

G-657 7224

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



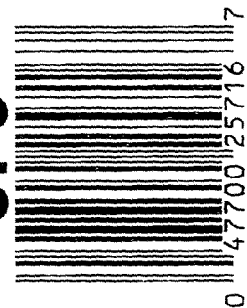
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6577224

UPC



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SERIAL NO.



G6577224

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577224

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/21/06	BLC
420	ASSEMBLE ACTION		6/21/06	BLC
430	ASSEMBLE TO STOCK		6/22/06	BLC
440	PROOF	MAGNA-FLUX INSPECTED	6/22/06	BLC
460	CHECK HEADSPACE	JUN 23 2006	6/22/06	BLC
470	DIS-ASSEMBLE ACTION		6/22/06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unt</u>	6/23/06	unt
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6-22-06	CW
510	DRILL AND TAP SIGHT HOLES		6-22-06	TRW
520	GOFF BLAST BBL / REC		6-26-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/5/06	TBS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-6-06	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-6-06	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-6-06	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		7-10-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		7-18-06	WJH

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.5</u>	7-11-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.5</u> <u>4.5</u>	7-11-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		7-18-06	MJH
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.022</u>	7-11-06	DA
	J) ASSEMBLE STOCK		7-10-06	BLG
	K) ASSEMBLE SWIVEL STUDS		7-18-06	MJH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-10-06	BLG
	M) IRON SIGHT ALIGNMENT		7-10-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-10-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7-10-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7-10-00	BD
670	FINAL INSPECTION A) HEADSPACE		7-18-06	MJH
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.35</u> <u>2.54</u> <u>2.41</u> <u>2.52</u> <u>2.42</u>	7-11-06	DA
	C) FUNCTION		7-18-06	MJH
690	PACK		11-16-06	BLG

F004 REV 5/2006

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 6-16-06

TESTER R.R.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	255	242		249	
PULL #2	251	235		233	
PULL #3	231	247		250	
PULL #4	250	246		252	
PULL #5	251	242		252	
TOTAL	1238	1212		1236	
AVERAGE	247	242		247	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	318	316		
PULL #2	310	306		
PULL #3	318	321		
PULL #4	304	308		
PULL #5	323	309		
TOTAL	1573	1562		
AVERAGE	314	312		

	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	411	396		426
PULL #2	402	407		412
PULL #3	405	393		398
PULL #4	402	403		407
PULL #5	398	411		413
TOTAL	2018	2010		2056
AVERAGE	403	402		411

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577224.___0

FILE DATE AND TIME: 07/10/2006 07:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	-0.115
The Average Point of Impact of the Five Target Set:	0.117
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.362
The Distance from Centroid Target #2 to Centroid Target #1:	0.412
The Distance from Centroid Target #3 to Centroid Target #1:	0.292
The Distance from Centroid Target #4 to Centroid Target #1:	0.250
The Distance from Centroid Target #5 to Centroid Target #1:	0.415

BARBER - M24 0087068

SERIAL NUMBER: G6577224. __0

TARGET NUMBER: 1

FILE DATE: 07/10/2006

FILE TIME: 07:48

POINT#	X	Y
1:	1.340	-1.740
2:	0.673	-1.178
3:	1.197	0.036
4:	-0.310	-1.202
5:	-0.073	-0.389
6:	0.204	0.318
7:	-0.203	0.435
8:	-0.344	0.335
9:	-0.602	0.123
10:	-0.545	-0.102

X CENTROID: 0.134

Y CENTROID: -0.336

POA TO CENTROID: 0.362

HORZ SPREAD: 1.942

VERT SPREAD: 2.175

GROUP SPREAD: 2.691

MIN RADIUS: 0.213

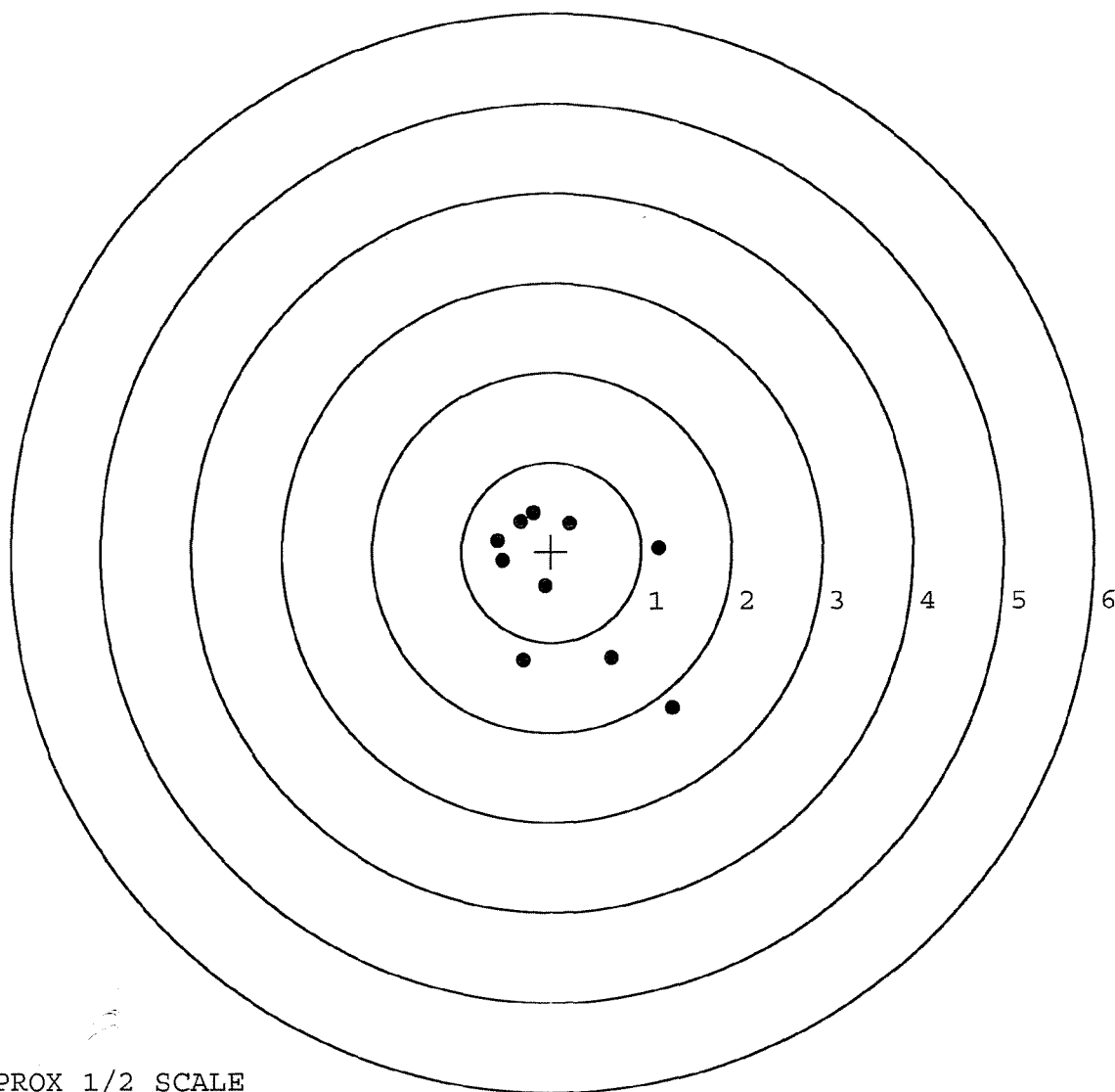
MAX RADIUS: 1.851

MEAN RADIUS: 0.907

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



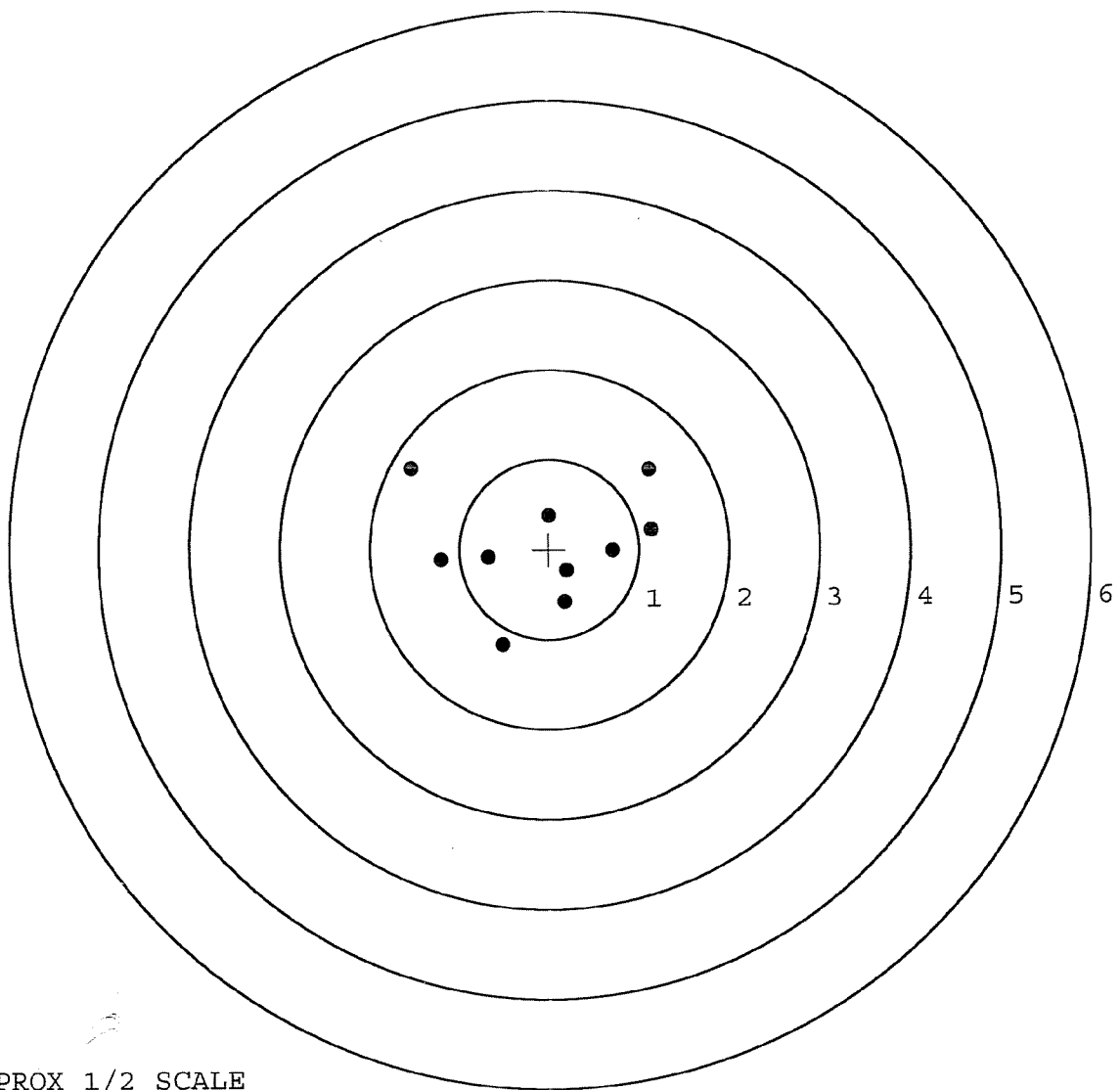
TARGET APPROX 1/2 SCALE

BARBER - M24 0087069

SERIAL NUMBER: G6577224. 0
 TARGET NUMBER: 2
 FILE DATE: 07/10/2006
 FILE TIME: 07:48

POINT#	X	Y
1:	1.135	0.217
2:	1.107	0.881
3:	0.711	-0.014
4:	-0.004	0.378
5:	0.198	-0.236
6:	0.177	-0.588
7:	-0.514	-1.065
8:	-0.676	-0.092
9:	-1.205	-0.120
10:	-1.535	0.903

X CENTROID: -0.061
 Y CENTROID: 0.026
 POA TO CENTROID: 0.066
 HORZ SPREAD: 2.670
 VERT SPREAD: 1.968
 GROUP SPREAD: 2.757
 MIN RADIUS: 0.356
 MAX RADIUS: 1.715
 MEAN RADIUS: 0.949
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



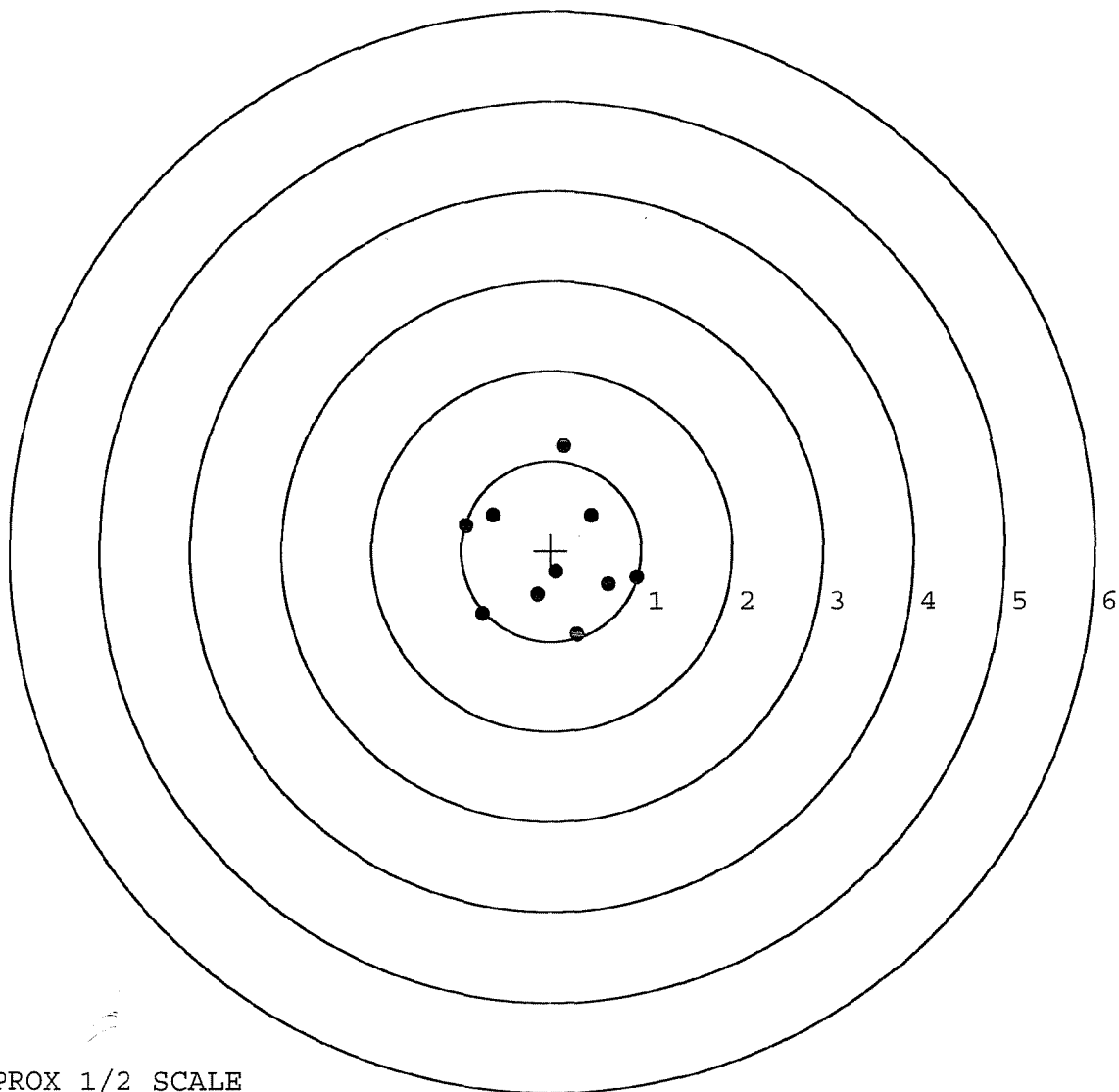
TARGET APPROX 1/2 SCALE

BARBER - M24 0087070

SERIAL NUMBER: G6577224. __0
 TARGET NUMBER: 3
 FILE DATE: 07/10/2006
 FILE TIME: 07:48

POINT#	X	Y
1:	0.952	-0.294
2:	0.636	-0.367
3:	0.288	-0.921
4:	-0.152	-0.485
5:	0.058	-0.234
6:	0.444	0.393
7:	-0.763	-0.694
8:	-0.950	0.279
9:	-0.649	0.391
10:	0.143	1.162

X CENTROID: 0.001
 Y CENTROID: -0.077
 POA TO CENTROID: 0.077
 HORZ SPREAD: 1.902
 VERT SPREAD: 2.083
 GROUP SPREAD: 2.088
 MIN RADIUS: 0.167
 MAX RADIUS: 1.247
 MEAN RADIUS: 0.786
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0087071

SERIAL NUMBER: G6577224. 0

TARGET NUMBER: 4

FILE DATE: 07/10/2006

FILE TIME: 07:48

POINT#	X	Y
1:	0.759	-0.985
2:	0.603	-0.186
3:	0.193	0.209
4:	0.143	0.395
5:	-0.213	-0.479
6:	-0.148	-0.160
7:	-0.313	-0.015
8:	-0.655	-0.077
9:	-0.643	0.260
10:	-0.181	-0.586

X CENTROID: -0.046

Y CENTROID: -0.162

POA TO CENTROID: 0.169

HORZ SPREAD: 1.414

VERT SPREAD: 1.380

GROUP SPREAD: 1.875

MIN RADIUS: 0.103

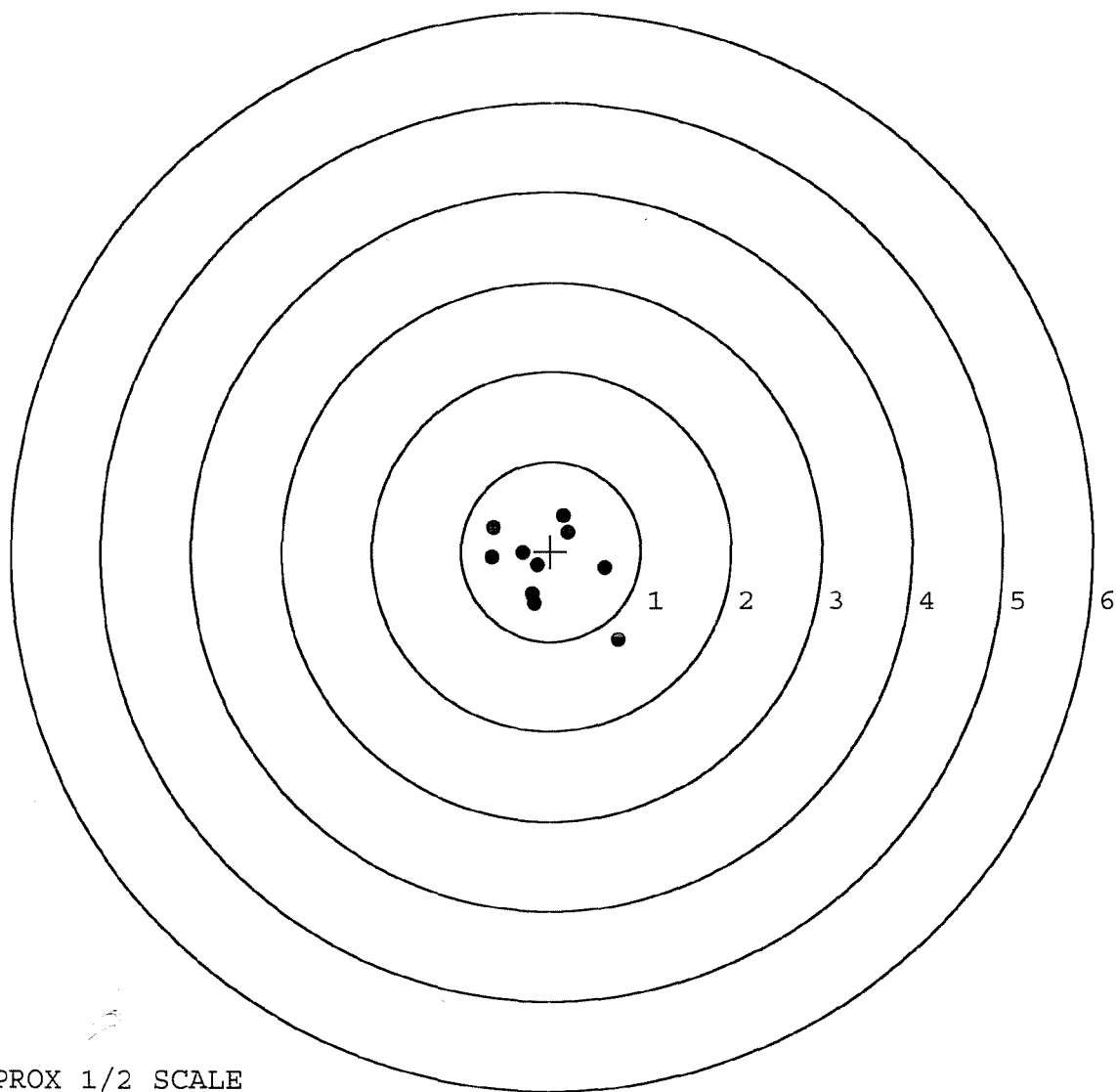
MAX RADIUS: 1.151

MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0087072

SERIAL NUMBER: G6577224. 0

TARGET NUMBER: 5

FILE DATE: 07/10/2006

FILE TIME: 07:48

POINT#	X	Y
1:	-0.335	0.698
2:	-0.660	0.736
3:	-0.999	-0.996
4:	0.577	-0.049
5:	0.360	0.070
6:	0.203	0.122
7:	-0.173	0.151
8:	0.031	-0.534
9:	-0.137	-0.318
10:	-0.247	-0.113

X CENTROID: -0.138

Y CENTROID: -0.023

POA TO CENTROID: 0.140

HORZ SPREAD: 1.576

VERT SPREAD: 1.732

GROUP SPREAD: 1.839

MIN RADIUS: 0.141

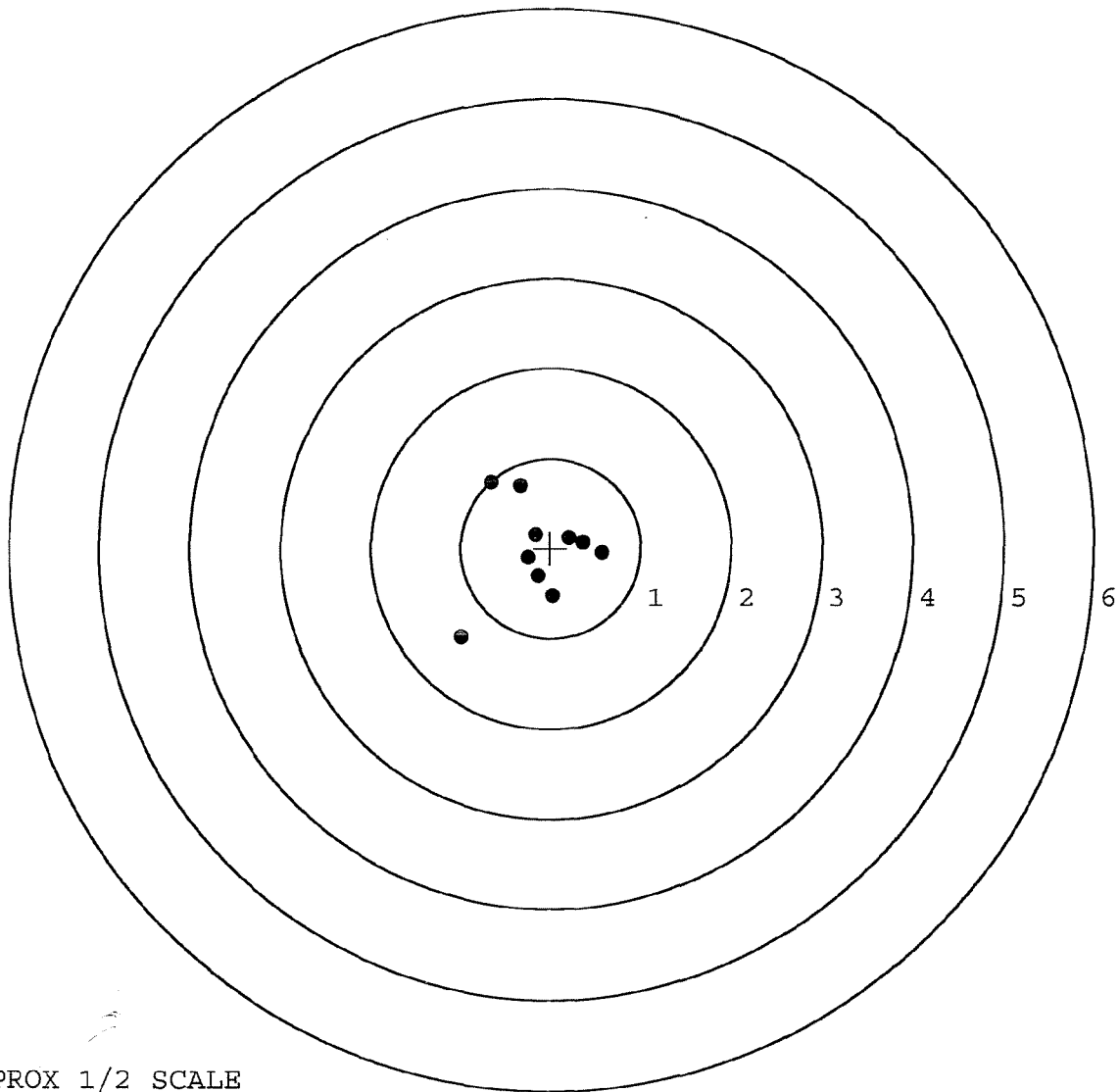
MAX RADIUS: 1.299

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE