

G 657-7121

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

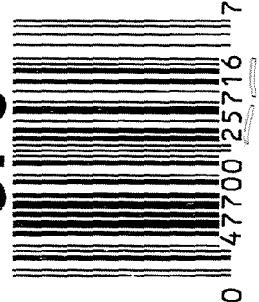
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6577121

UPC



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

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SERIAL NO.



66577121

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577121

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6-28-06	BLG
420	ASSEMBLE ACTION		7-12-06	RTZ
430	ASSEMBLE TO STOCK		7-12-06	RTZ
440	PROOF		7-17-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	7-17-06	TRW
470	DIS-ASSEMBLE ACTION	JUL 18 2006	7-17-06	RTZ
480	MAGNAFLUX BBL ACTION	CONFORMED	7/18/06	mmg
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-18-06	CW
510	DRILL AND TAP SIGHT HOLES		7-18-06	TRW BD
520	GOFF BLAST BBL / REC		7-19-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		7/21	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-9-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-9-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-9-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		8-9-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	8-17-06	mmg

F004 REV 5/2006

OP BARBER AM210088651			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.5</u>	<u>7.2</u>	<u>7.2</u>	8-16-06	DA		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.2</u>	<u>3.2</u>	<u>3.2</u>	8-16-06	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY					8-17-06	NTM		
	I) FIRING PIN INDENT	.020 MIN	<u>1023</u>	<u>023</u>	<u>1024</u>	8-16-06	DA		
	J) ASSEMBLE STOCK					8-9-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS					8-17-06	NTM		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					8-9-06	BLC		
	M) IRON SIGHT ALIGNMENT					8-9-06	BLC		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					8-9-06	BLC		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		8-10-06	TRW		
	MALFUNCTION <i>Fault found FSR</i>		CORRECTION OK			8-15-06	TRW		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					8-10-06	BD		
670	FINAL INSPECTION A) HEADSPACE					8-17-06	NTM		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.62</u>	<u>2.60</u>	<u>2.67</u>	<u>2.55</u>	<u>2.48</u>	8-16-06	DA
	C) FUNCTION					8-17-06	NTM		
690	PACK					11-16-06	BLC		

F004 REV 5/2006

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 8-9-06

TESTER mjm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.41	2.38		2.48	
PULL #2	2.48	2.45		2.50	
PULL #3	2.55	2.48		2.48	
PULL #4	2.57	2.40		2.62	
PULL #5	2.58	2.49		2.47	
TOTAL	12.53	12.25		12.55	
AVERAGE	2.51	2.45		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.20		
PULL #2	3.16	2.99		
PULL #3	3.24	3.31		
PULL #4	3.00	3.14		
PULL #5	3.08	3.22		
TOTAL	15.72	15.85		
AVERAGE	3.14	3.17		

	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	3.84	3.76		3.93
PULL #2	3.95	3.89		3.98
PULL #3	3.90	3.81		3.94
PULL #4	3.90	3.89		4.03
PULL #5	3.91	3.85		3.93
TOTAL	19.50	19.23		19.81
AVERAGE	3.90	3.85		3.96

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577121.___1
FILE DATE AND TIME: 08/15/2006 15:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.185
The Average Point of Impact of the Five Target Set:	0.209
The Average Mean Radius of the Five Target Set:	0.722
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.254
The Distance from Centroid Target #3 to Centroid Target #1:	0.537
The Distance from Centroid Target #4 to Centroid Target #1:	0.489
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

BARBER - M24 0085614

SERIAL NUMBER: G6577121. __1

TARGET NUMBER: 1

FILE DATE: 08/15/2006

FILE TIME: 15:14

POINT#	X	Y
1:	-0.878	-0.427
2:	-0.706	-0.208
3:	-0.348	-0.107
4:	-0.232	-0.652
5:	0.034	-0.363
6:	0.310	-0.746
7:	0.574	-0.246
8:	0.325	0.106
9:	0.038	0.773
10:	0.023	1.293

X CENTROID: -0.086

Y CENTROID: -0.058

POA TO CENTROID: 0.104

HORZ SPREAD: 1.452

VERT SPREAD: 2.039

GROUP SPREAD: 2.059

MIN RADIUS: 0.267

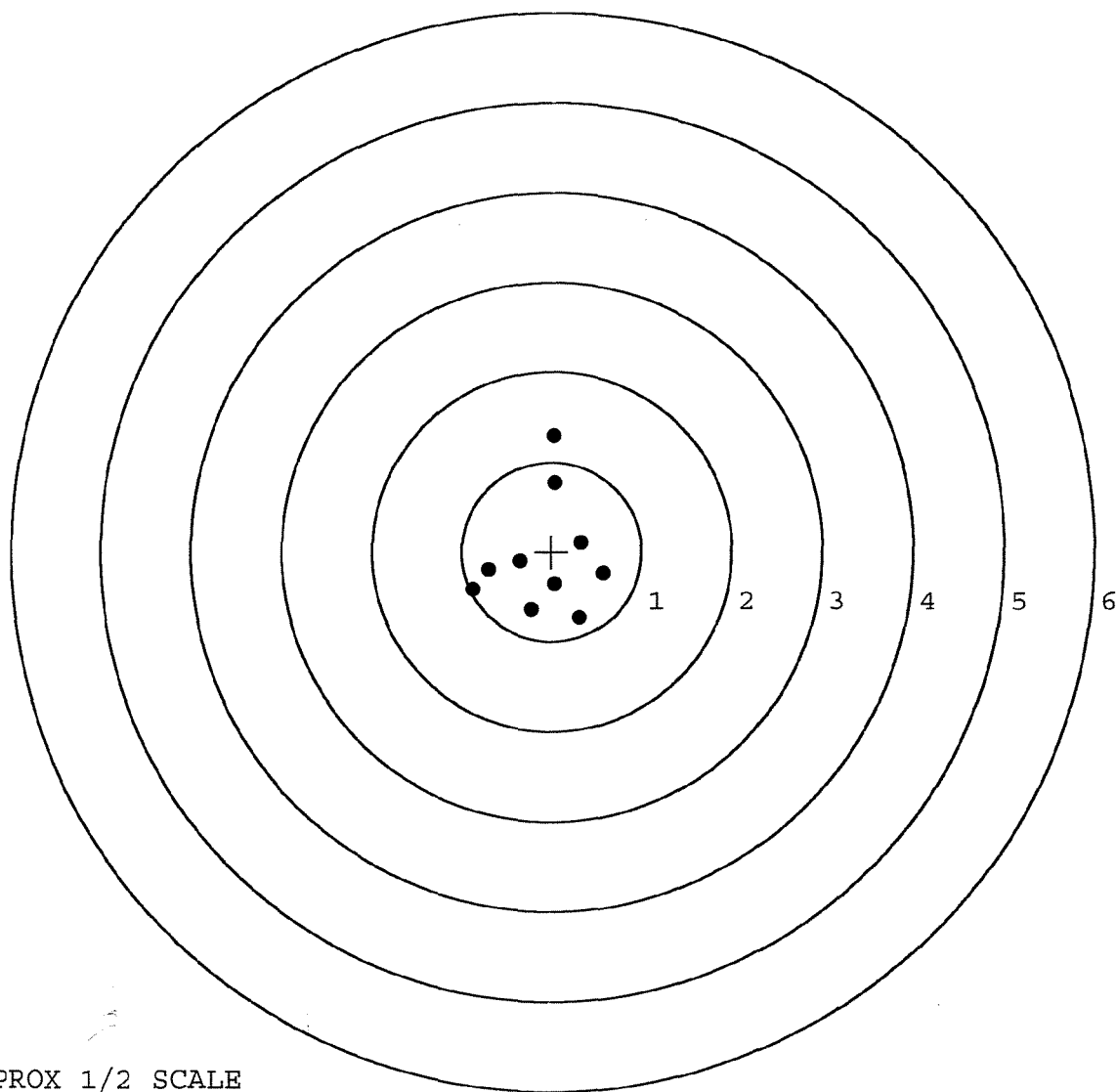
MAX RADIUS: 1.355

MEAN RADIUS: 0.684

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



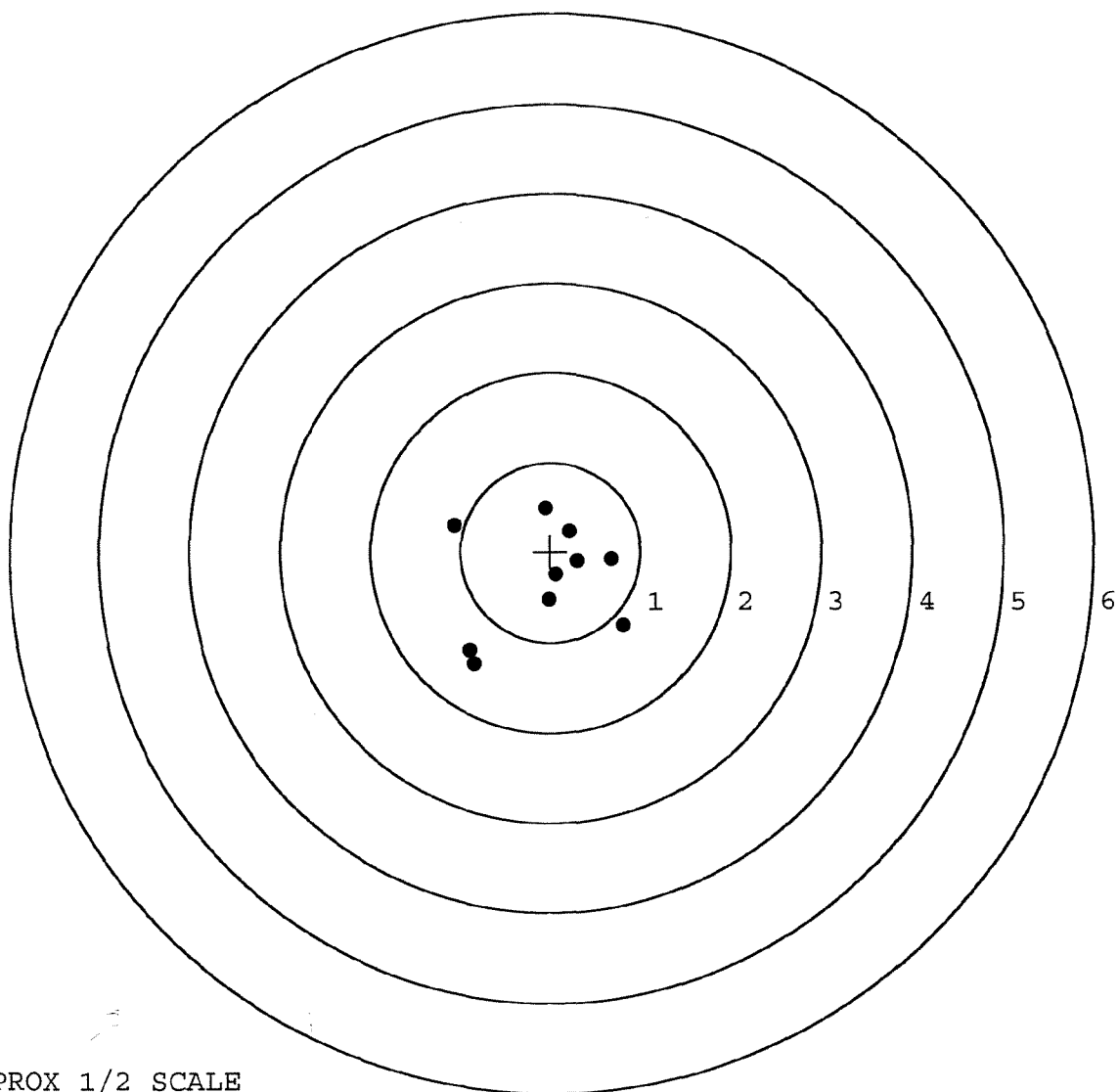
TARGET APPROX 1/2 SCALE

BARBER - M24 0085615

SERIAL NUMBER: G6577121. __1
 TARGET NUMBER: 2
 FILE DATE: 08/15/2006
 FILE TIME: 15:14

POINT#	X	Y
1:	-0.063	0.491
2:	0.209	0.229
3:	0.303	-0.104
4:	0.677	-0.086
5:	0.065	-0.256
6:	-0.017	-0.539
7:	0.808	-0.818
8:	-0.845	-1.236
9:	-0.888	-1.090
10:	-1.067	0.291

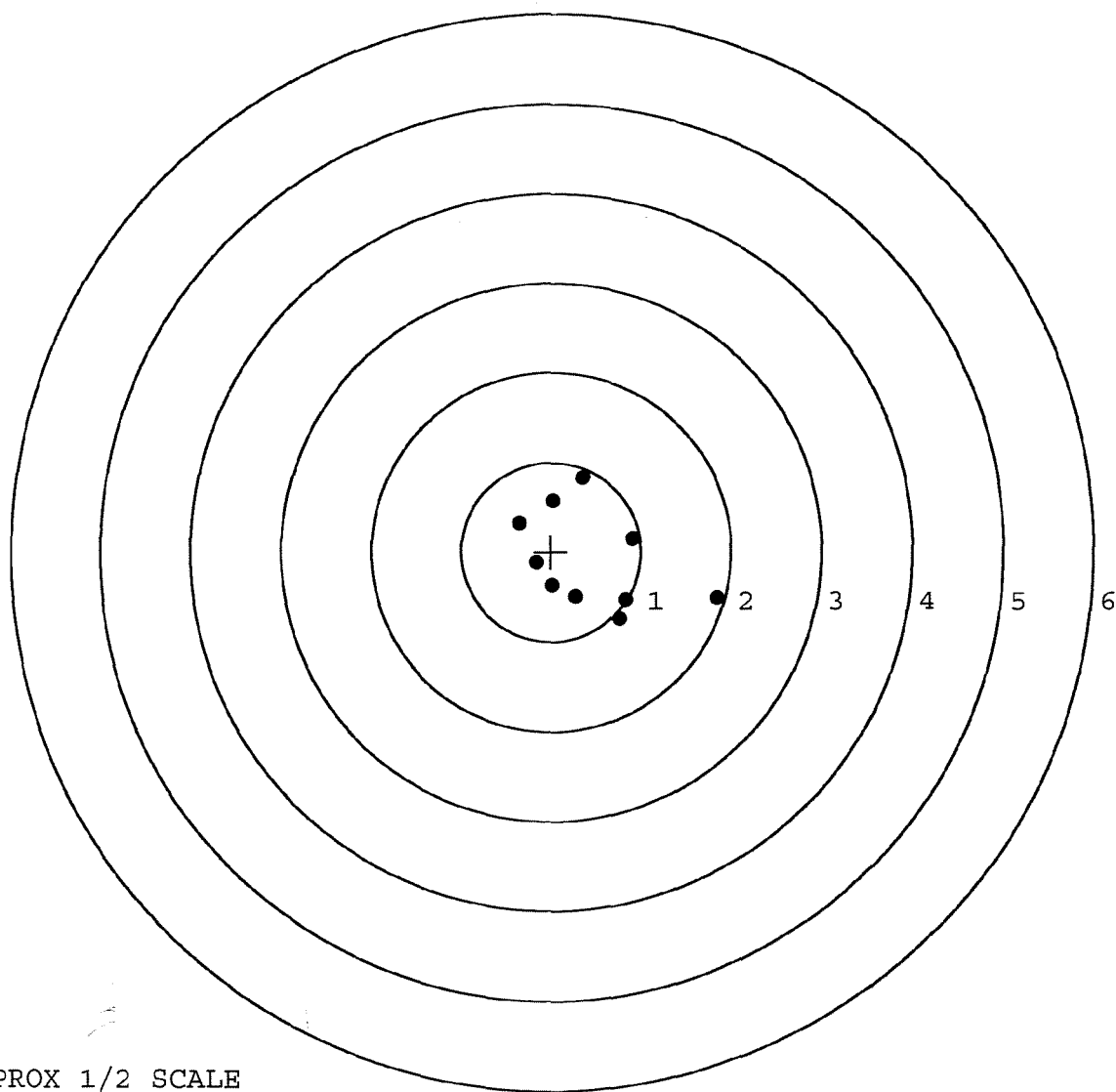
X CENTROID: -0.082
 Y CENTROID: -0.312
 POA TO CENTROID: 0.322
 HORZ SPREAD: 1.875
 VERT SPREAD: 1.727
 GROUP SPREAD: 1.908
 MIN RADIUS: 0.157
 MAX RADIUS: 1.199
 MEAN RADIUS: 0.754
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085616

SERIAL NUMBER: G6577121. __1	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.360	0.314
FILE DATE: 08/15/2006	2:	0.023	0.572
FILE TIME: 15:14	3:	0.347	0.828
	4:	0.912	0.148
X CENTROID: 0.450	5:	1.840	-0.525
Y CENTROID: -0.098	6:	0.832	-0.540
POA TO CENTROID: 0.460	7:	0.772	-0.752
HORZ SPREAD: 2.200	8:	0.278	-0.511
VERT SPREAD: 1.580	9:	0.016	-0.383
GROUP SPREAD: 2.355	10:	-0.165	-0.129
MIN RADIUS: 0.447			
MAX RADIUS: 1.455			
MEAN RADIUS: 0.751			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0085617

SERIAL NUMBER: G6577121. 1

TARGET NUMBER: 4

FILE DATE: 08/15/2006

FILE TIME: 15:14

POINT#	X	Y
1:	-0.261	-0.790
2:	-0.254	-0.516
3:	-0.078	-0.141
4:	-0.111	0.414
5:	0.489	0.011
6:	0.742	-0.421
7:	1.077	0.553
8:	0.446	-1.310
9:	0.234	-0.905
10:	-0.525	-1.599

X CENTROID: 0.176

Y CENTROID: -0.470

POA TO CENTROID: 0.502

HORZ SPREAD: 1.602

VERT SPREAD: 2.152

GROUP SPREAD: 2.683

MIN RADIUS: 0.416

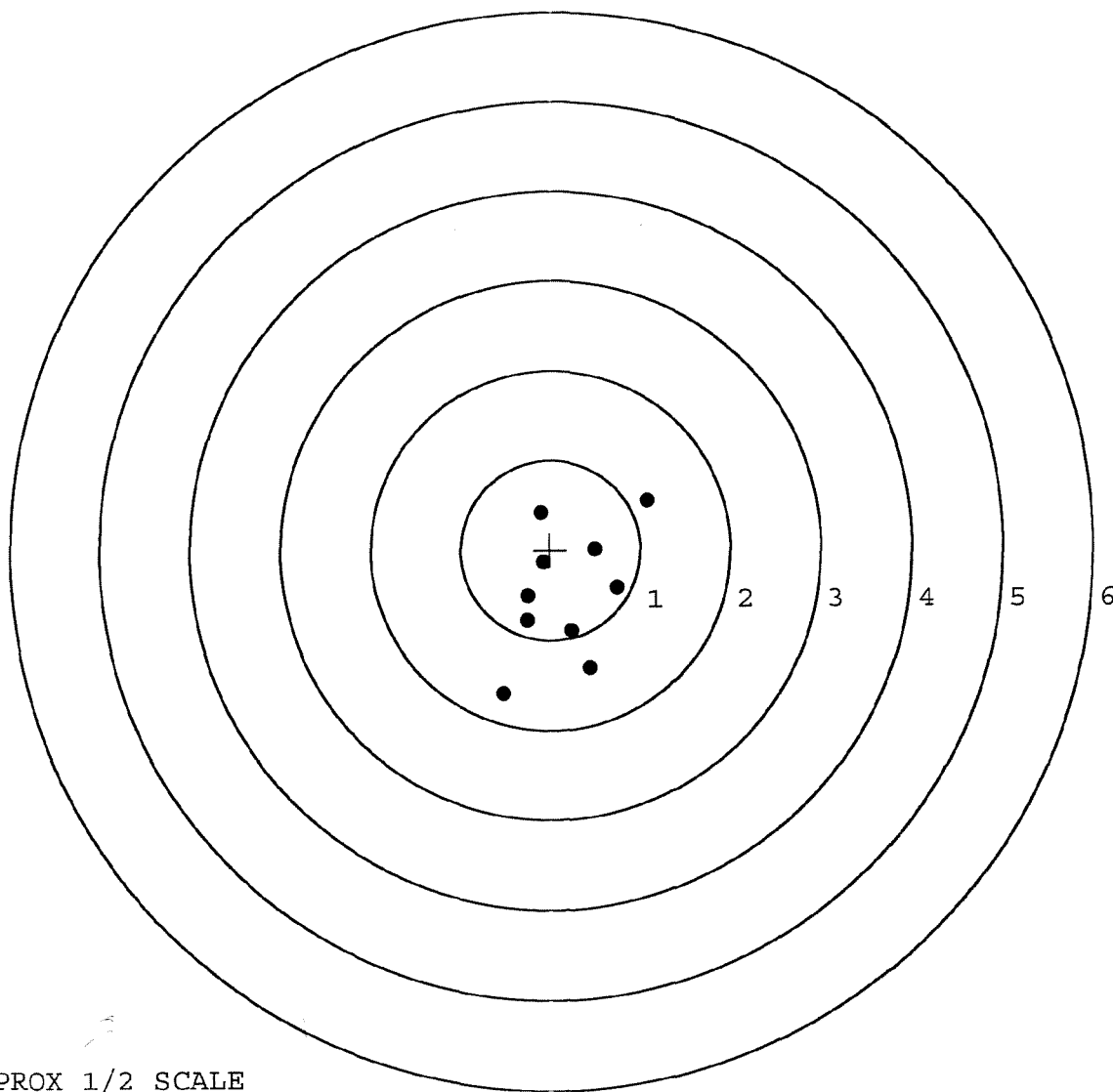
MAX RADIUS: 1.364

MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085618

SERIAL NUMBER: G6577121. 1

TARGET NUMBER: 5

FILE DATE: 08/15/2006

FILE TIME: 15:14

POINT#	X	Y
1:	-0.832	0.411
2:	-0.362	0.490
3:	0.067	0.435
4:	0.299	0.595
5:	0.629	0.611
6:	0.467	-0.041
7:	0.105	-0.487
8:	-0.135	-0.493
9:	-0.412	-0.173
10:	0.506	-1.209

X CENTROID: 0.033

Y CENTROID: 0.014

POA TO CENTROID: 0.036

HORZ SPREAD: 1.461

VERT SPREAD: 1.820

GROUP SPREAD: 2.101

MIN RADIUS: 0.422

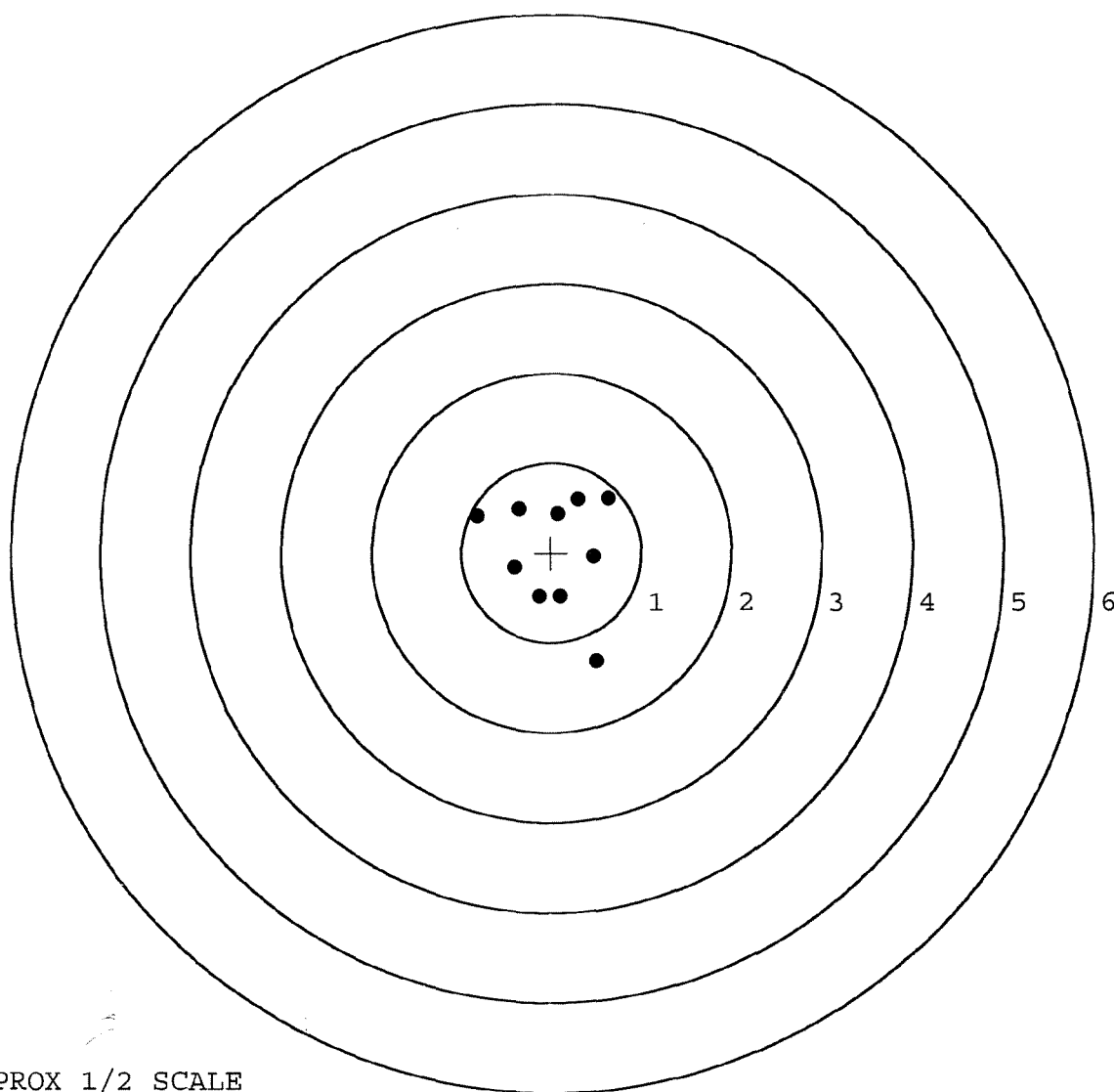
MAX RADIUS: 1.311

MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE