-0.771
2:	-0.406	-1.082
3:	0.337	-1.546
4:	-0.381	1.266
5:	0.398	0.717
6:	-0.250	0.390
7:	0.014	0.210
8:	0.372	0.243
9:	0.095	0.117
10:	0.254	-0.193

X CENTROID: -0.012

Y CENTROID: -0.065

POA TO CENTROID: 0.066

HORZ SPREAD: 0.953

VERT SPREAD: 2.812

GROUP SPREAD: 2.902

MIN RADIUS: 0.211

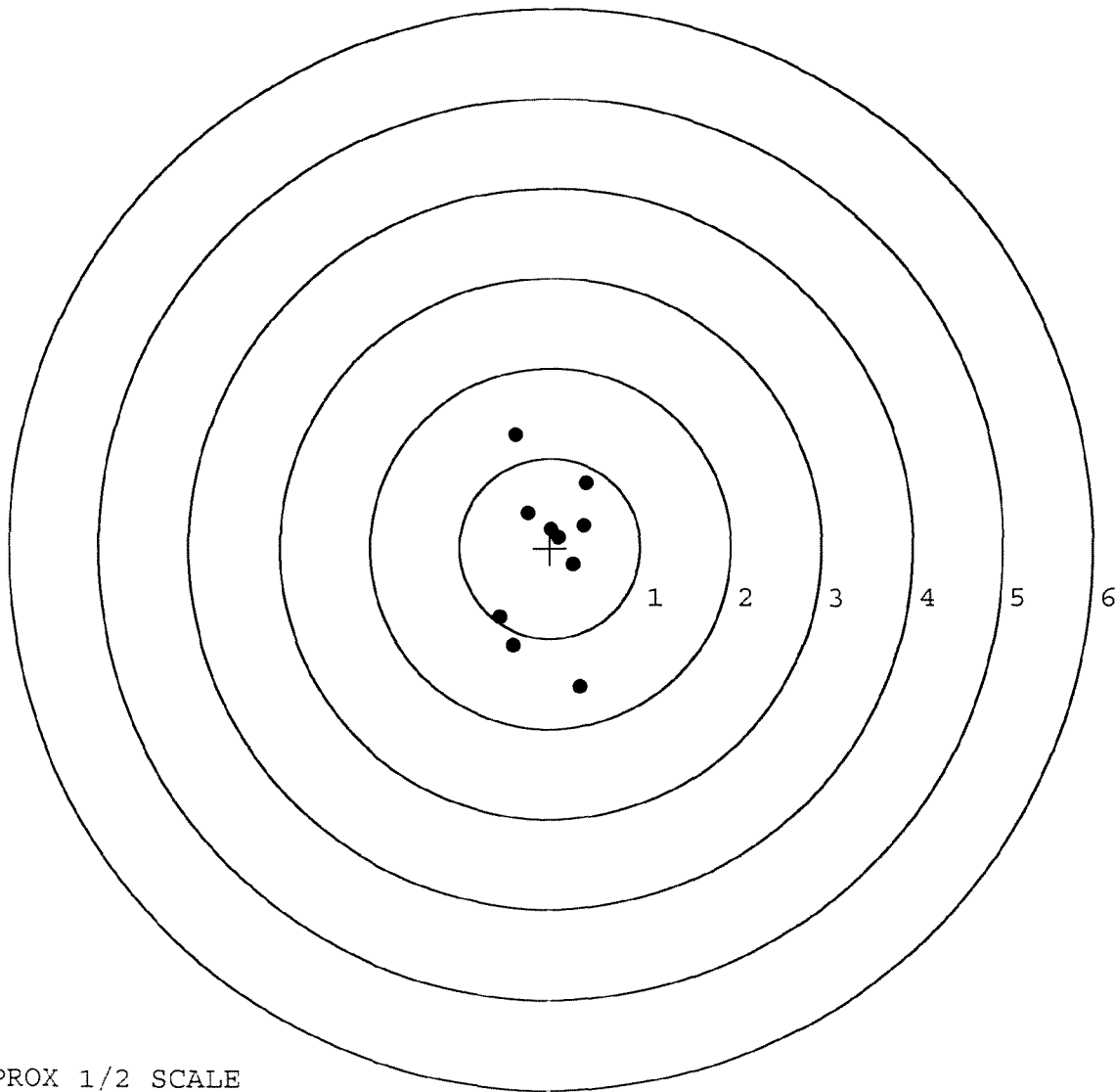
MAX RADIUS: 1.522

MEAN RADIUS: 0.756

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



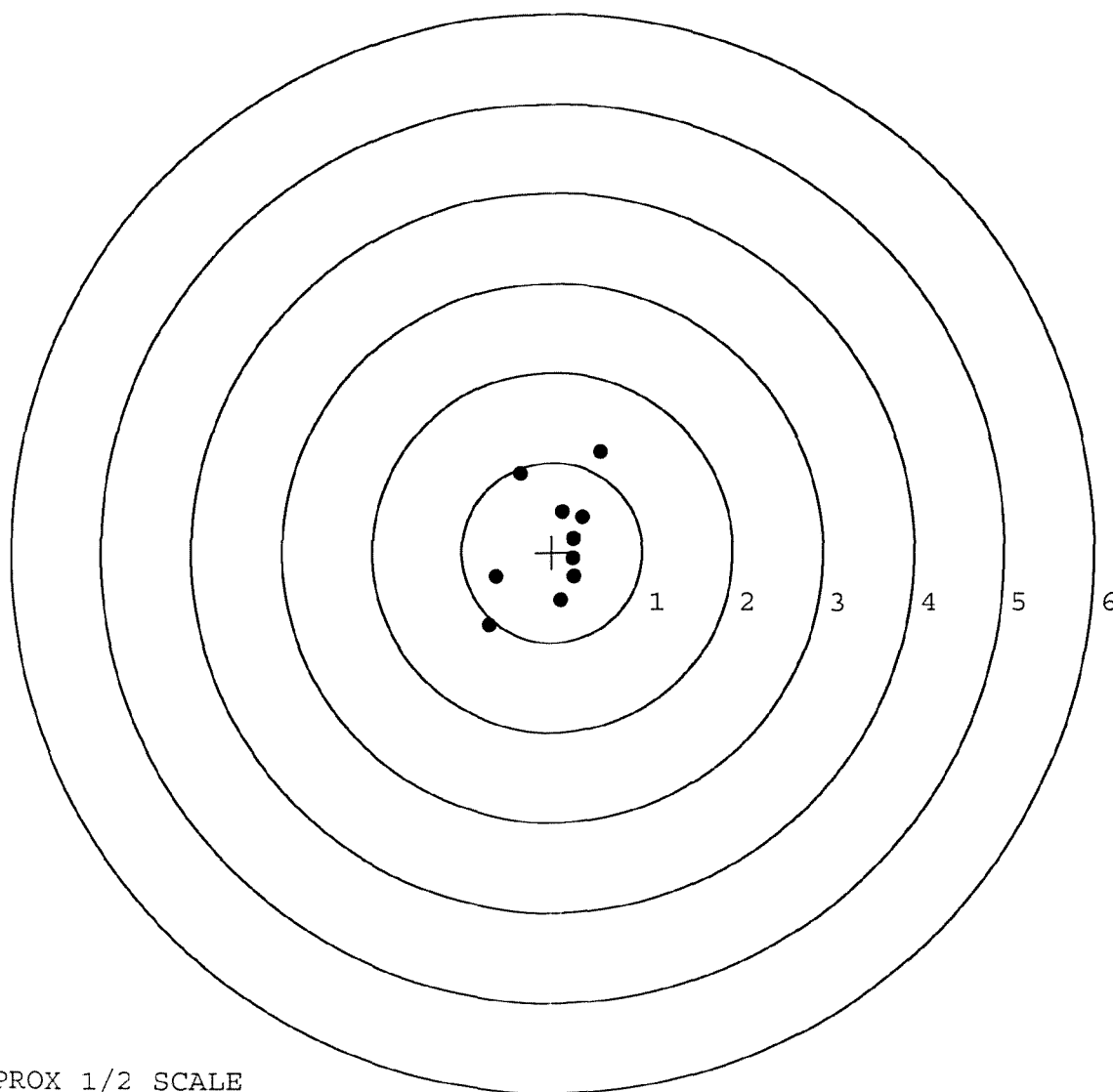
TARGET APPROX 1/2 SCALE

BARBER - M24 0100634

SERIAL NUMBER: G6521425. __0
 TARGET NUMBER: 2
 FILE DATE: 12/05/2005
 FILE TIME: 22:32

POINT#	X	Y
1:	-0.616	-0.279
2:	-0.697	-0.816
3:	0.538	1.115
4:	-0.351	0.875
5:	0.117	0.451
6:	0.336	0.386
7:	0.234	0.149
8:	0.234	-0.078
9:	0.249	-0.275
10:	0.103	-0.534

X CENTROID: 0.015
 Y CENTROID: 0.099
 POA TO CENTROID: 0.100
 HORZ SPREAD: 1.235
 VERT SPREAD: 1.931
 GROUP SPREAD: 2.292
 MIN RADIUS: 0.225
 MAX RADIUS: 1.160
 MEAN RADIUS: 0.628
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

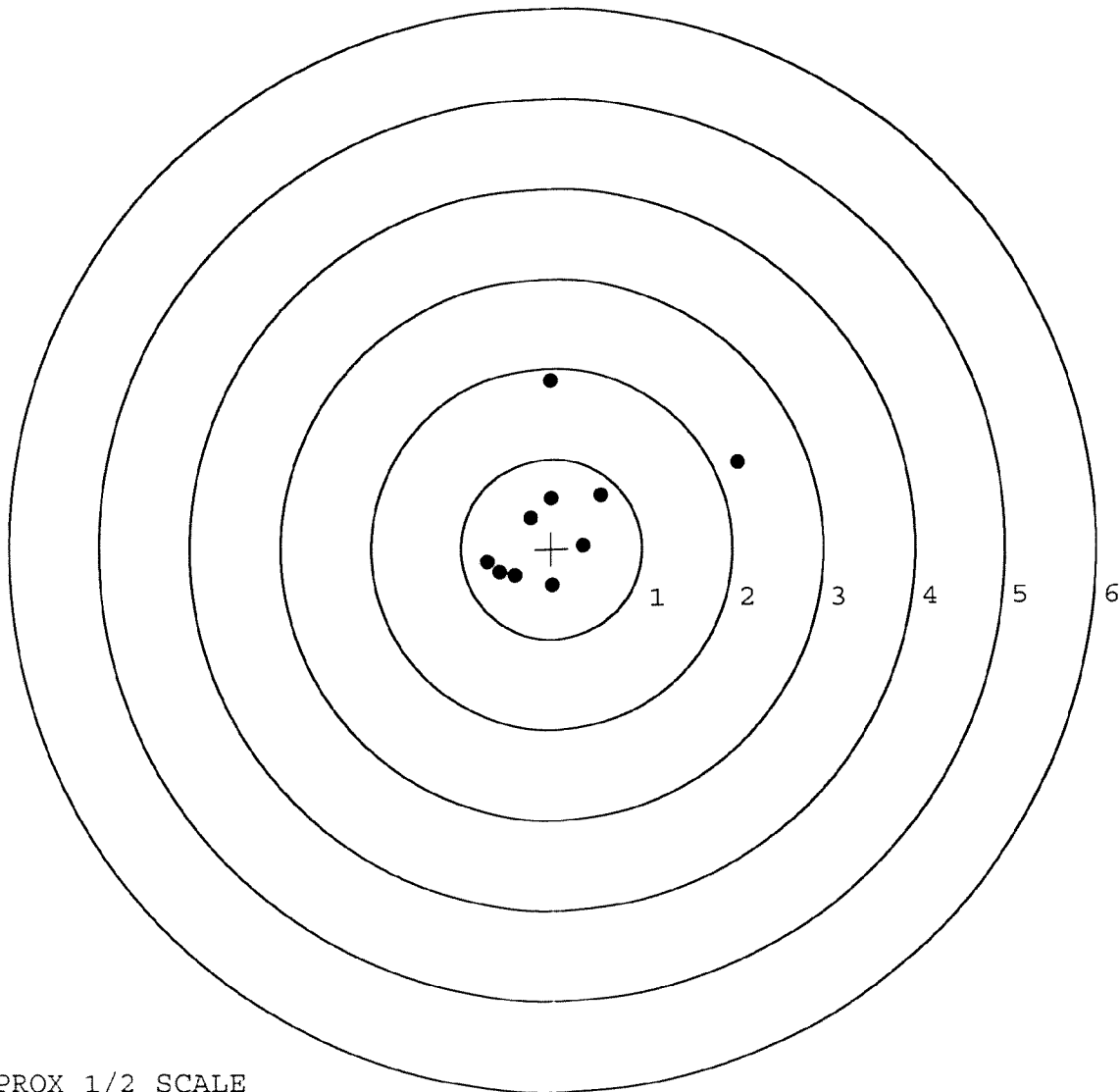


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521425. __0
 TARGET NUMBER: 3
 FILE DATE: 12/05/2005
 FILE TIME: 22:32

POINT#	X	Y
1:	-0.001	1.863
2:	2.061	0.950
3:	0.551	0.591
4:	0.000	0.561
5:	-0.228	0.348
6:	0.350	0.030
7:	0.007	-0.409
8:	-0.412	-0.295
9:	-0.576	-0.260
10:	-0.709	-0.149

X CENTROID: 0.104
 Y CENTROID: 0.323
 POA TO CENTROID: 0.339
 HORZ SPREAD: 2.770
 VERT SPREAD: 2.272
 GROUP SPREAD: 2.980
 MIN RADIUS: 0.260
 MAX RADIUS: 2.055
 MEAN RADIUS: 0.847
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



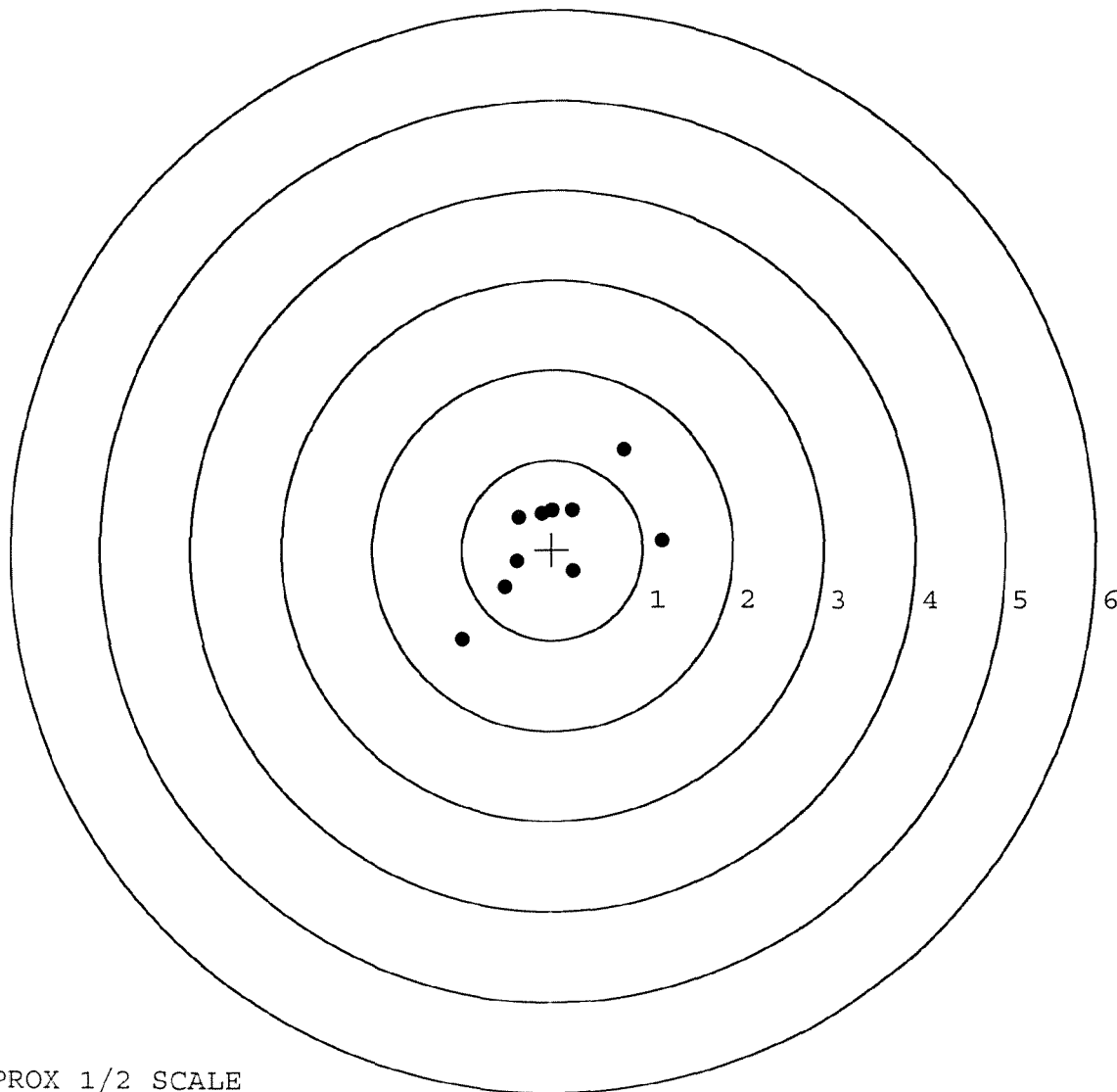
TARGET APPROX 1/2 SCALE

BARBER - M24 0100636

SERIAL NUMBER: G6521425. __0
 TARGET NUMBER: 4
 FILE DATE: 12/05/2005
 FILE TIME: 22:32

POINT#	X	Y
1:	-0.996	-1.002
2:	-0.522	-0.414
3:	-0.392	-0.131
4:	0.238	-0.240
5:	-0.374	0.363
6:	-0.116	0.404
7:	0.221	0.444
8:	0.791	1.116
9:	1.207	0.105
10:	0.003	0.445

X CENTROID: 0.006
 Y CENTROID: 0.109
 POA TO CENTROID: 0.109
 HORZ SPREAD: 2.203
 VERT SPREAD: 2.118
 GROUP SPREAD: 2.771
 MIN RADIUS: 0.319
 MAX RADIUS: 1.496
 MEAN RADIUS: 0.711
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



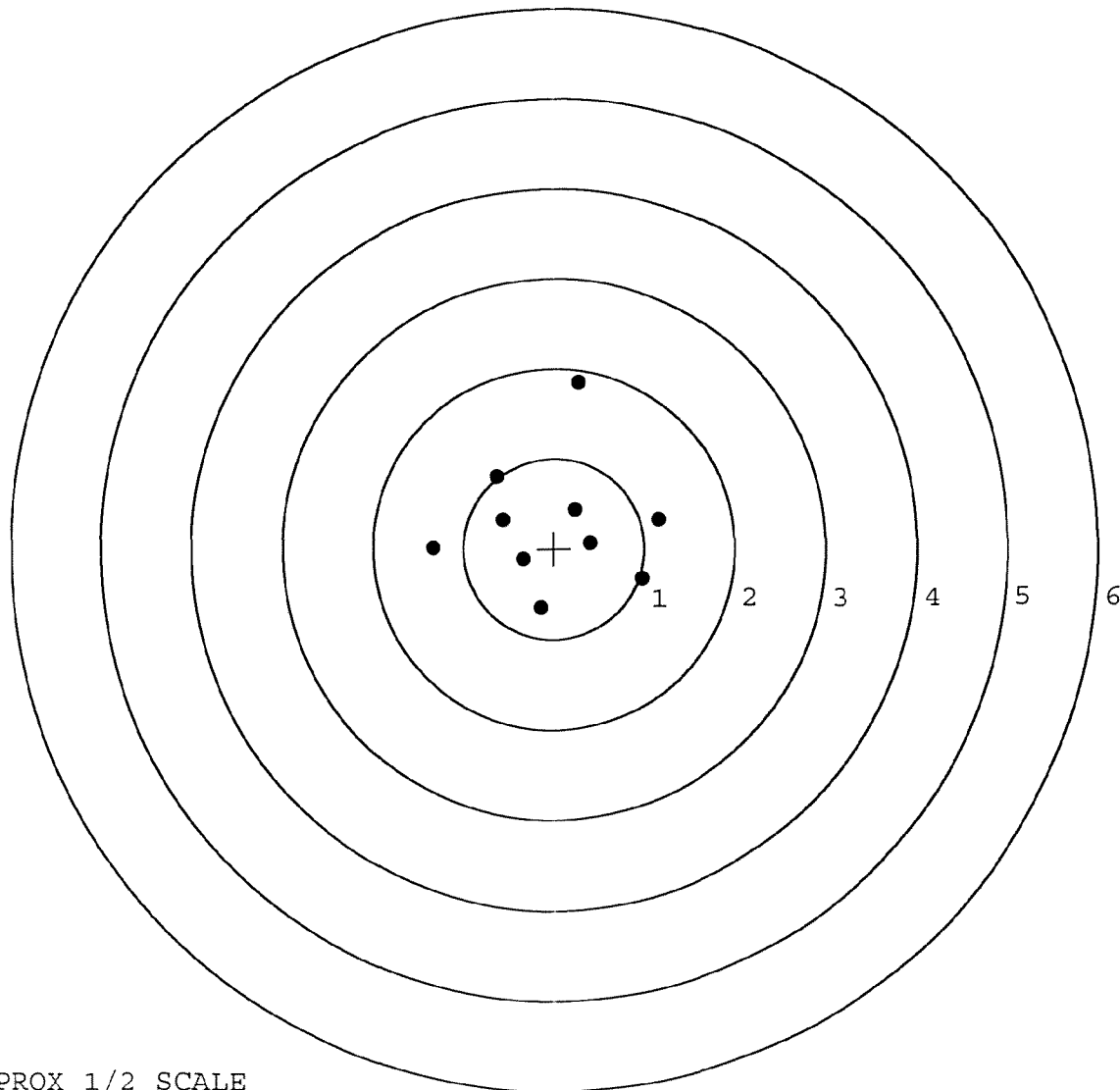
TARGET APPROX 1/2 SCALE

BARBER - M24 0100637

SERIAL NUMBER: G6521425. __0
 TARGET NUMBER: 5
 FILE DATE: 12/05/2005
 FILE TIME: 22:32

POINT#	X	Y
1:	0.282	1.842
2:	-0.631	0.806
3:	-1.339	0.011
4:	-0.559	0.326
5:	-0.344	-0.117
6:	-0.142	-0.655
7:	0.402	0.055
8:	0.243	0.433
9:	1.162	0.322
10:	0.974	-0.334

X CENTROID: 0.005
 Y CENTROID: 0.269
 POA TO CENTROID: 0.269
 HORZ SPREAD: 2.501
 VERT SPREAD: 2.497
 GROUP SPREAD: 2.533
 MIN RADIUS: 0.289
 MAX RADIUS: 1.597
 MEAN RADIUS: 0.886
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE