

G-6410320

10/26/2004 7:48:11 AM

Crib

Original

25732

M/24 7.62 NATO (RIFLE ONLY)



.MA25732

Shop Order: SWS5732 - B



.ABWS5732 - B

Start Date: 9/8/2004

Finish Date: 10/27/2004

0540

Flat Black Powder Coat, Barrel and

01PC001



0003512656

0560

Reassemble Action.

89SWS1



0003512657

0690

Pack Rifle

89SWS1



0003512668

0700

Stencil SWS Container

89SWS1



.OP0700

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

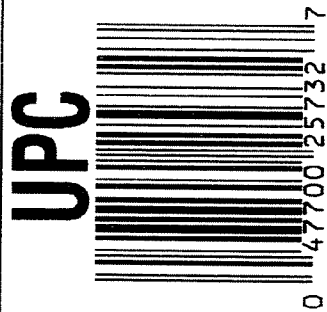
- INSTRUCTION BOOK 3518

DD FORM 200348



ORDER NO.	25732
BARREL LENGTH	24"
CAPACITY	5

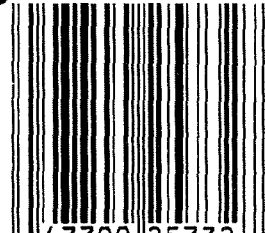
G6410320



ORDER 25732

M/24 7.62 NATO (RIFLE ONLY)

UPC

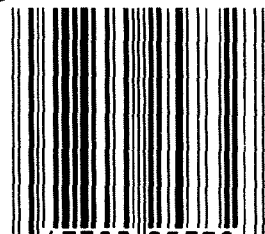


0 47700 25732 7

ORDER 25732

M/24 7.62 NATO (RIFLE ONLY)

UPC



0 47700 25732 7

SERIAL NO.



66410320

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410320

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8-24-04	RTL
600	PROOF		8-24-04	RTL
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-24-04	RTL
610	DIS-ASSEMBLE GUN	AUG 25 2004	8-24-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>[Signature]</u>		
615	ROLLMARK CALIBER		8/25/04	[Signature]
617	DRILL AND TAP SIGHT HOLES		8-24-04	TRLW
620	APPLY COATINGS (BARREL ACTION)		9/7	[Signature]
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/23/04	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/23/04	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/23/04	RA
	D) OIL FIRING PIN ASSEMBLY		10-11-04	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP # OPERATION NAME		READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u>	<u>6.0</u>	<u>6.5</u>	10-20-04	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u>	<u>2.0</u>	<u>2.0</u>	10-20-04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY					
	I) FIRING PIN INDENT .020 MIN	<u>1.024</u>	<u>1.024</u>	<u>1.024</u>	10-20-04	DA
	J) ASSEMBLE STOCK				10-11-04	RTL
	K) ASSEMBLE SWIVEL STUDS				10-26-04	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				NA	DA
	M) IRON SIGHT ALIGNMENT				NA	DA
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				NA	DA
640	GALLERY TEST AND TARGET		PASS	FAIL	10-12-04	X
	MALFUNCTION <i>MCW</i>		CORRECTION	<i>OK</i>	10-18-04	TRW
	MALFUNCTION		CORRECTION		NA	TRW
	MALFUNCTION		CORRECTION		NA	TRW
	MALFUNCTION		CORRECTION		NA	TRW
645	INSPECT FOR LIVE AMMO				10-19-04	Ac
655	FINAL INSPECTION A) HEADSPACE				10-20-04	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u>	<u>2.55</u>	<u>2.46</u> <u>2.39</u> <u>2.43</u>	10-20-04	DA
	C) FUNCTION				10-20-04	RTL
660	PACK				10-20-04	DA

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)

SERIAL NO.

DATE 10-11-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.31	2.50		2.11	
PULL #2	2.35	2.17		2.00	
PULL #3	2.31	2.39		2.08	
PULL #4	2.37	2.34		2.11	
PULL #5	2.07	2.26		2.43	
TOTAL	11.45	11.66		10.73	
AVERAGE	2.29	2.33		2.14	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.39		
PULL #2	3.14	2.99		
PULL #3	3.24	3.08		
PULL #4	3.13	3.05		
PULL #5	2.93	2.97		
TOTAL	15.84	15.48		
AVERAGE	3.16	3.09		

	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	4.41	4.28		4.37
PULL #2	4.31	4.23		4.15
PULL #3	4.50	4.12		4.11
PULL #4	4.23	4.23		4.09
PULL #5	4.24	4.16		4.13
TOTAL	21.69	21.02		20.85
AVERAGE	4.33	4.20		4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410320.___0
FILE DATE AND TIME: 10/12/2004 09:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

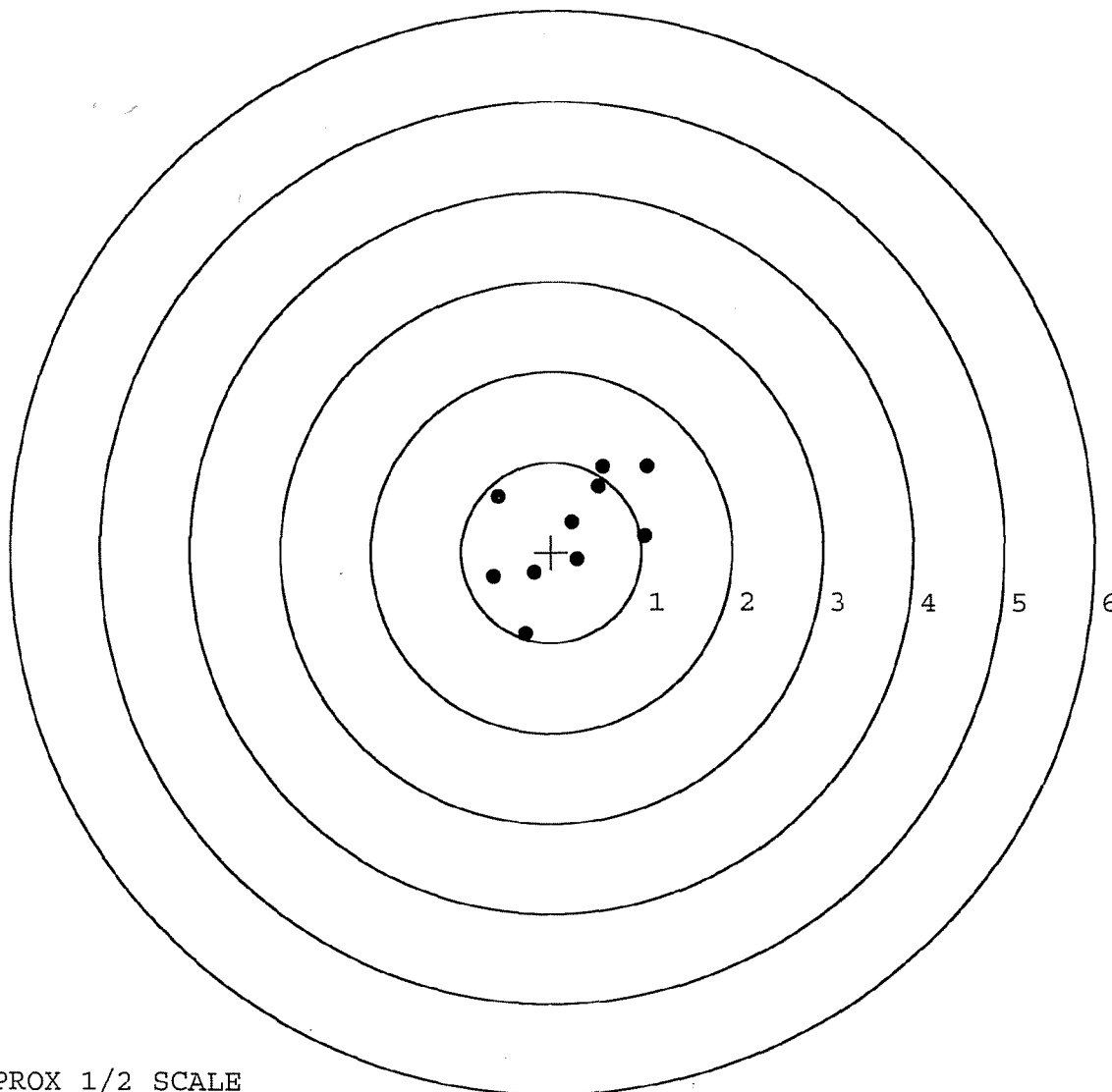
The Average X Centroid of the Five Target Set:	0.093
The Average Y Centroid of the Five Target Set:	0.190
The Average Point of Impact of the Five Target Set:	0.212
The Average Mean Radius of the Five Target Set:	0.667
The Distance from POA to Centroid Target #1:	0.302
The Distance from Centroid Target #2 to Centroid Target #1:	0.374
The Distance from Centroid Target #3 to Centroid Target #1:	0.136
The Distance from Centroid Target #4 to Centroid Target #1:	0.091
The Distance from Centroid Target #5 to Centroid Target #1:	0.268

BARBER - M24 0150133

SERIAL NUMBER: G6410320. __0
 TARGET NUMBER: 1
 FILE DATE: 10/12/2004
 FILE TIME: 09:47

POINT#	X	Y
1:	0.572	0.958
2:	0.514	0.732
3:	1.058	0.957
4:	1.027	0.182
5:	0.221	0.337
6:	0.289	-0.085
7:	-0.594	0.614
8:	-0.643	-0.279
9:	-0.190	-0.230
10:	-0.284	-0.902

X CENTROID: 0.197
 Y CENTROID: 0.228
 POA TO CENTROID: 0.302
 HORZ SPREAD: 1.701
 VERT SPREAD: 1.860
 GROUP SPREAD: 2.293
 MIN RADIUS: 0.111
 MAX RADIUS: 1.228
 MEAN RADIUS: 0.750
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



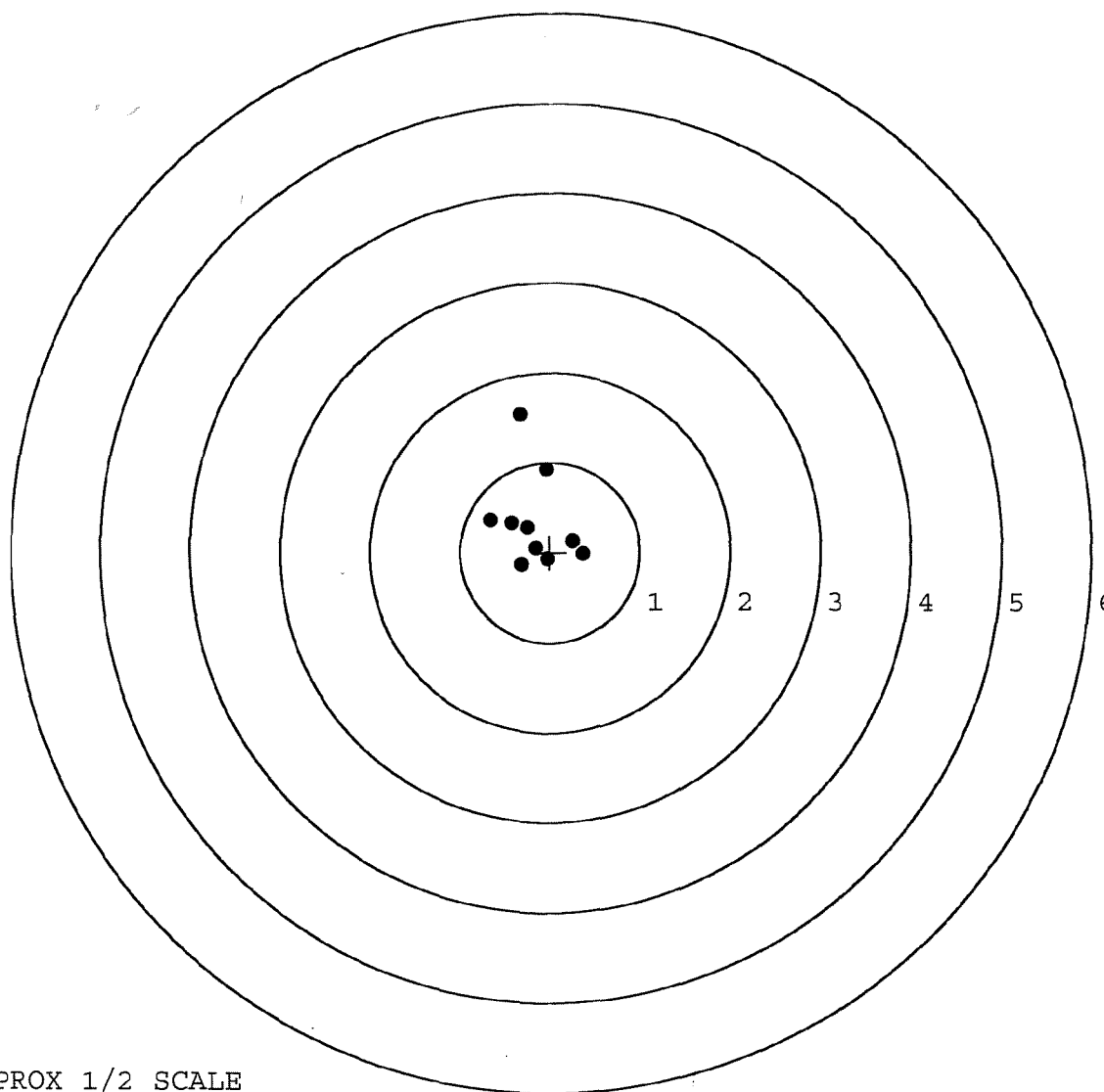
TARGET APPROX 1/2 SCALE

BARBER - M24 0150134

SERIAL NUMBER: G6410320. __0
 TARGET NUMBER: 2
 FILE DATE: 10/12/2004
 FILE TIME: 09:47

POINT#	X	Y
1:	-0.336	1.537
2:	-0.046	0.922
3:	-0.670	0.356
4:	-0.427	0.320
5:	0.257	0.125
6:	0.371	-0.026
7:	-0.033	-0.077
8:	-0.316	-0.139
9:	-0.158	0.052
10:	-0.255	0.276

X CENTROID: -0.161
 Y CENTROID: 0.335
 POA TO CENTROID: 0.371
 HORZ SPREAD: 1.041
 VERT SPREAD: 1.676
 GROUP SPREAD: 1.715
 MIN RADIUS: 0.111
 MAX RADIUS: 1.215
 MEAN RADIUS: 0.502
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

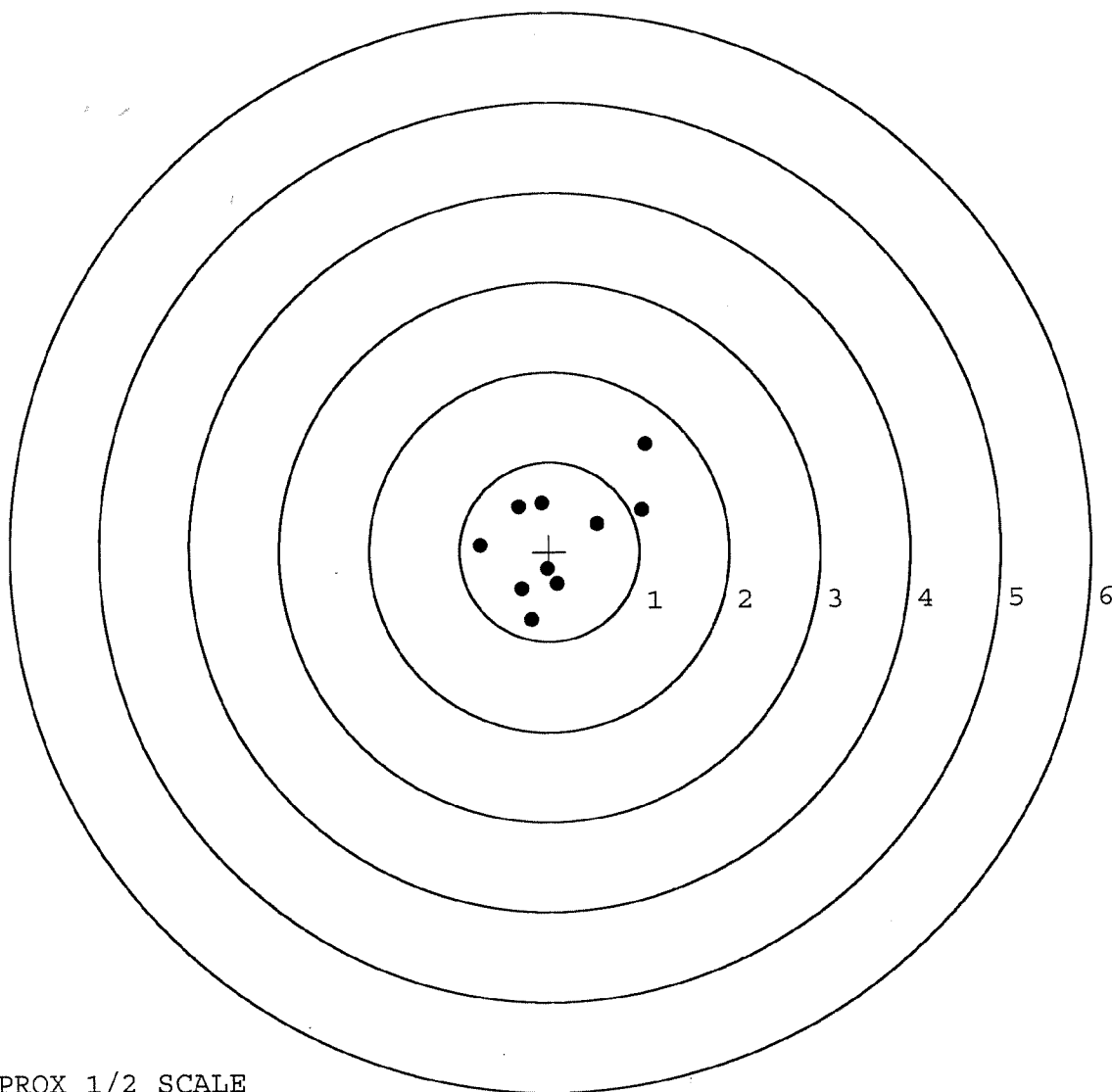


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410320. 0
 TARGET NUMBER: 3
 FILE DATE: 10/12/2004
 FILE TIME: 09:47

X CENTROID: 0.101
 Y CENTROID: 0.133
 POA TO CENTROID: 0.166
 HORZ SPREAD: 1.846
 VERT SPREAD: 1.952
 GROUP SPREAD: 2.332
 MIN RADIUS: 0.353
 MAX RADIUS: 1.435
 MEAN RADIUS: 0.726
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.073	1.188
2:	1.030	0.459
3:	0.537	0.300
4:	-0.081	0.540
5:	-0.334	0.501
6:	-0.773	0.077
7:	-0.026	-0.197
8:	0.093	-0.362
9:	-0.311	-0.417
10:	-0.202	-0.764



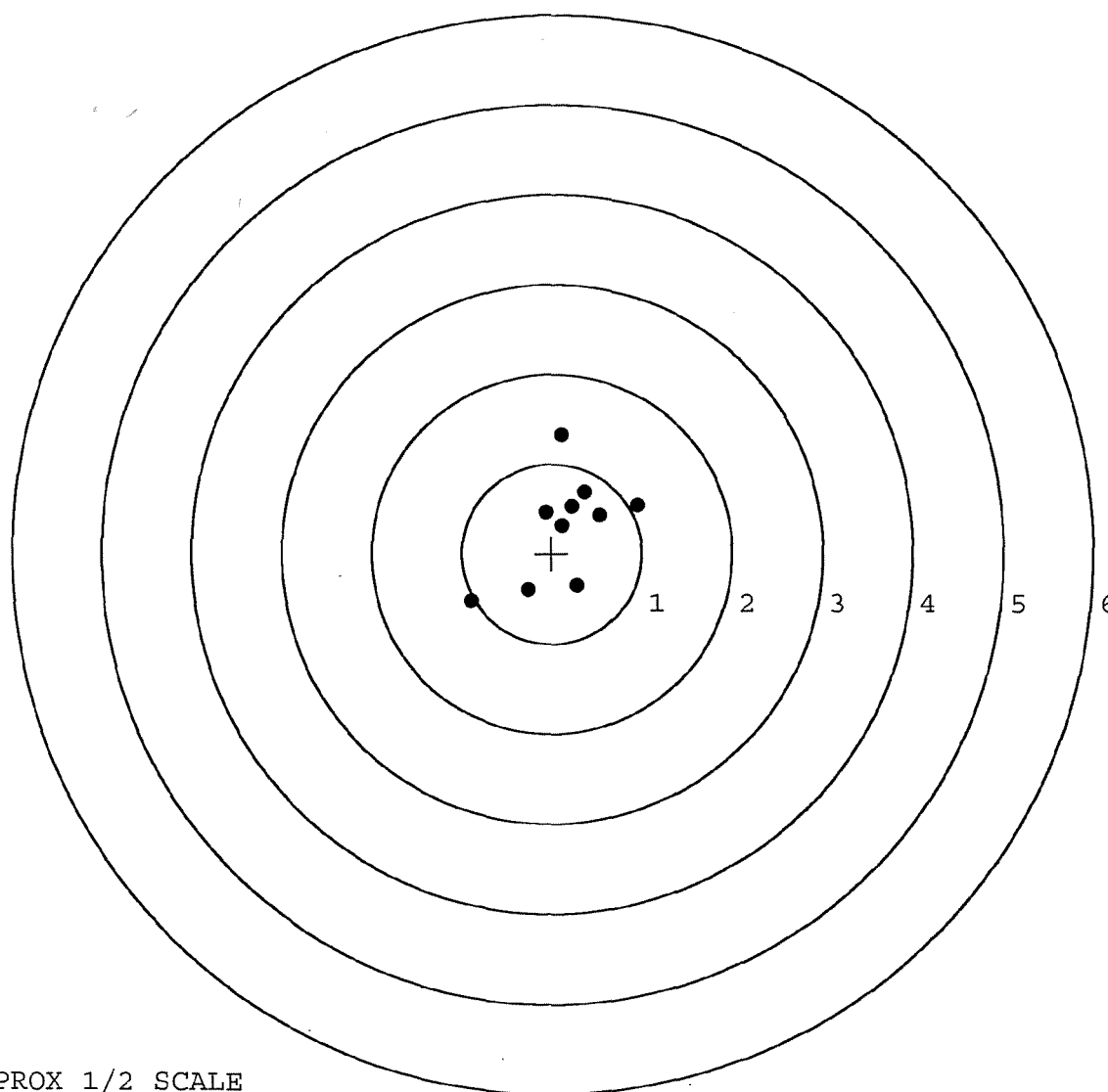
TARGET APPROX 1/2 SCALE

BARBER - M24 0150136

SERIAL NUMBER: G6410320. 0
 TARGET NUMBER: 4
 FILE DATE: 10/12/2004
 FILE TIME: 09:47

POINT#	X	Y
1:	0.110	1.320
2:	0.949	0.534
3:	0.363	0.682
4:	0.222	0.524
5:	0.531	0.424
6:	-0.072	0.458
7:	0.115	0.309
8:	-0.895	-0.534
9:	-0.266	-0.413
10:	0.286	-0.362

X CENTROID: 0.134
 Y CENTROID: 0.294
 POA TO CENTROID: 0.323
 HORZ SPREAD: 1.844
 VERT SPREAD: 1.854
 GROUP SPREAD: 2.131
 MIN RADIUS: 0.024
 MAX RADIUS: 1.321
 MEAN RADIUS: 0.608
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410320.0

TARGET NUMBER: 5

FILE DATE: 10/12/2004

FILE TIME: 09:47

POINT#	X	Y
1:	-0.601	0.173
2:	-0.919	-0.254
3:	-0.451	-0.204
4:	0.376	-0.797
5:	1.308	-0.758
6:	0.969	0.052
7:	0.620	0.071
8:	0.456	0.530
9:	0.083	0.553
10:	0.094	0.240

X CENTROID: 0.193

Y CENTROID: -0.039

POA TO CENTROID: 0.197

HORZ SPREAD: 2.227

VERT SPREAD: 1.350

GROUP SPREAD: 2.283

MIN RADIUS: 0.297

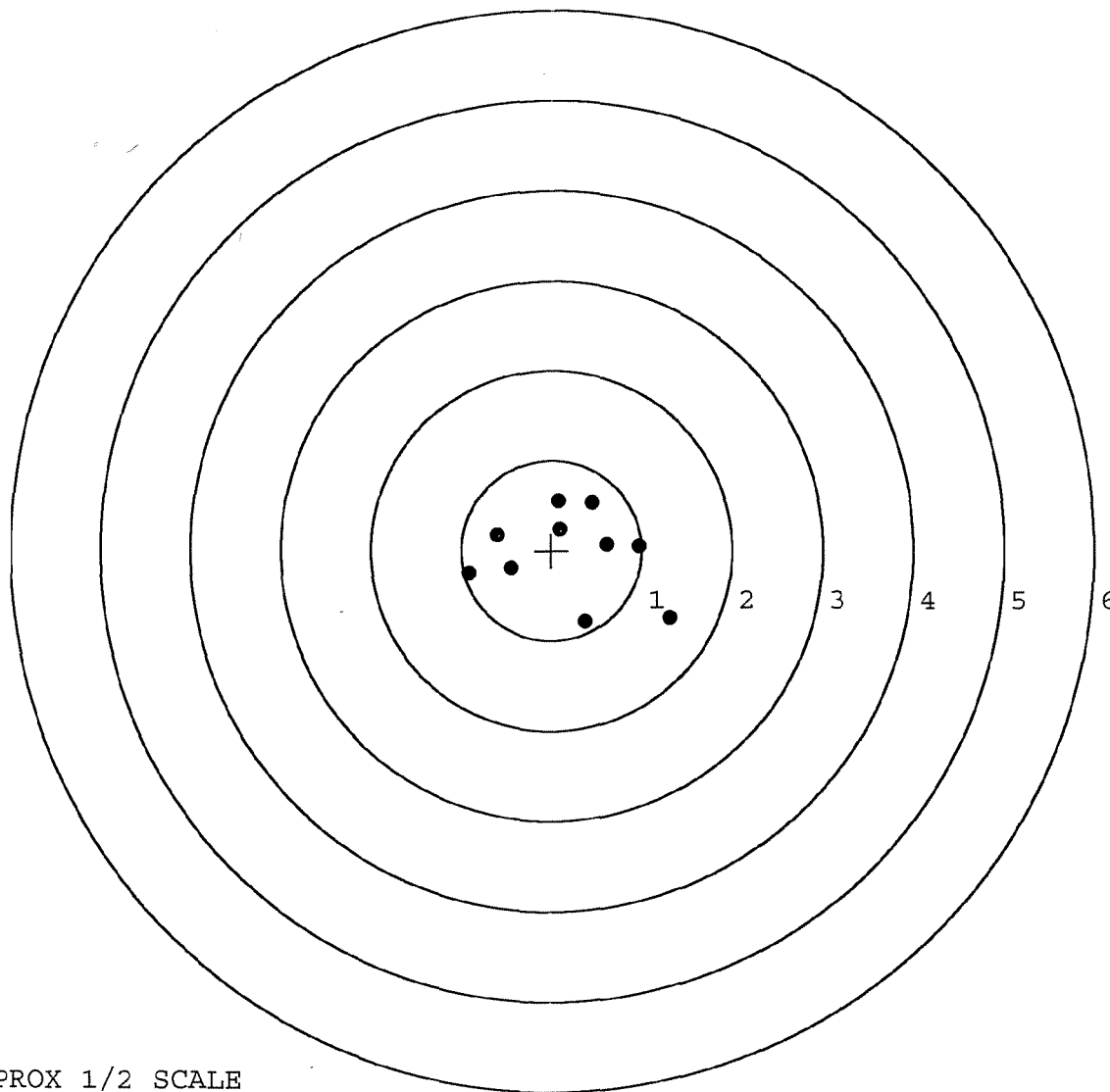
MAX RADIUS: 1.326

MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE