

G6591697

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



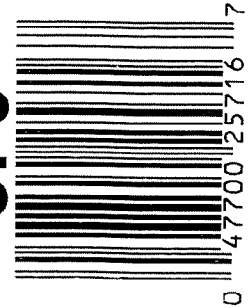
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591697

UPC



ORDER — 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591697

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-17-06	RTZ
420	ASSEMBLE ACTION		10-17-06	RTZ
430	ASSEMBLE TO STOCK		10-17-06	L.P.D.
440	PROOF		10-17-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-17-06	L.P.D.
470	DIS-ASSEMBLE ACTION	OCT 19 2006	10-18-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-19-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-20-06	CW
510	DRILL AND TAP SIGHT HOLES		10-18-06	TRW
520	GOFF BLAST BBL / REC		10-23-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/27/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/17/06	mon
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/17/06	mon
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/17/06	mon
	D) OIL FIRING PIN ASSEMBLY		12-4-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/2/06	mon

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>48</u> <u>50</u> <u>40</u>	12/3/06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>70</u> <u>70</u> <u>70</u>	12/3/06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		12/22/06	nom
	I) FIRING PIN INDENT .020 MIN	<u>-.025</u> <u>-.025</u> <u>-.024</u>	12-13-06	SD
	J) ASSEMBLE STOCK		12-4-06	BLG
	K) ASSEMBLE SWIVEL STUDS		12/22/06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/22/06	nom
	M) IRON SIGHT ALIGNMENT		12/22/06	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/22/06	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12/4/06	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/4/06	MfP
670	FINAL INSPECTION A) HEADSPACE		12/22/06	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.87</u> <u>2.79</u> <u>2.31</u> <u>2.30</u> <u>2.37</u>	12-13-06	BLG
	C) FUNCTION		12/22/06	nom
690	PACK		1-25-07	RJA

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 11-14-06

 TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	261	253		235	
PULL #2	256	268		242	
PULL #3	268	257		238	
PULL #4	259	254		235	
PULL #5	255	257		236	
TOTAL	1299	1289		1186	
AVERAGE	259	257		237	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	301	328		
PULL #2	299	316		
PULL #3	306	315		
PULL #4	294	315		
PULL #5	319	311		
TOTAL	1519	1585		
AVERAGE	303	317		

	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	409	413		4.31
PULL #2	402	416		4.14
PULL #3	402	411		4.15
PULL #4	417	391		4.06
PULL #5	412	408		4.02
TOTAL	2042	2039		20.68
AVERAGE	408	407		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591697.___0
FILE DATE AND TIME: 12/05/2006 06:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	0.012
The Average Point of Impact of the Five Target Set:	0.021
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.010
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.016
The Distance from Centroid Target #4 to Centroid Target #1:	0.062
The Distance from Centroid Target #5 to Centroid Target #1:	0.115

BARBER - M24 0169761

SERIAL NUMBER: G6591697. 0

TARGET NUMBER: 1

FILE DATE: 12/05/2006

FILE TIME: 06:15

X CENTROID: 0.008

Y CENTROID: 0.005

POA TO CENTROID: 0.010

HORZ SPREAD: 1.620

VERT SPREAD: 2.021

GROUP SPREAD: 2.142

MIN RADIUS: 0.363

MAX RADIUS: 1.293

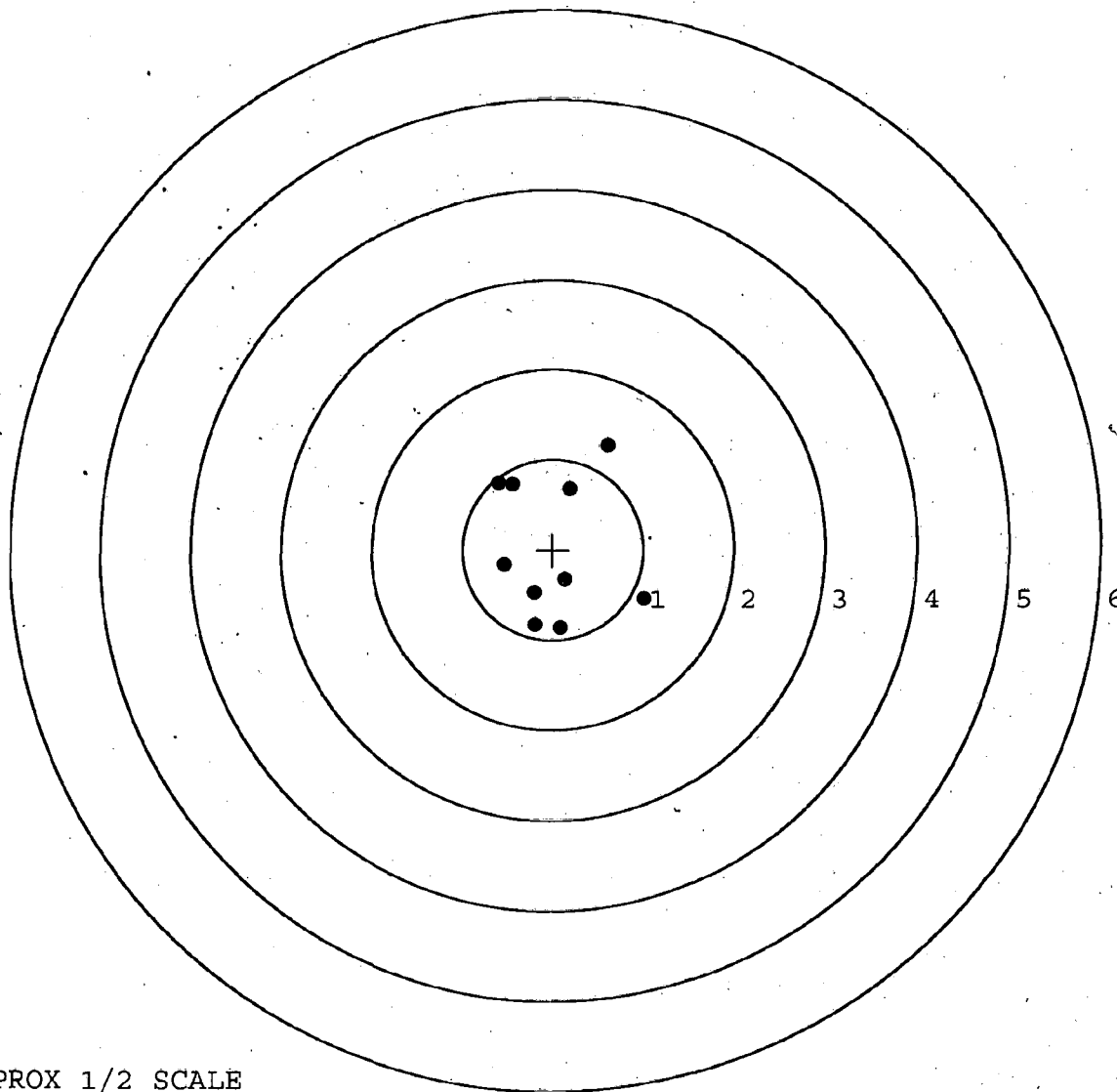
MEAN RADIUS: 0.814

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.017	-0.550
2:	0.608	1.150
3:	0.188	0.672
4:	-0.603	0.738
5:	-0.447	0.725
6:	0.095	-0.871
7:	-0.190	-0.838
8:	0.144	-0.332
9:	-0.197	-0.478
10:	-0.533	-0.166



TARGET APPROX 1/2 SCALE

BARBER - M24 0169762

SERIAL NUMBER: G6591697. __0

TARGET NUMBER: 2

FILE DATE: 12/05/2006

FILE TIME: 06:15

POINT#	X	Y
1:	-1.172	0.236
2:	-0.344	0.926
3:	-0.667	0.222
4:	-0.207	0.171
5:	0.333	0.388
6:	0.621	0.211
7:	0.264	-0.690
8:	0.510	-0.397
9:	0.296	-0.318
10:	-0.723	0.138

X CENTROID: -0.109

Y CENTROID: 0.089

POA TO CENTROID: 0.140

HORZ SPREAD: 1.793

VERT SPREAD: 1.616

GROUP SPREAD: 1.797

MIN RADIUS: 0.128

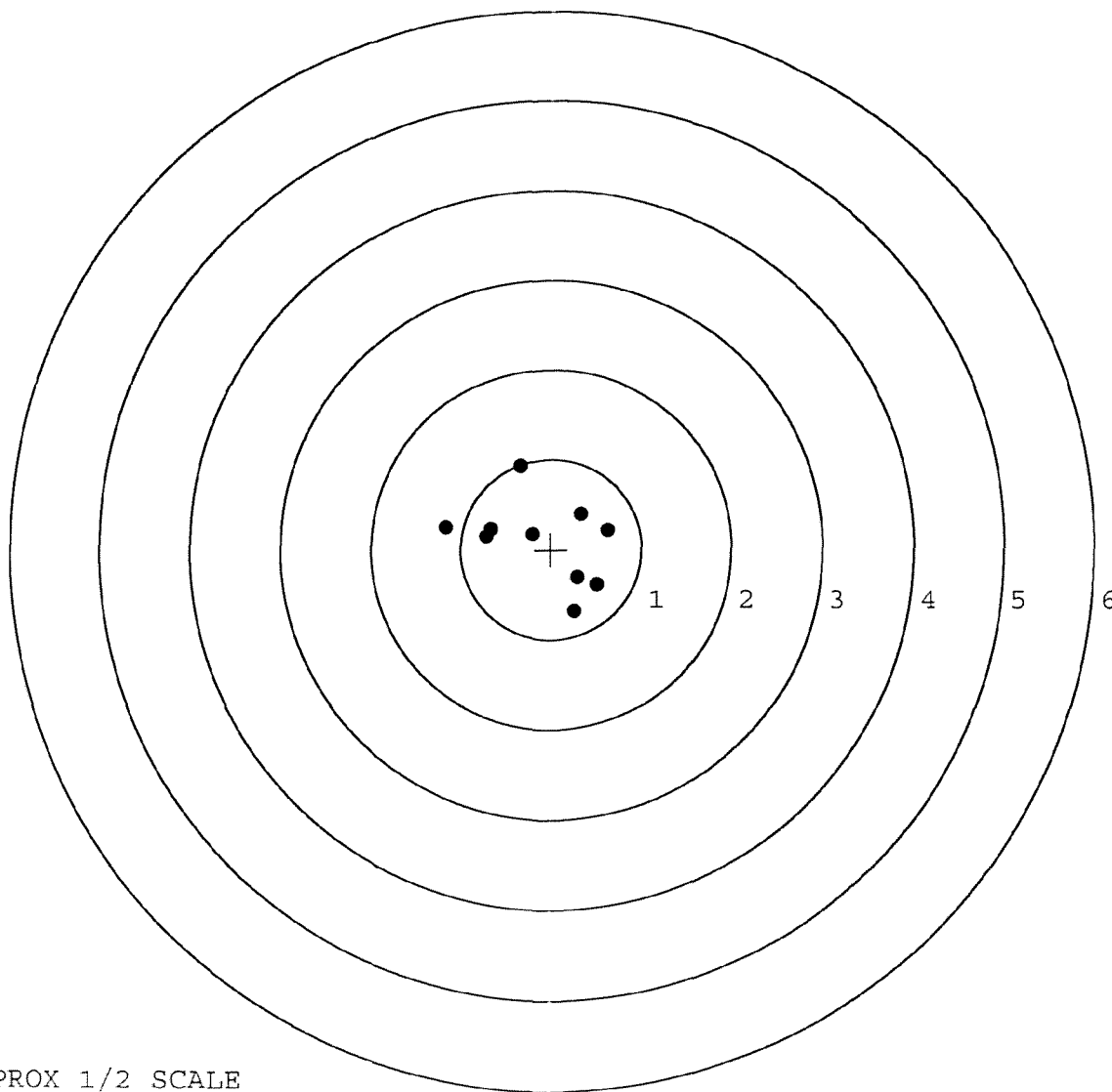
MAX RADIUS: 1.073

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169763

SERIAL NUMBER: G6591697. __0

TARGET NUMBER: 3

FILE DATE: 12/05/2006

FILE TIME: 06:15

POINT#	X	Y
1:	-0.448	-0.748
2:	-0.942	-0.392
3:	-1.314	-0.070
4:	0.884	1.059
5:	-0.274	0.816
6:	0.647	-0.563
7:	0.494	-0.248
8:	0.074	-0.071
9:	0.610	0.133
10:	0.292	0.282

X CENTROID: 0.002

Y CENTROID: 0.020

POA TO CENTROID: 0.020

HORZ SPREAD: 2.198

VERT SPREAD: 1.807

GROUP SPREAD: 2.471

MIN RADIUS: 0.116

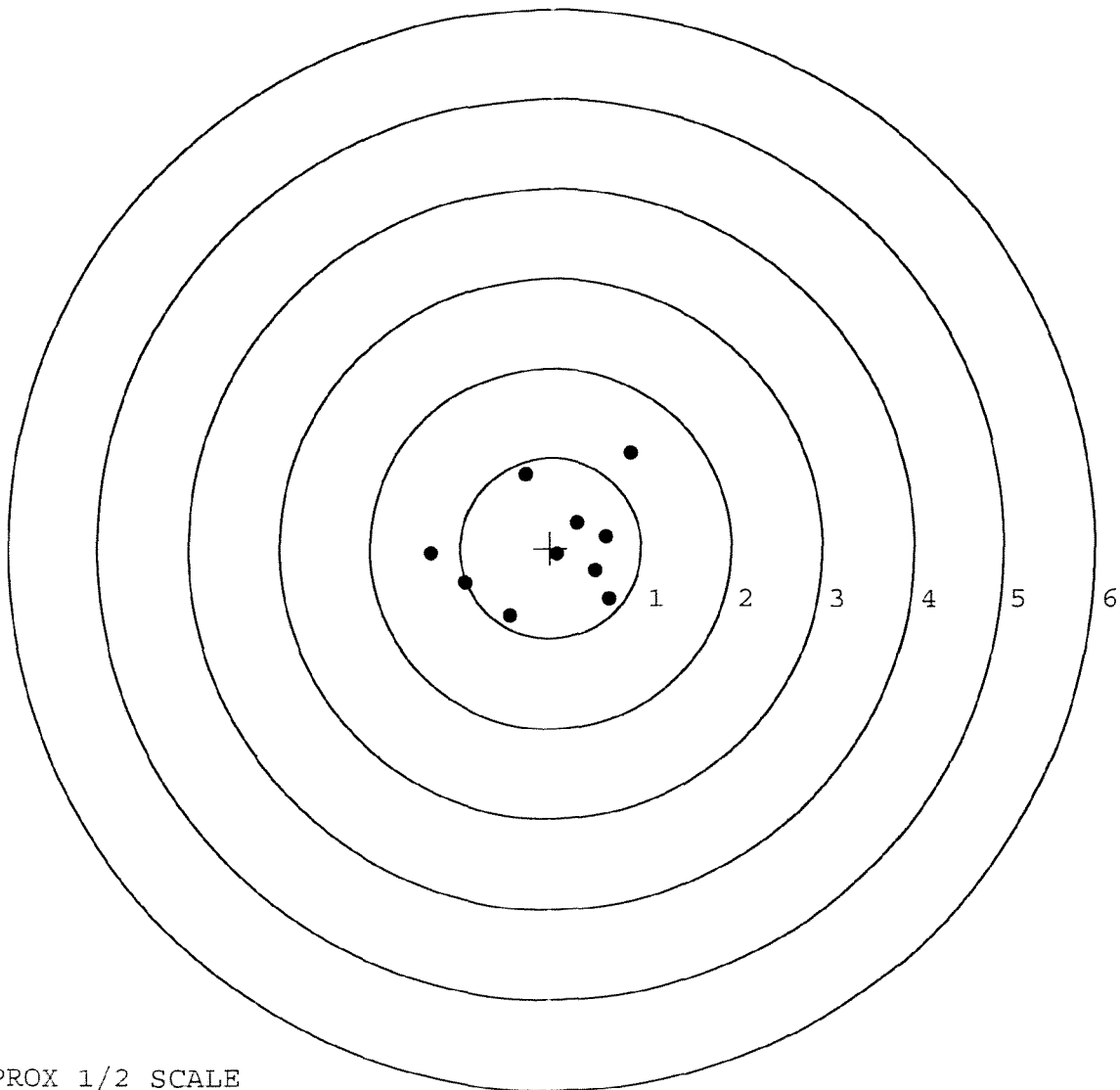
MAX RADIUS: 1.363

MEAN RADIUS: 0.800

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169764

SERIAL NUMBER: G6591697. __0

TARGET NUMBER: 4

FILE DATE: 12/05/2006

FILE TIME: 06:15

POINT#	X	Y
1:	0.455	-0.856
2:	0.219	-0.473
3:	0.354	-0.215
4:	0.411	0.363
5:	0.341	0.657
6:	0.109	0.494
7:	-0.145	0.245
8:	-0.533	0.237
9:	-0.369	-0.169
10:	-0.183	-0.449

X CENTROID: 0.066

Y CENTROID: -0.017

POA TO CENTROID: 0.068

HORZ SPREAD: 0.988

VERT SPREAD: 1.513

GROUP SPREAD: 1.517

MIN RADIUS: 0.336

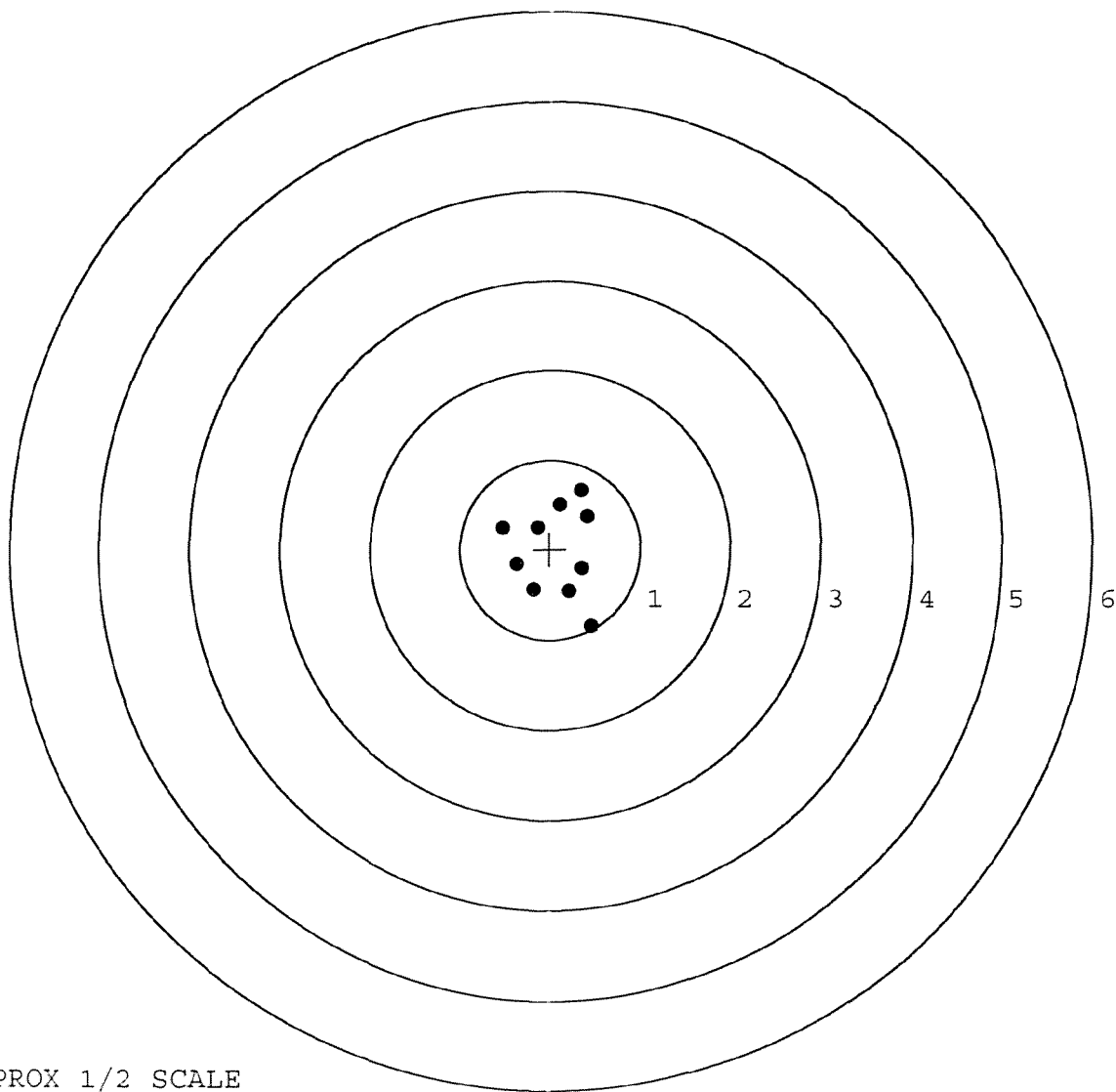
MAX RADIUS: 0.925

MEAN RADIUS: 0.546

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



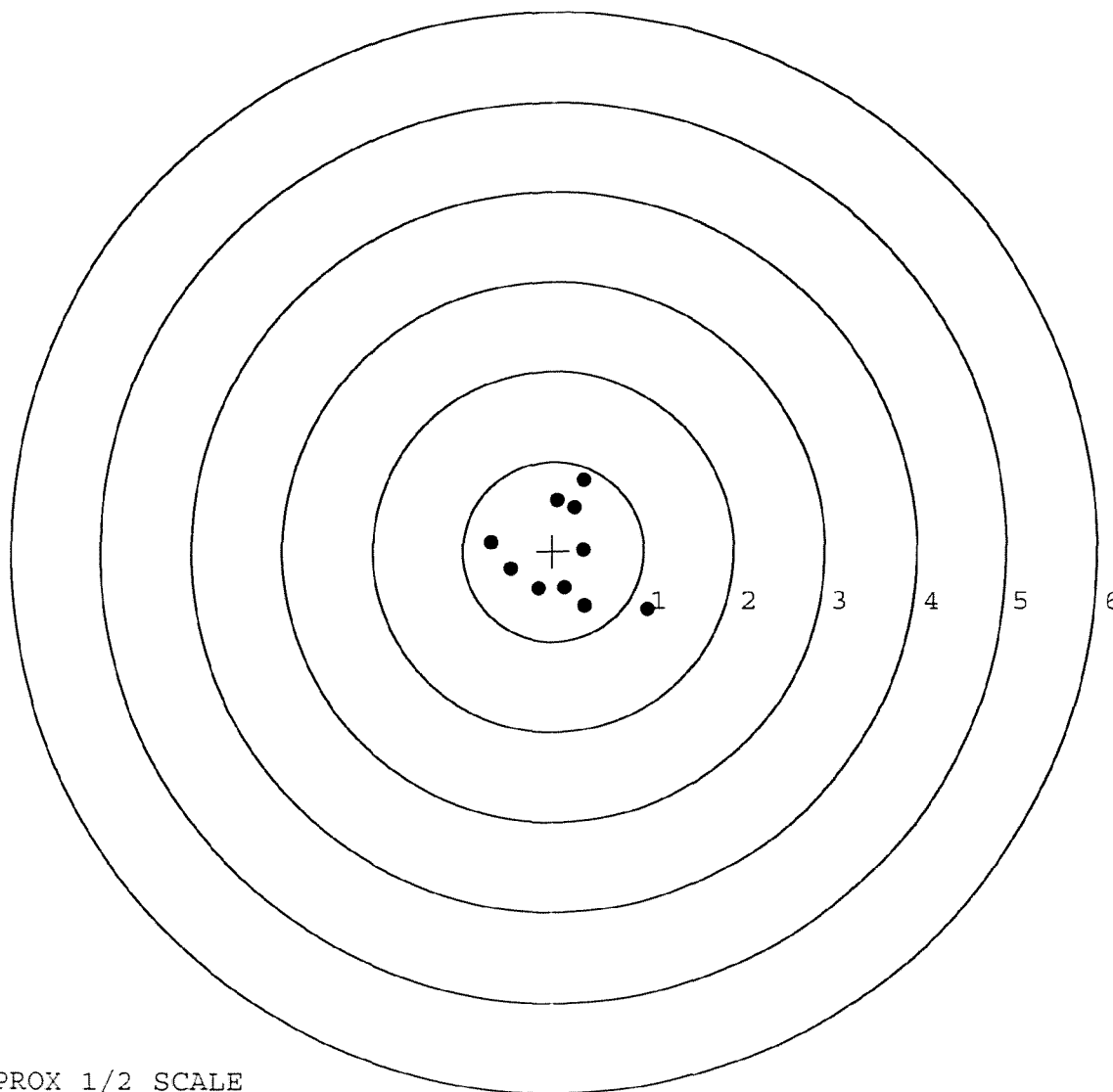
TARGET APPROX 1/2 SCALE

BARBER - M24 0169765

SERIAL NUMBER: G6591697. __0
 TARGET NUMBER: 5
 FILE DATE: 12/05/2006
 FILE TIME: 06:15

POINT#	X	Y
1:	0.340	0.789
2:	0.042	0.570
3:	1.044	-0.648
4:	0.352	-0.614
5:	0.127	-0.418
6:	0.336	0.007
7:	-0.161	-0.424
8:	-0.467	-0.206
9:	-0.690	0.096
10:	0.237	0.486

X CENTROID: 0.116
 Y CENTROID: -0.036
 POA TO CENTROID: 0.122
 HORZ SPREAD: 1.734
 VERT SPREAD: 1.437
 GROUP SPREAD: 1.887
 MIN RADIUS: 0.224
 MAX RADIUS: 1.112
 MEAN RADIUS: 0.624
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE