

G 6577123

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



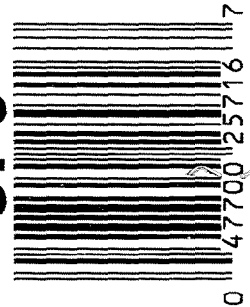
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6577123

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66577123

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6-28-06	RLC
420	ASSEMBLE ACTION		7-12-06	RTL
430	ASSEMBLE TO STOCK		7-12-06	RTL
440	PROOF	MAGNA-FLUX	7-17-06	TRW
460	CHECK HEADSPACE	INSPECTED	7-17-06	TRW
470	DIS-ASSEMBLE ACTION	JUL 18 2006	7-17-06	RTL
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unnd</u>	7/18/06	unnd
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-18-06	C.W
510	DRILL AND TAP SIGHT HOLES		7-18-06	TRW SD
520	GOFF BLAST BBL / REC		7-19-06	UB
530 & 540	APPLY COATINGS (BARREL ACTION)		7-21	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-7-06	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-7-06	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-7-06	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		8-7-06	L
	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>60</u> <u>60</u> <u>60</u>	8-24-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>30</u>	8-24-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0255</u> <u>.025</u> <u>.0255</u>	8-24-06	DA
	J) ASSEMBLE STOCK		8-7-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		8-29-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-7-06	L.P.D.
	M) IRON SIGHT ALIGNMENT		8-7-06	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-7-06	L.P.D.
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	8-8-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-8-06	BD
670	FINAL INSPECTION A) HEADSPACE		8-29-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.66</u> <u>2.64</u> <u>2.88</u> <u>2.24</u> <u>2.44</u>	8/24/06	RP
	C) FUNCTION		8-29-06	RTZ
690	PACK		10-27-06	DA

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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 8-7-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.33		2.63	
PULL #2	2.45	2.41		2.58	
PULL #3	2.50	2.46		2.54	
PULL #4	2.47	2.40		2.54	
PULL #5	2.45	2.36		2.43	
TOTAL	12.47	11.96		12.72	
AVERAGE	2.49	2.39		2.54	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.98	3.31		
PULL #2	3.13	3.02		
PULL #3	2.98	3.08		
PULL #4	3.00	3.18		
PULL #5	2.97	2.91		
TOTAL	15.06	15.50		
AVERAGE	3.01	3.10		

	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	3.98	3.92		4.02
PULL #2	3.96	3.94		4.04
PULL #3	3.97	3.90		4.04
PULL #4	3.94	3.87		3.92
PULL #5	3.84	3.77		4.04
TOTAL	19.69	19.40		20.06
AVERAGE	3.93	3.88		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577123.__0

FILE DATE AND TIME: 08/08/2006 09:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	-0.019
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.719
The Distance from POA to Centroid Target #1:	0.201
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.202
The Distance from Centroid Target #4 to Centroid Target #1:	0.283
The Distance from Centroid Target #5 to Centroid Target #1:	0.422

BARBER - M24 0085638

SERIAL NUMBER: G6577123. 0

TARGET NUMBER: 1

FILE DATE: 08/08/2006

FILE TIME: 09:17

POINT#	X	Y
1:	-0.112	0.900
2:	-0.373	0.449
3:	-1.090	0.385
4:	-1.353	-0.803
5:	-0.410	-0.473
6:	-0.419	-1.172
7:	0.069	-0.381
8:	0.338	0.130
9:	0.687	0.209
10:	0.674	0.443

X CENTROID: -0.199

Y CENTROID: -0.031

POA TO CENTROID: 0.201

HORZ SPREAD: 2.040

VERT SPREAD: 2.072

GROUP SPREAD: 2.379

MIN RADIUS: 0.441

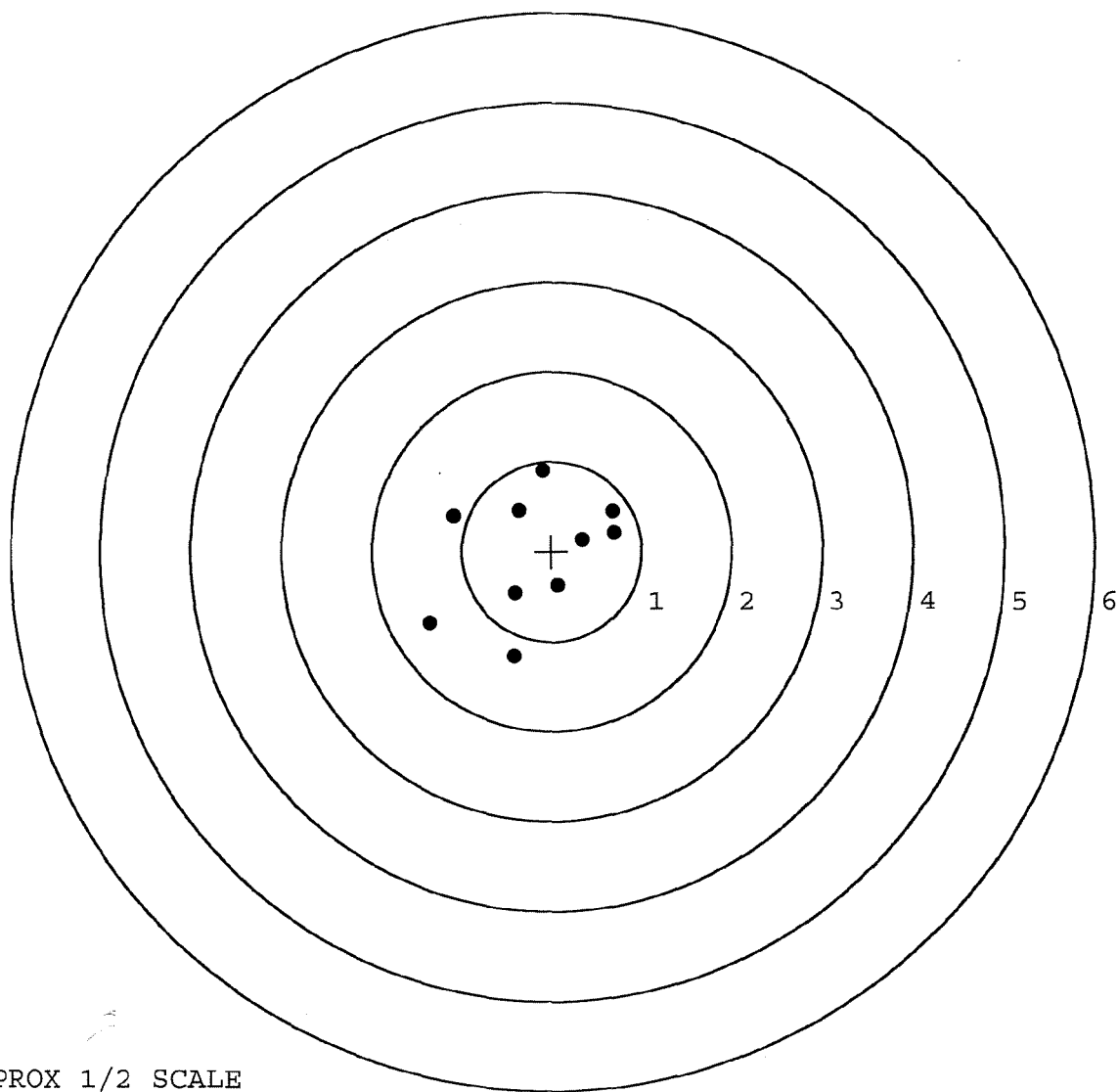
MAX RADIUS: 1.388

MEAN RADIUS: 0.838

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



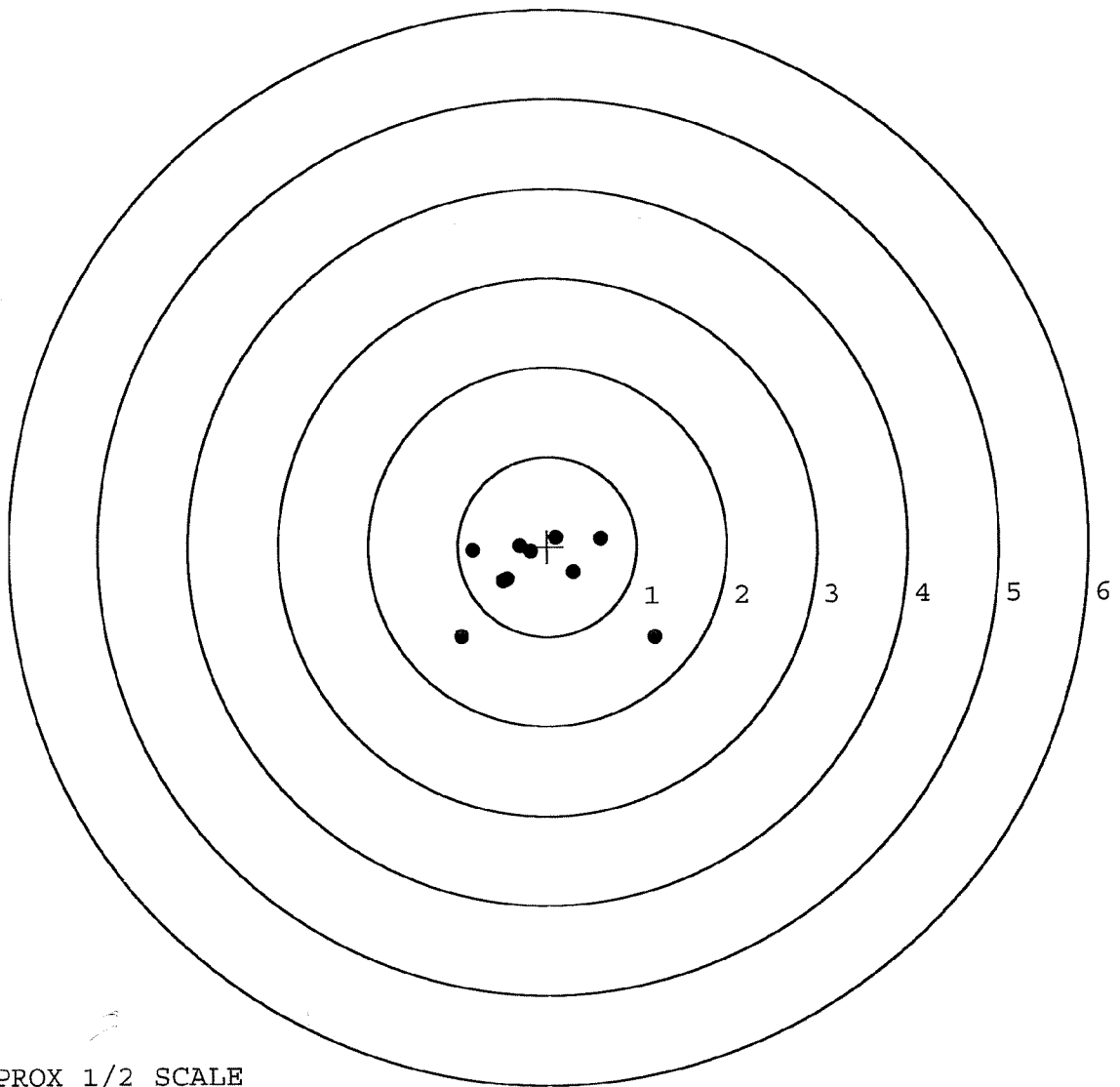
TARGET APPROX 1/2 SCALE

BARBER - M24 0085639

SERIAL NUMBER: G6577123. __0
 TARGET NUMBER: 2
 FILE DATE: 08/08/2006
 FILE TIME: 09:17

POINT#	X	Y
1:	-0.838	-0.045
2:	-0.500	-0.381
3:	-0.961	-1.005
4:	0.594	0.093
5:	0.291	-0.287
6:	0.099	0.101
7:	-0.307	0.011
8:	-0.191	-0.058
9:	1.194	-1.017
10:	-0.447	-0.364

X CENTROID: -0.107
 Y CENTROID: -0.295
 POA TO CENTROID: 0.314
 HORZ SPREAD: 2.155
 VERT SPREAD: 1.118
 GROUP SPREAD: 2.253
 MIN RADIUS: 0.252
 MAX RADIUS: 1.487
 MEAN RADIUS: 0.638
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



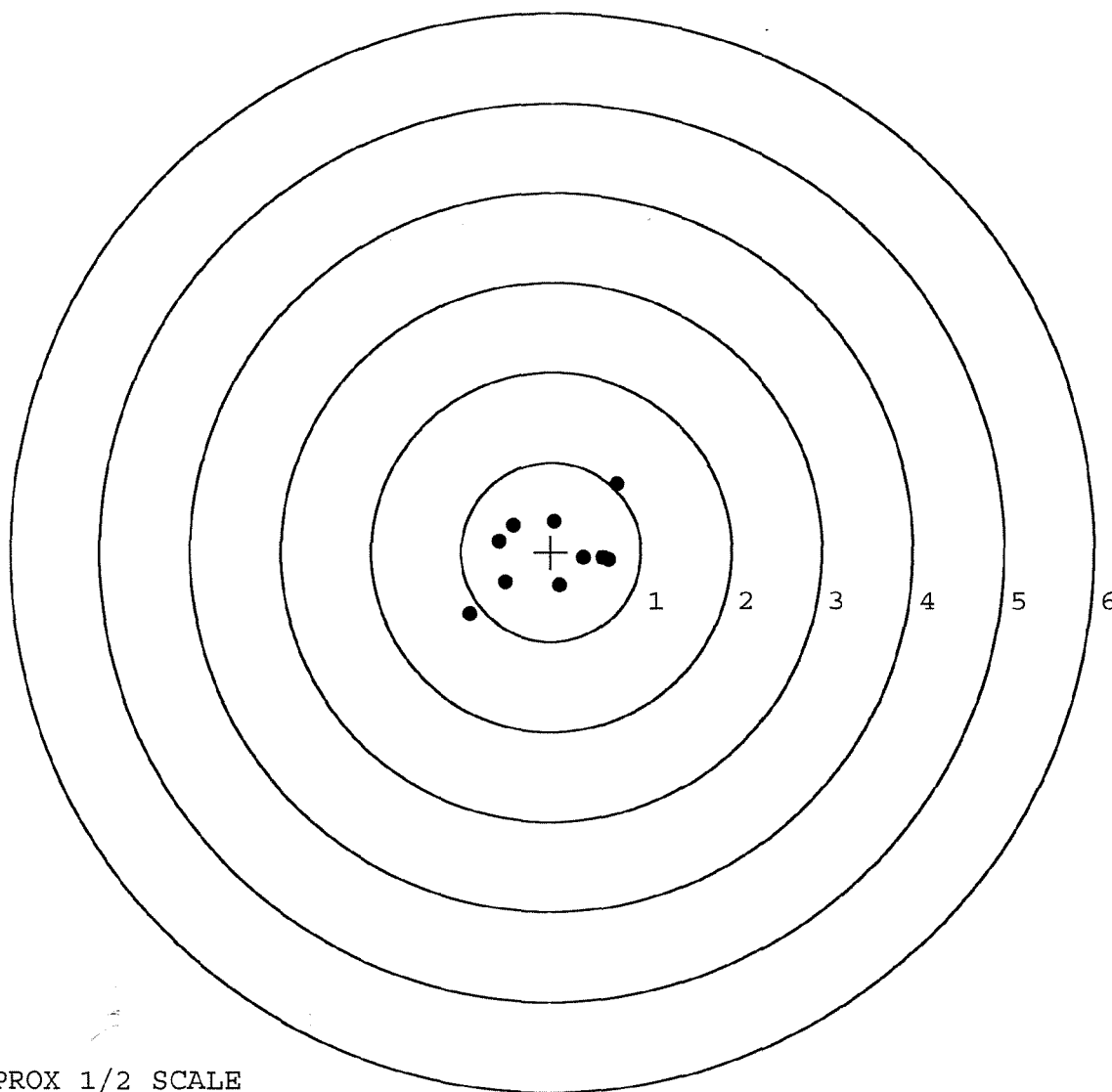
TARGET APPROX 1/2 SCALE

BARBER - M24 0085640

SERIAL NUMBER: G6577123. __0
 TARGET NUMBER: 3
 FILE DATE: 08/08/2006
 FILE TIME: 09:17

POINT#	X	Y
1:	0.728	0.762
2:	0.646	-0.087
3:	0.362	-0.071
4:	0.096	-0.379
5:	-0.509	-0.345
6:	-0.904	-0.701
7:	0.036	0.344
8:	-0.582	0.118
9:	0.580	-0.065
10:	-0.426	0.295

X CENTROID: 0.003
 Y CENTROID: -0.013
 POA TO CENTROID: 0.013
 HORZ SPREAD: 1.632
 VERT SPREAD: 1.463
 GROUP SPREAD: 2.192
 MIN RADIUS: 0.358
 MAX RADIUS: 1.138
 MEAN RADIUS: 0.626
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



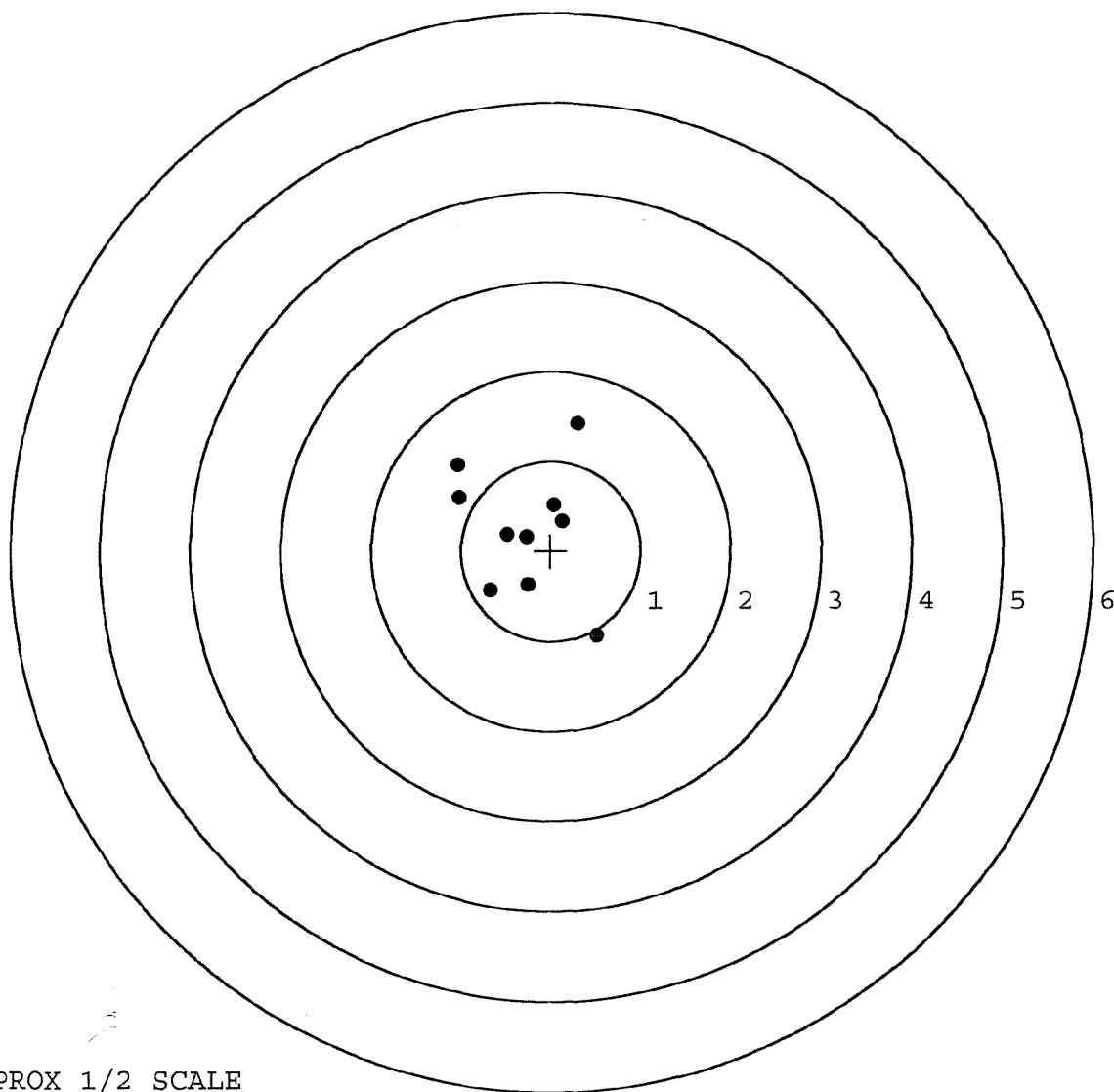
TARGET APPROX 1/2 SCALE

BARBER - M24 0085641

SERIAL NUMBER: G6577123. 0
 TARGET NUMBER: 4
 FILE DATE: 08/08/2006
 FILE TIME: 09:17

POINT#	X	Y
1:	0.295	1.422
2:	-1.034	0.953
3:	-1.025	0.591
4:	0.039	0.512
5:	0.132	0.332
6:	-0.487	0.186
7:	-0.276	0.154
8:	-0.678	-0.437
9:	-0.259	-0.374
10:	0.510	-0.939

X CENTROID: -0.278
 Y CENTROID: 0.240
 POA TO CENTROID: 0.367
 HORZ SPREAD: 1.544
 VERT SPREAD: 2.361
 GROUP SPREAD: 2.442
 MIN RADIUS: 0.086
 MAX RADIUS: 1.418
 MEAN RADIUS: 0.714
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085642

SERIAL NUMBER: G6577123. __0

TARGET NUMBER: 5

FILE DATE: 08/08/2006

FILE TIME: 09:17

POINT#	X	Y
1:	-0.465	0.970
2:	-0.198	0.665
3:	0.637	0.656
4:	0.162	0.206
5:	0.332	0.033
6:	0.013	-0.183
7:	-0.686	-0.238
8:	0.576	-1.215
9:	1.196	-1.290
10:	0.643	0.456

X CENTROID: 0.221

Y CENTROID: 0.006

POA TO CENTROID: 0.221

HORZ SPREAD: 1.882

VERT SPREAD: 2.260

GROUP SPREAD: 2.805

MIN RADIUS: 0.114

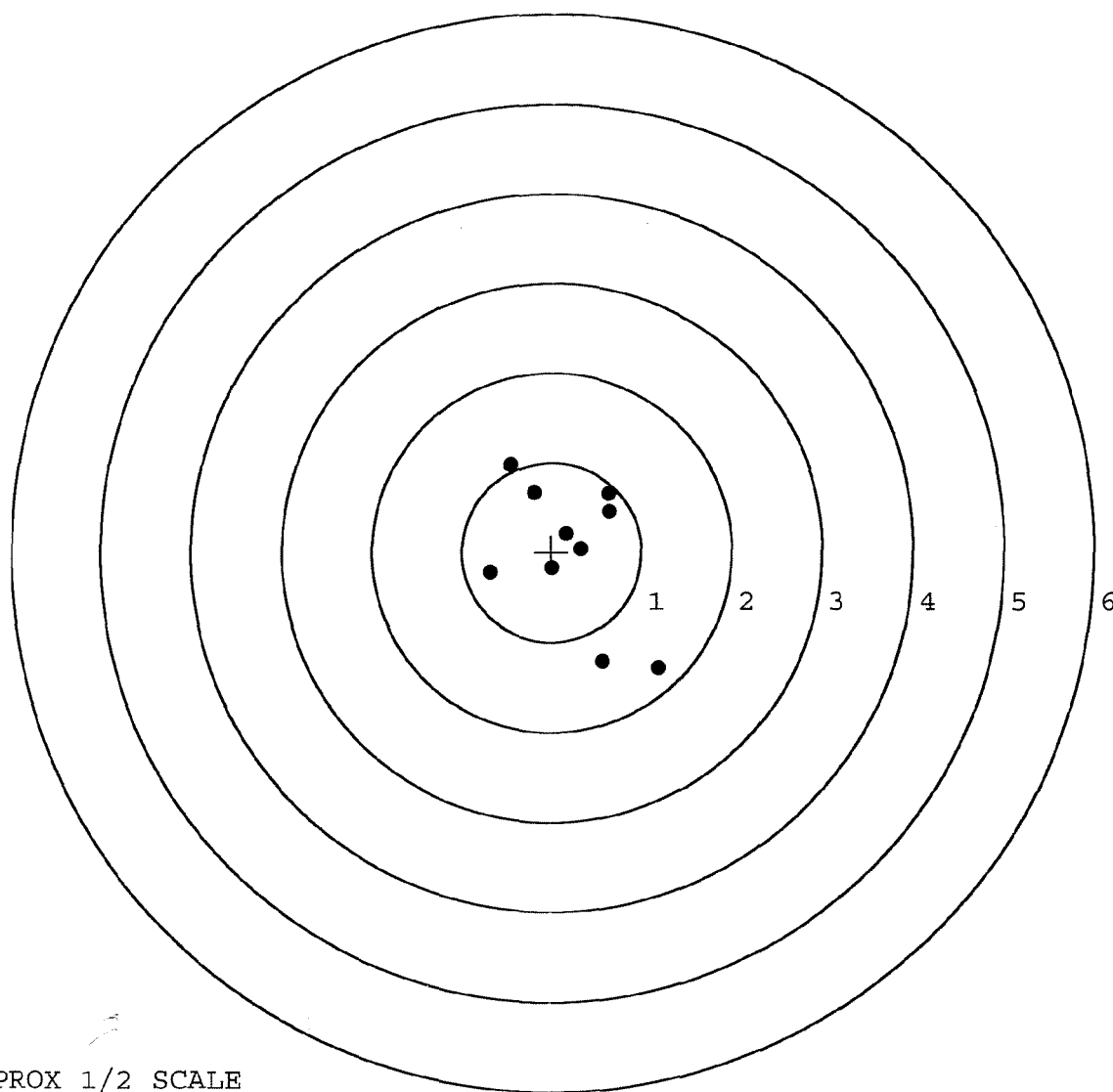
MAX RADIUS: 1.622

MEAN RADIUS: 0.779

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE