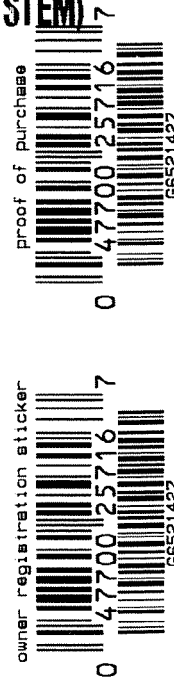


G 652 1427

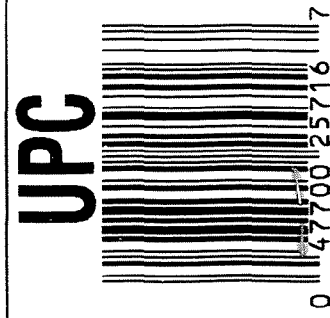
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6
G6521427	



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST#
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST#
UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521427

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-12-06	RTZ
440	PROOF		1-12-06	AC
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-12-06	AC
470	DIS-ASSEMBLE ACTION	JAN 13 2007	1-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR <i>unms</i>	1/18/06	<i>unms</i>
500	ROLLMARK CALIBER		1-18-06	CW
510	DRILL AND TAP SIGHT HOLES		1-16-06	TRW
520	GOFF BLAST BBL / REC		1-18-06	DG
530 & 540	APPLY COATINGS (BARREL ACTION)		1/19	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-24-06	A
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-24-06	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-24-06	A
	D) OIL FIRING PIN ASSEMBLY		1-24-06	AC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	2-21-06	mtm

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>50</u> <u>50</u> <u>50</u>	1-29-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>50</u> <u>20</u> <u>20</u>	1-29-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		2-21-06	MTM
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	2-21-06	MTM
	J) ASSEMBLE STOCK		1-25-06	Ac
	K) ASSEMBLE SWIVEL STUDS		2-21-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-25-06	Ac
	M) IRON SIGHT ALIGNMENT		1-25-06	Ac
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-25-06	Ac
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1-27-06	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-27-06	MTM
670	FINAL INSPECTION A) HEADSPACE		2-21-06	MTM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.58</u> <u>2.61</u> <u>2.59</u> <u>2.48</u> <u>2.47</u>	1-29-06	DA
	C) FUNCTION		2-21-06	MTM
690	PACK		4-5-06	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 1-11-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.44	2.50		2.67	
PULL #2	2.48	2.44		2.39	
PULL #3	2.40	2.44		2.65	
PULL #4	2.54	2.38		2.52	
PULL #5	2.54	2.35		2.62	
TOTAL	12.40	12.11		12.85	
AVERAGE	2.48	2.42		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.08		
PULL #2	2.88	3.25		
PULL #3	3.14	3.23		
PULL #4	3.18	2.99		
PULL #5	3.14	3.17		
TOTAL	15.50	15.72		
AVERAGE	3.10	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	4.07	3.98		4.24
PULL #2	4.10	4.11		3.92
PULL #3	4.14	4.10		4.21
PULL #4	3.92	4.05		3.79
PULL #5	4.20	3.96		4.05
TOTAL	20.43	20.20		20.21
AVERAGE	4.08	4.04		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521427.___0
FILE DATE AND TIME: 01/27/2006 22:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.029
The Average Mean Radius of the Five Target Set:	0.631
The Distance from POA to Centroid Target #1:	0.032
The Distance from Centroid Target #2 to Centroid Target #1:	0.086
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.236
The Distance from Centroid Target #5 to Centroid Target #1:	0.159

BARBER - M24 0100657

SERIAL NUMBER: G6521427. 0

TARGET NUMBER: 1

FILE DATE: 01/27/2006

FILE TIME: 22:28

POINT#	X	Y
1:	0.448	-0.217
2:	1.227	-0.382
3:	0.515	0.611
4:	0.302	0.404
5:	-0.459	0.490
6:	-0.326	0.272
7:	-0.549	0.045
8:	-0.450	-0.259
9:	-0.258	-0.485
10:	-0.738	-0.626

X CENTROID: -0.029

Y CENTROID: -0.015

POA TO CENTROID: 0.032

HORZ SPREAD: 1.965

VERT SPREAD: 1.237

GROUP SPREAD: 1.980

MIN RADIUS: 0.413

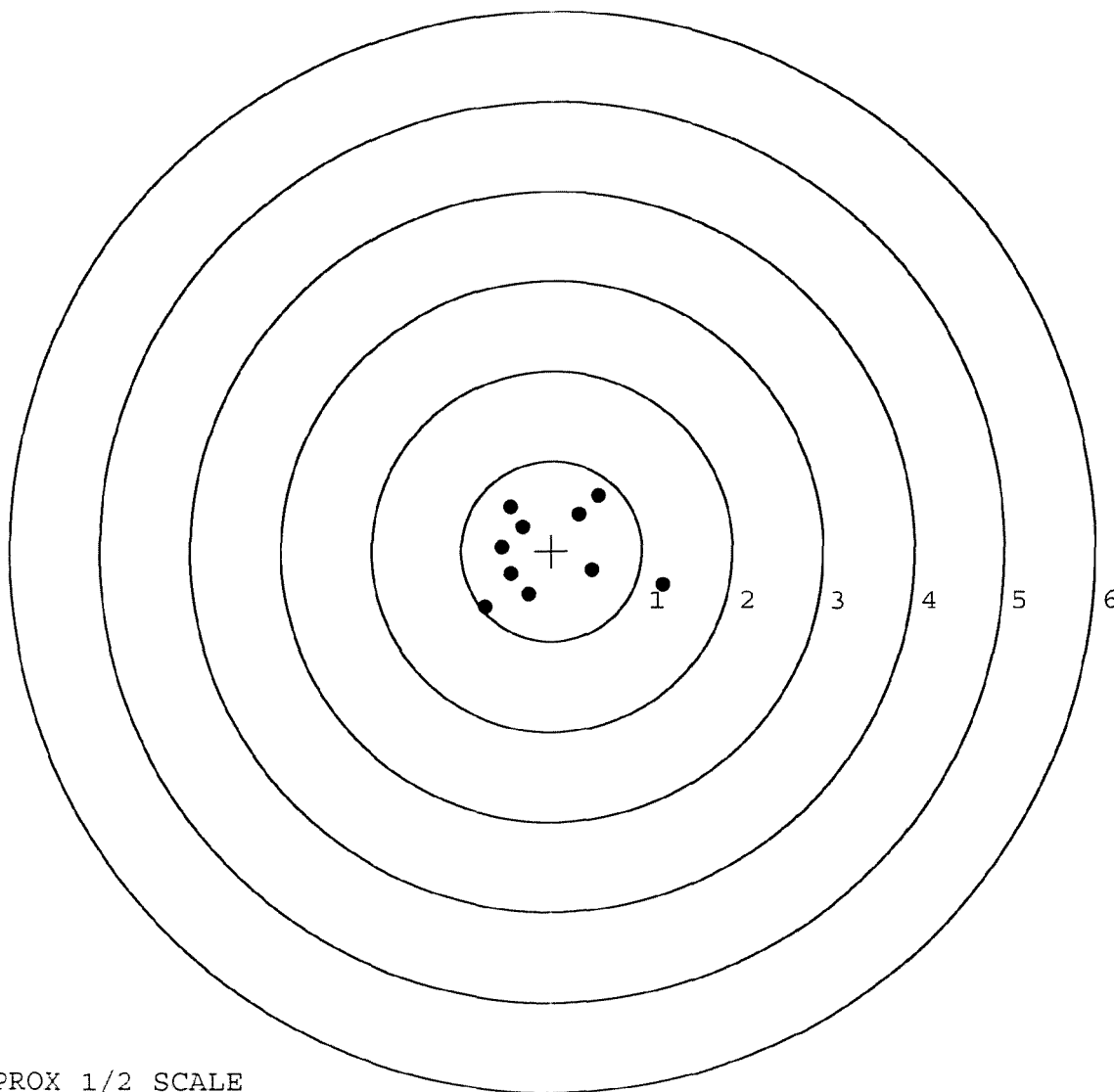
MAX RADIUS: 1.308

MEAN RADIUS: 0.674

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521427. __0

TARGET NUMBER: 2

FILE DATE: 01/27/2006

FILE TIME: 22:28

POINT#	X	Y
1:	-0.078	-0.297
2:	0.237	-0.391
3:	-0.108	-0.639
4:	0.918	-0.386
5:	-1.060	-0.452
6:	0.073	0.257
7:	-0.130	0.396
8:	-0.301	0.478
9:	-0.592	0.655
10:	0.078	0.760

X CENTROID: -0.096

Y CENTROID: 0.038

POA TO CENTROID: 0.104

HORZ SPREAD: 1.978

VERT SPREAD: 1.399

GROUP SPREAD: 1.979

MIN RADIUS: 0.277

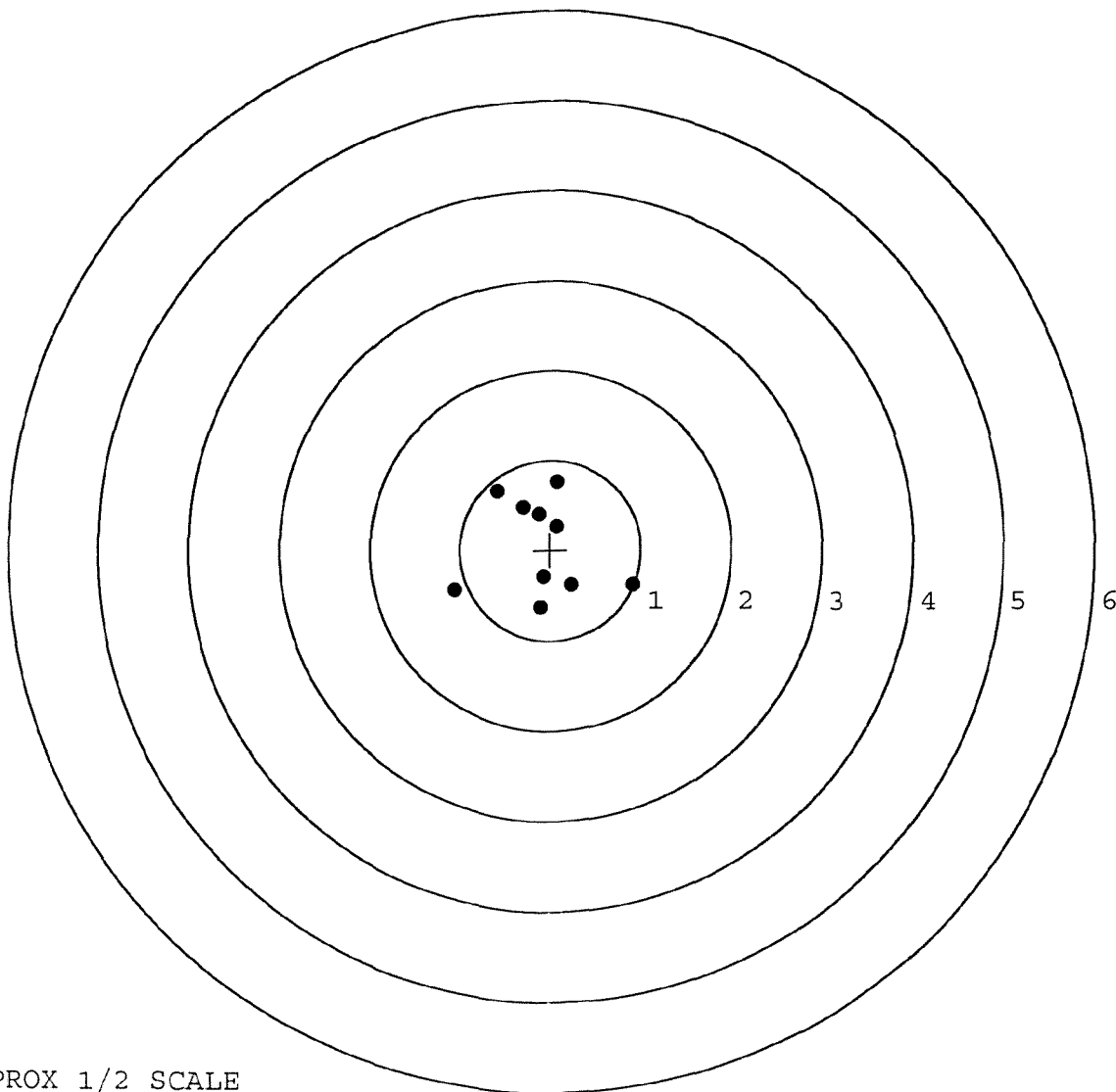
MAX RADIUS: 1.099

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



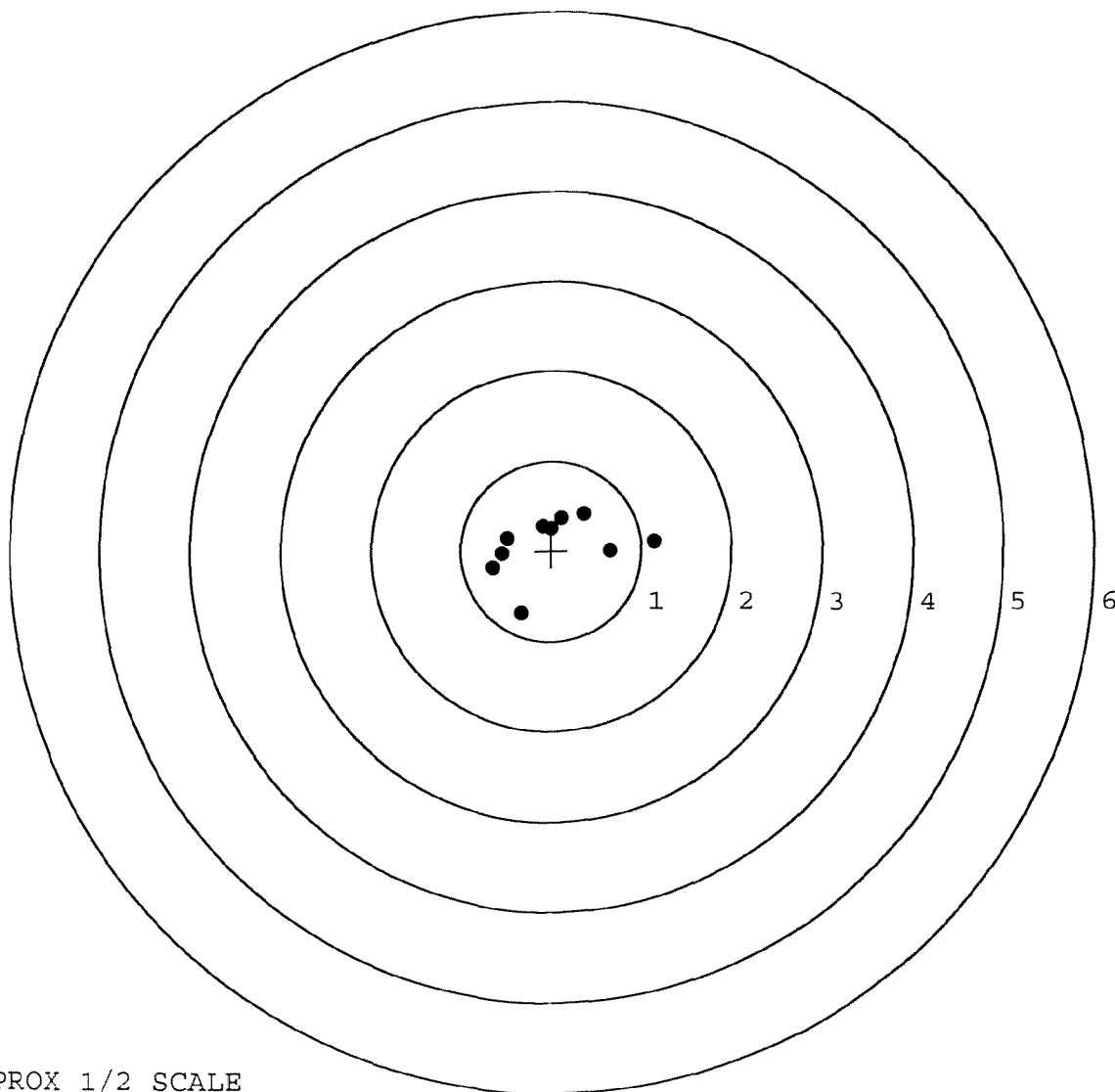
TARGET APPROX 1/2 SCALE

BARBER - M24 0100659

SERIAL NUMBER: G6521427. 0
 TARGET NUMBER: 3
 FILE DATE: 01/27/2006
 FILE TIME: 22:28

POINT#	X	Y
1:	0.657	0.002
2:	1.135	0.112
3:	0.362	0.409
4:	0.120	0.363
5:	-0.095	0.274
6:	-0.490	0.143
7:	-0.544	-0.030
8:	-0.640	-0.188
9:	-0.330	-0.688
10:	0.002	0.247

X CENTROID: 0.018
 Y CENTROID: 0.064
 POA TO CENTROID: 0.067
 HORZ SPREAD: 1.775
 VERT SPREAD: 1.097
 GROUP SPREAD: 1.800
 MIN RADIUS: 0.183
 MAX RADIUS: 1.118
 MEAN RADIUS: 0.560
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



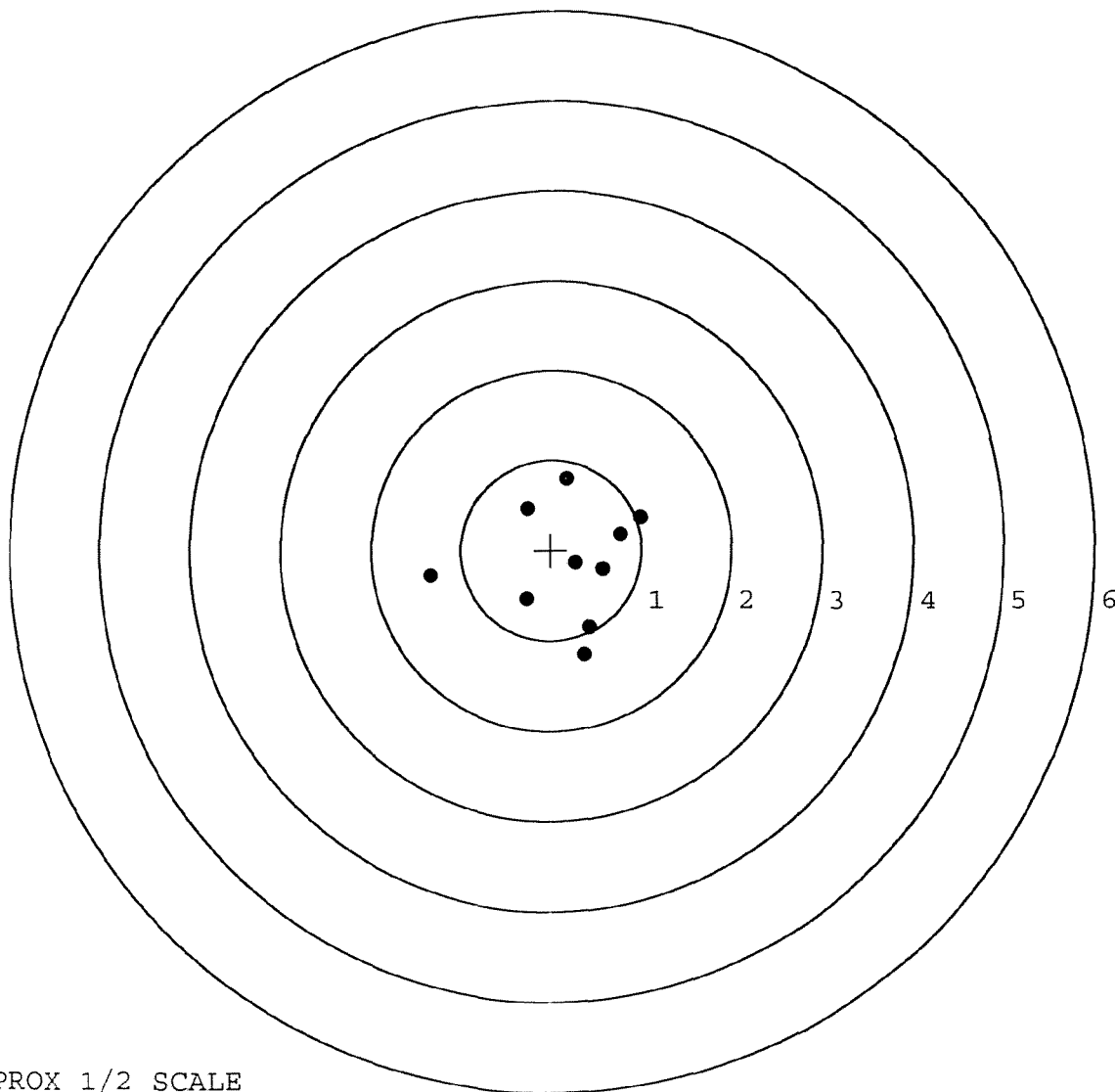
TARGET APPROX 1/2 SCALE

BARBER - M24 0100660

SERIAL NUMBER: G6521427. 0
 TARGET NUMBER: 4
 FILE DATE: 01/27/2006
 FILE TIME: 22:28

POINT#	X	Y
1:	0.986	0.366
2:	0.764	0.179
3:	0.574	-0.211
4:	0.276	-0.146
5:	-0.272	-0.540
6:	0.432	-0.854
7:	0.379	-1.163
8:	-1.337	-0.293
9:	-0.266	0.464
10:	0.176	0.792

X CENTROID: 0.171
 Y CENTROID: -0.141
 POA TO CENTROID: 0.222
 HORZ SPREAD: 2.323
 VERT SPREAD: 1.955
 GROUP SPREAD: 2.415
 MIN RADIUS: 0.105
 MAX RADIUS: 1.516
 MEAN RADIUS: 0.774
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



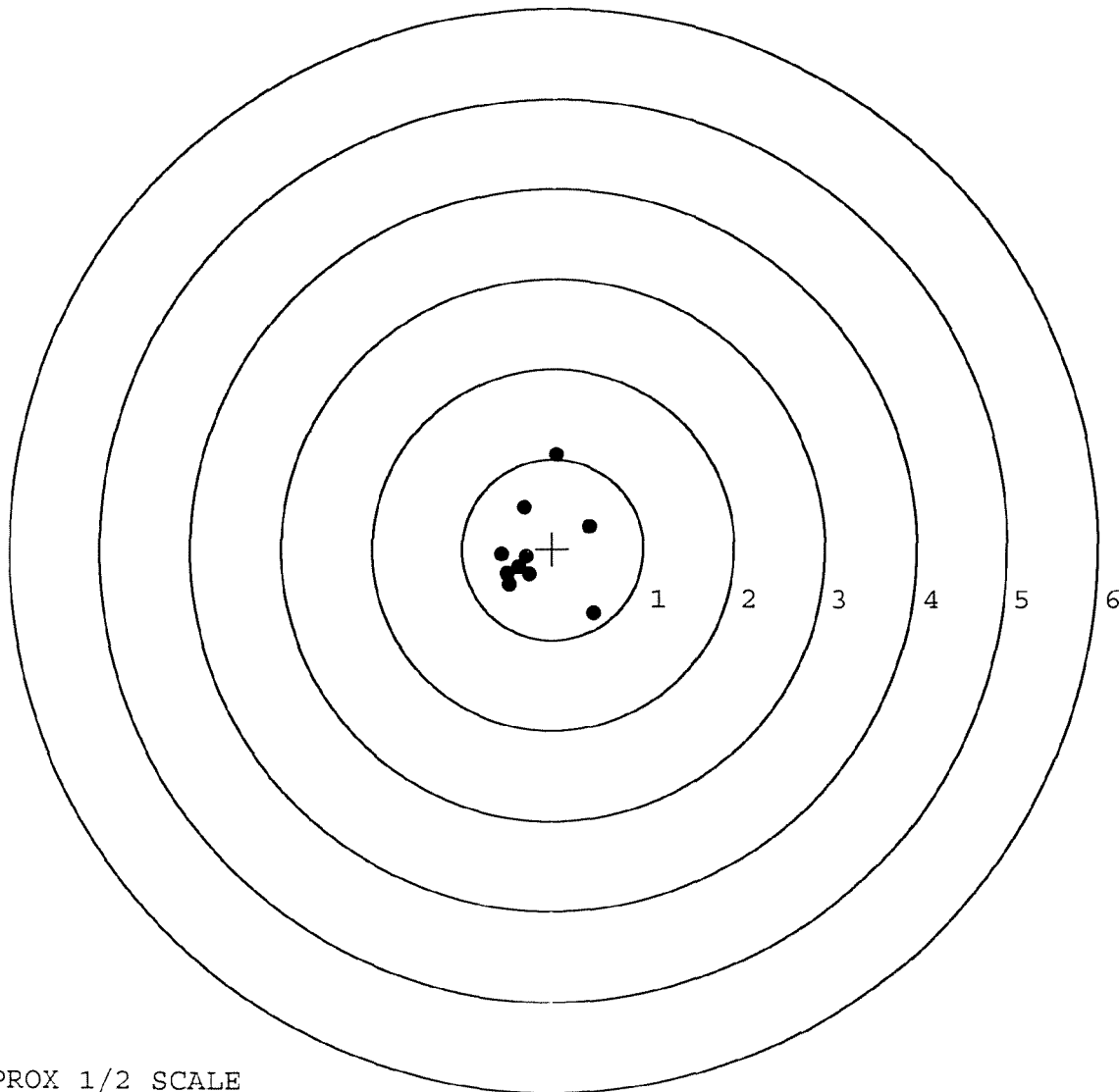
TARGET APPROX 1/2 SCALE

BARBER - M24 0100661

SERIAL NUMBER: G6521427. __0
 TARGET NUMBER: 5
 FILE DATE: 01/27/2006
 FILE TIME: 22:28

POINT#	X	Y
1:	0.404	0.250
2:	-0.315	0.466
3:	0.045	1.047
4:	0.459	-0.712
5:	-0.478	-0.394
6:	-0.256	-0.283
7:	-0.291	-0.093
8:	-0.561	-0.065
9:	-0.504	-0.277
10:	-0.375	-0.204

X CENTROID: -0.187
 Y CENTROID: -0.026
 POA TO CENTROID: 0.189
 HORZ SPREAD: 1.020
 VERT SPREAD: 1.759
 GROUP SPREAD: 1.807
 MIN RADIUS: 0.123
 MAX RADIUS: 1.098
 MEAN RADIUS: 0.510
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE