

G 6637659

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



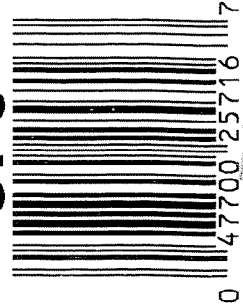
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6637659

UPC



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.



GUN SERIAL # 66637659

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		4-13-07	KK
420	ASSEMBLE ACTION		4-13-07	APD
430	ASSEMBLE TO STOCK		4-16-07	TRW
440	PROOF		4-16-07	FM
460	CHECK HEADSPACE		4-16-07	FM
470	DIS-ASSEMBLE ACTION		4-16-07	RTZ
480	MAGNAFLUX BBL ACTION		4-19-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4-19-07	CW
510	DRILL AND TAP SIGHT HOLES		4-18-07	SD
520	GOFF BLAST BBL / REC		4-19-07	TRW
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		4-25-07	WJ
560	RE-ASSEMBLE ACTION		4-25-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-25-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-25-07	SD
	D) OIL FIRING PIN ASSEMBLY		4-27-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.2</u> <u>6.5</u> <u>6.5</u>	5-31-07	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	5-31-07	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.0245</u> <u>.024</u>	5-31-07	RA
	J) ASSEMBLE STOCK		4/27/07	P.P.D.
	K) ASSEMBLE SWIVEL STUDS		6-7-07	P.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6-7-07	P.P.D.
	M) IRON SIGHT ALIGNMENT		6-7-07	P.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6-7-07	P.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/30/07	nan
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-30-07	SD
670	FINAL INSPECTION A) HEADSPACE		6-7-07	P.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.83</u> <u>2.68</u> <u>2.84</u> <u>2.65</u> <u>2.73</u>	5-31-07	RA
	C) FUNCTION		6-7-07	P.P.D.
690	PACK		6/30/07	RA

F004 REV 5/2006

BARBER - M24 0144280

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)

DATE 4-27-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.67	2.47		2.72	
PULL #2	2.70	2.74		2.72	
PULL #3	2.64	2.46		2.76	
PULL #4	2.56	2.50		2.72	
PULL #5	2.57	2.51		2.75	
TOTAL	13.14	12.68		13.67	
AVERAGE	2.62	2.53		2.73	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.56		
PULL #2	3.57	3.60		
PULL #3	3.58	3.58		
PULL #4	3.52	3.60		
PULL #5	3.56	3.67		
TOTAL	17.67	18.01		
AVERAGE	3.53	3.60		

	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	4.44	4.30		4.32
PULL #2	4.37	4.25		4.21
PULL #3	4.37	4.20		4.30
PULL #4	4.33	4.24		4.23
PULL #5	4.39	4.23		4.30
TOTAL	21.90	21.22		21.36
AVERAGE	4.38	4.24		4.27

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637659.__0

FILE DATE AND TIME: 05/01/2007 00:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.295
The Distance from Centroid Target #2 to Centroid Target #1:	0.356
The Distance from Centroid Target #3 to Centroid Target #1:	0.269
The Distance from Centroid Target #4 to Centroid Target #1:	0.397
The Distance from Centroid Target #5 to Centroid Target #1:	0.520

BARBER - M24 0144282

SERIAL NUMBER: G6637659. __0

TARGET NUMBER: 1

FILE DATE: 05/01/2007

FILE TIME: 00:14

X CENTROID: 0.207

Y CENTROID: 0.211

POA TO CENTROID: 0.295

HORZ SPREAD: 1.715

VERT SPREAD: 2.211

GROUP SPREAD: 2.252

MIN RADIUS: 0.121

MAX RADIUS: 1.374

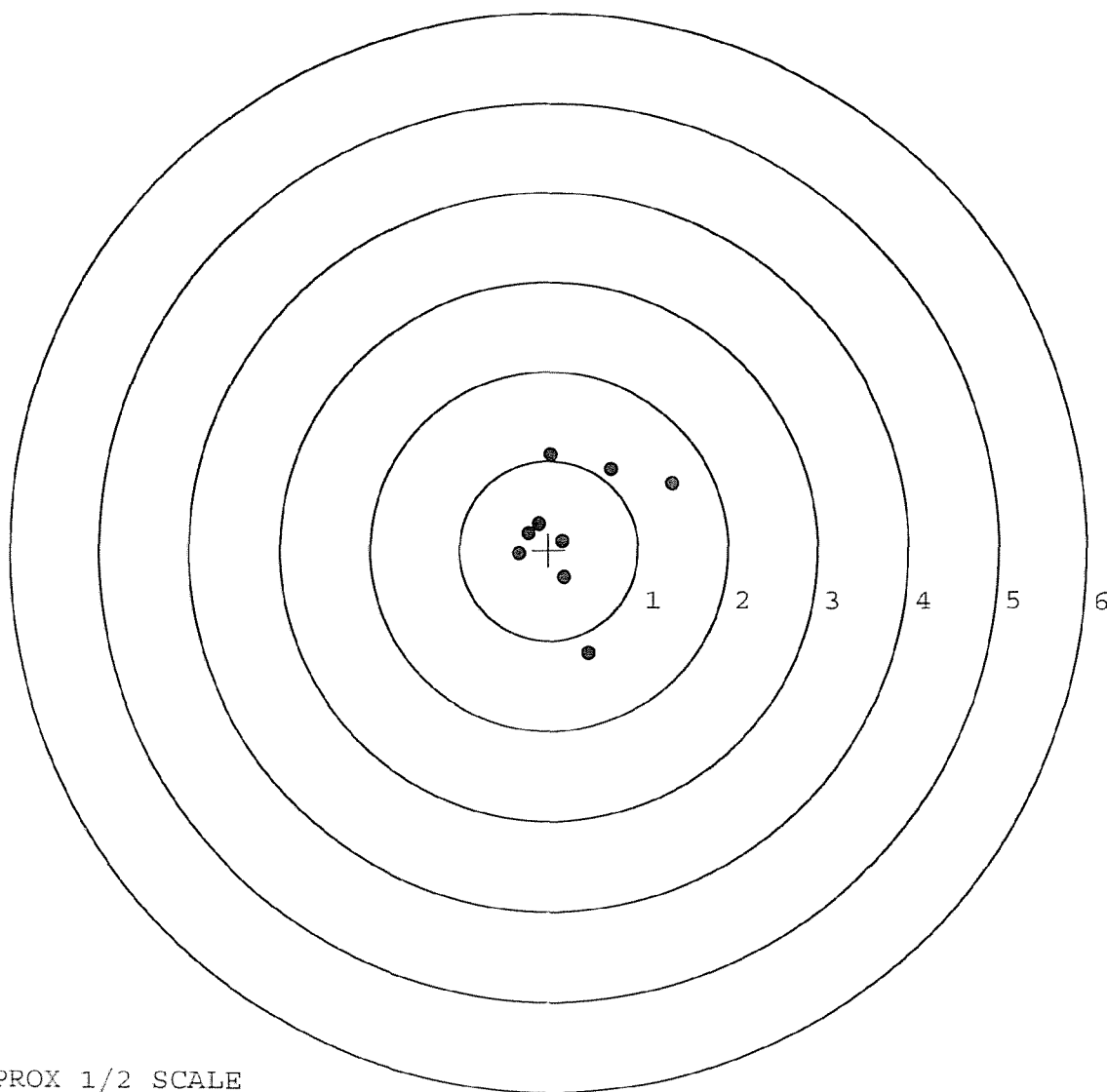
MEAN RADIUS: 0.674

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.025	1.070
2:	0.698	0.901
3:	1.380	0.748
4:	0.149	0.104
5:	-0.120	0.294
6:	-0.335	-0.043
7:	0.174	-0.303
8:	0.453	-1.141
9:	-0.240	0.183
10:	-0.116	0.293



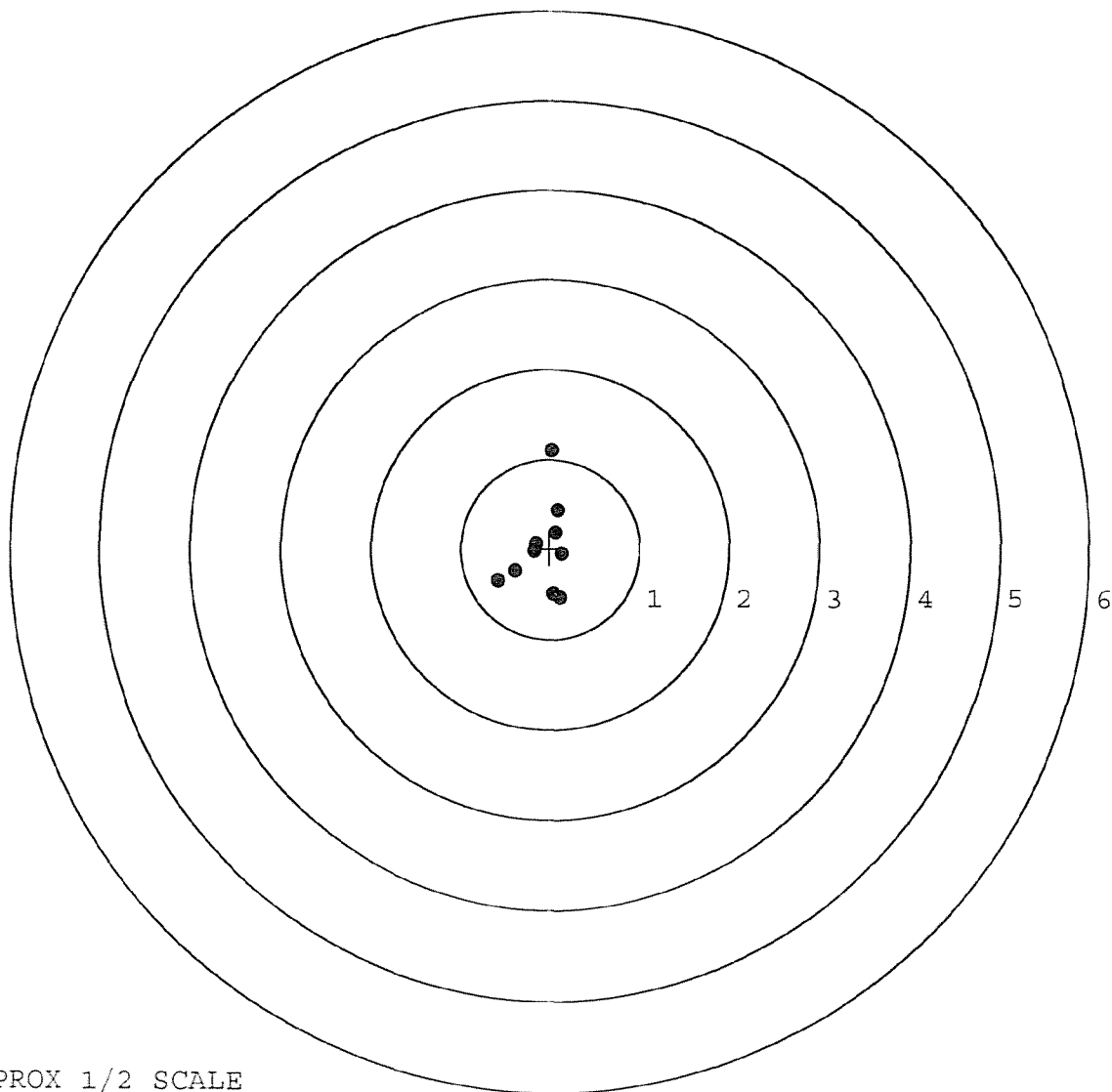
TARGET APPROX 1/2 SCALE

BARBER - M24 0144283

SERIAL NUMBER: G6637659. __ 0
 TARGET NUMBER: 2
 FILE DATE: 05/01/2007
 FILE TIME: 00:14

POINT#	X	Y
1:	0.025	1.096
2:	0.093	0.436
3:	0.072	0.178
4:	-0.174	-0.032
5:	-0.582	-0.359
6:	-0.387	-0.250
7:	0.135	-0.061
8:	0.114	-0.543
9:	0.046	-0.495
10:	-0.158	0.055

X CENTROID: -0.082
 Y CENTROID: 0.002
 POA TO CENTROID: 0.082
 HORZ SPREAD: 0.717
 VERT SPREAD: 1.639
 GROUP SPREAD: 1.641
 MIN RADIUS: 0.093
 MAX RADIUS: 1.099
 MEAN RADIUS: 0.432
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144284

SERIAL NUMBER: G6637659. 0

TARGET NUMBER: 3

FILE DATE: 05/01/2007

FILE TIME: 00:14

POINT#	X	Y
1:	-0.581	0.791
2:	-0.476	0.699
3:	-0.804	0.408
4:	0.554	0.493
5:	0.426	-0.237
6:	0.392	-0.687
7:	0.201	-0.726

X CENTROID: -0.041

Y CENTROID: 0.106

POA TO CENTROID: 0.114

HORZ SPREAD: 1.358

VERT SPREAD: 1.517

GROUP SPREAD: 1.770

MIN RADIUS: 0.579

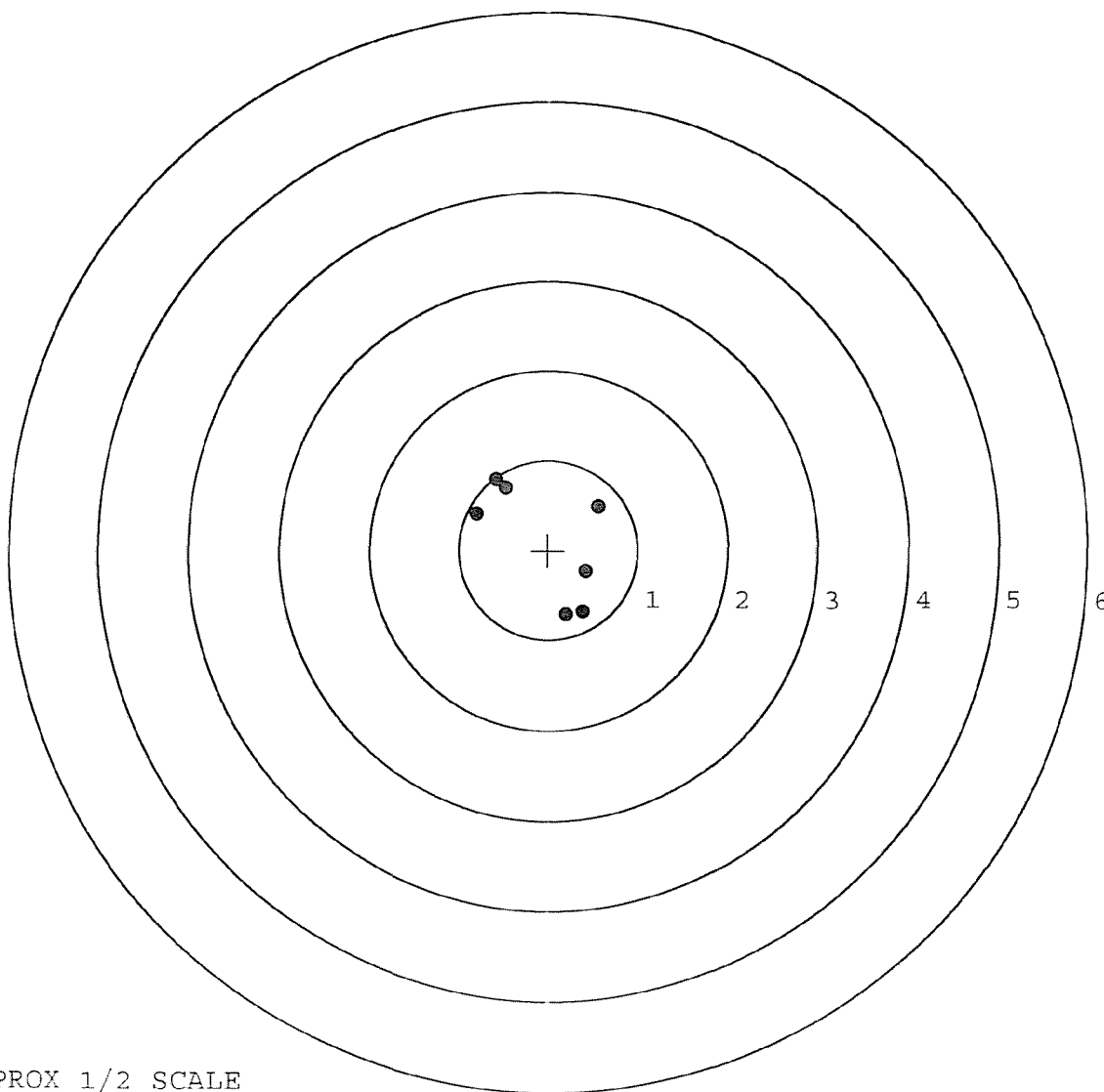
MAX RADIUS: 0.903

MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0144285

SERIAL NUMBER: G6637659. __ 0

TARGET NUMBER: 4

FILE DATE: 05/01/2007

FILE TIME: 00:14

POINT#	X	Y
1:	-0.761	0.943
2:	-0.574	0.859
3:	-0.887	0.367
4:	0.569	0.637
5:	0.286	-0.127
6:	0.294	-0.607
7:	0.093	-0.619
8:	-0.021	-0.396
9:	-0.255	-0.257
10:	-0.450	0.069

X CENTROID: -0.171

Y CENTROID: 0.087

POA TO CENTROID: 0.191

HORZ SPREAD: 1.456

VERT SPREAD: 1.562

GROUP SPREAD: 1.875

MIN RADIUS: 0.280

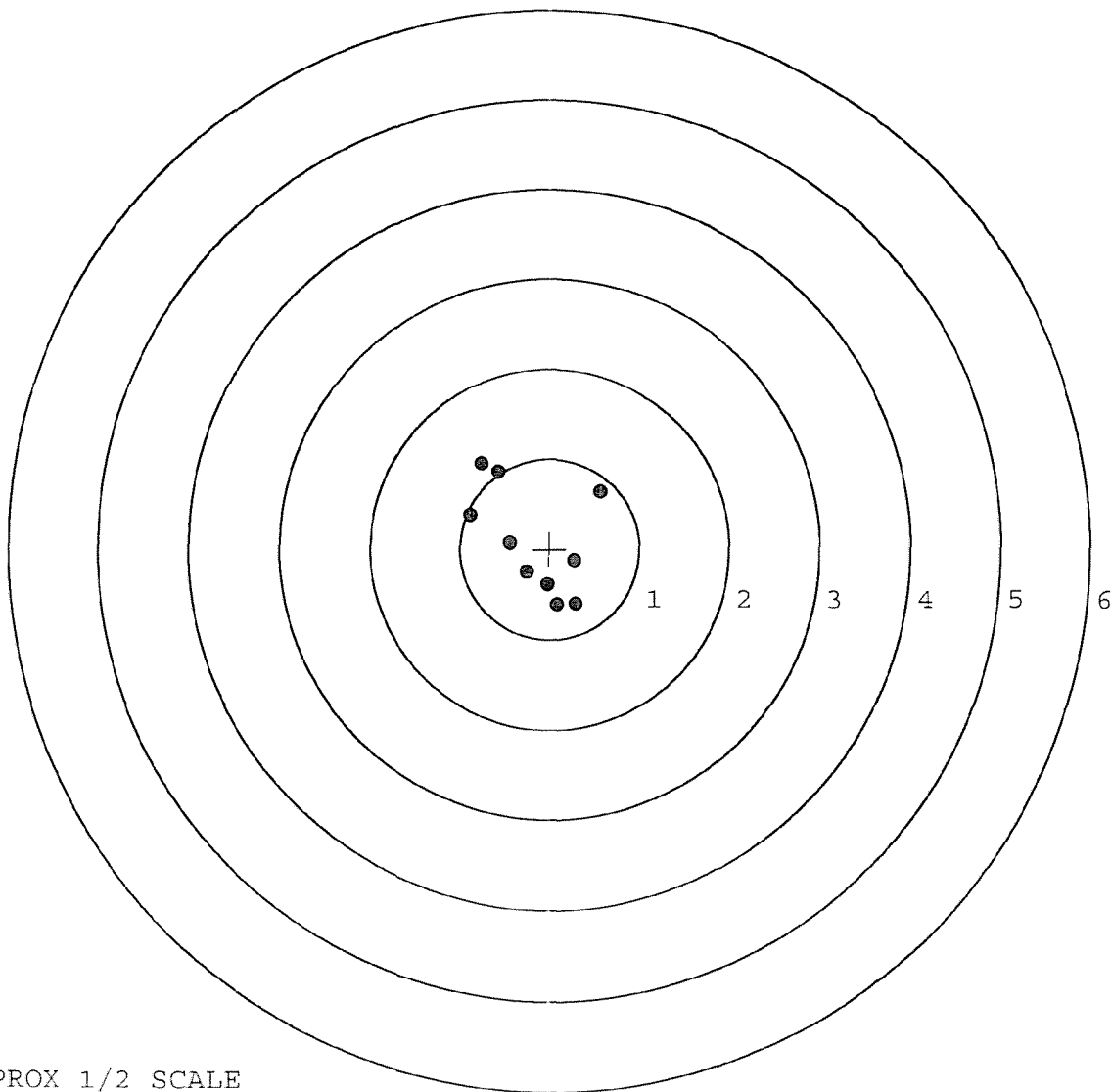
MAX RADIUS: 1.040

MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



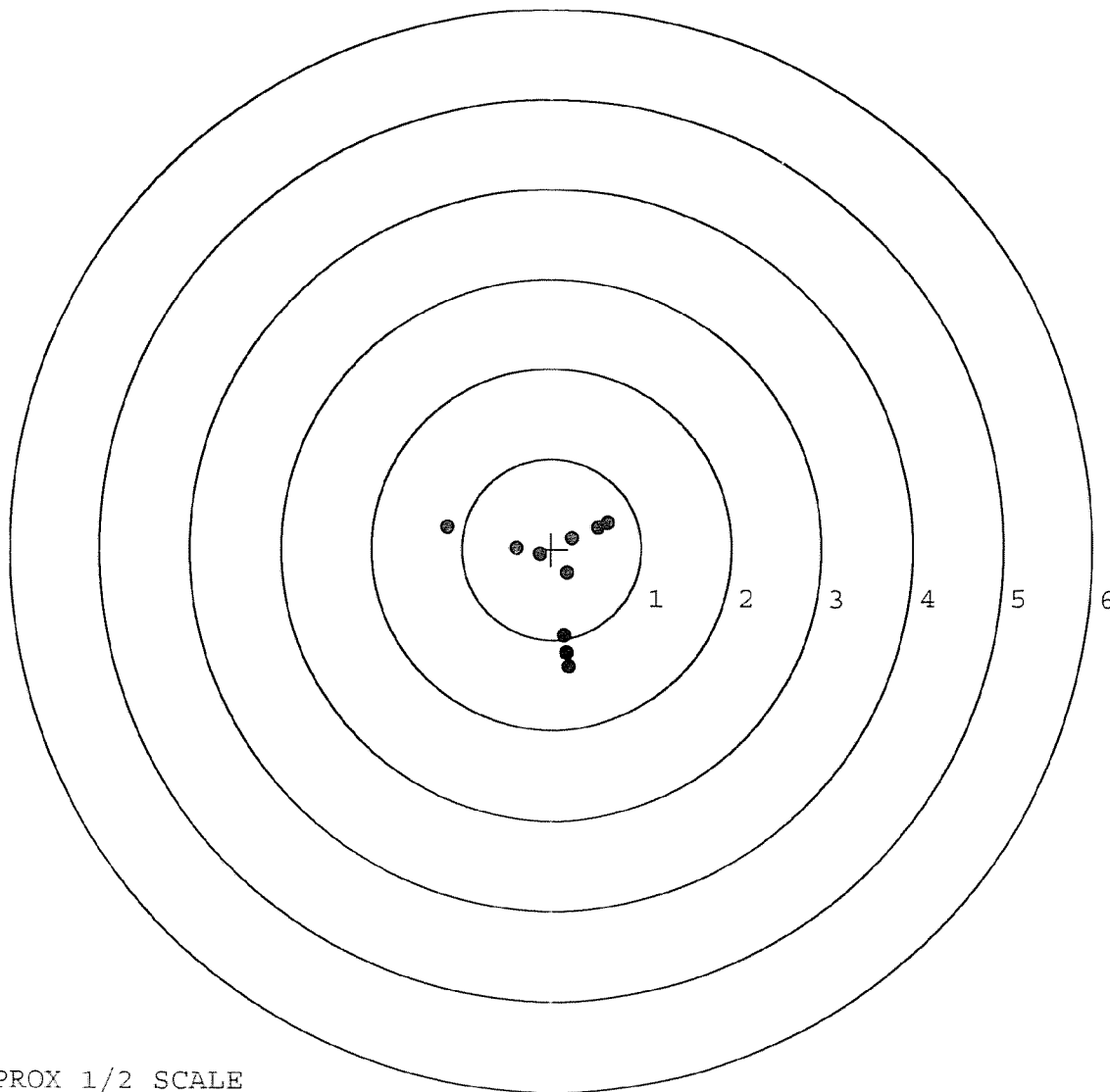
TARGET APPROX 1/2 SCALE

BARBER - M24 0144286

SERIAL NUMBER: G6637659. 0
 TARGET NUMBER: 5
 FILE DATE: 05/01/2007
 FILE TIME: 00:14

X CENTROID: 0.039
 Y CENTROID: -0.282
 POA TO CENTROID: 0.285
 HORZ SPREAD: 1.793
 VERT SPREAD: 1.591
 GROUP SPREAD: 2.063
 MIN RADIUS: 0.142
 MAX RADIUS: 1.314
 MEAN RADIUS: 0.683
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.164	0.245
2:	-0.390	0.007
3:	-0.130	-0.054
4:	0.180	-0.262
5:	0.231	0.126
6:	0.525	0.238
7:	0.629	0.287
8:	0.143	-0.954
9:	0.171	-1.150
10:	0.198	-1.304



TARGET APPROX 1/2 SCALE