

6646 1737

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



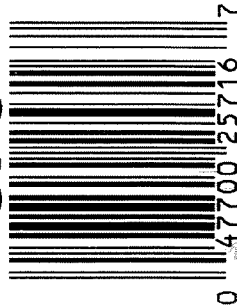
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461737

UPC



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



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461737

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-9-05	RTZ
440	PROOF		9-12-05	RTZ
460	CHECK HEADSPACE	MAGNA SPEC	9-13-05	RTZ
470	DIS-ASSEMBLE ACTION		9-13-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 MAGNAFLUX BOLT	9-14-05	und
500	ROLLMARK CALIBER		9-14-05	CW
510	DRILL AND TAP SIGHT HOLES		9-13-05	TRW
520	GOFF BLAST BBL / REC		9-19-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9-20	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-22-05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-22-05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-22-05	DA
	D) OIL FIRING PIN ASSEMBLY		9-23-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4.0</u> <u>4.0</u> <u>4.0</u>	10/22/05	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	10/22/05	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1025</u> <u>1024</u> <u>1024</u>	10/22/05	DA
	J) ASSEMBLE STOCK		9/23/05	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/24/05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-10-05	AC
	M) IRON SIGHT ALIGNMENT		10-10-05	AC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-10-05	AC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-11-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-13-05	SH
670	FINAL INSPECTION A) HEADSPACE		10/24/05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.65</u> <u>2.41</u> <u>2.50</u> <u>2.54</u> <u>2.79</u>	10-19-05	TRW
	C) FUNCTION		10/24/05	BC
690	PACK		10/25/05	DA

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

9-16-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.61		2.61	
PULL #2	2.54	2.69		2.46	
PULL #3	2.50	2.76		2.51	
PULL #4	2.50	2.76		2.44	
PULL #5	2.45	2.65		2.58	
TOTAL	12.55	13.47		12.60	
AVERAGE	2.51	2.69		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.69	3.45		
PULL #2	3.47	3.62		
PULL #3	3.53	3.51		
PULL #4	3.51	3.31		
PULL #5	3.46	3.32		
TOTAL	17.66	17.21		
AVERAGE	3.53	3.44		

	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	4.66	4.39		4.43
PULL #2	4.64	4.51		4.45
PULL #3	4.48	4.17		4.33
PULL #4	4.10	4.23		4.42
PULL #5	4.36	4.21		4.43
TOTAL	22.24	21.51		22.06
AVERAGE	4.44	4.30		4.41

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

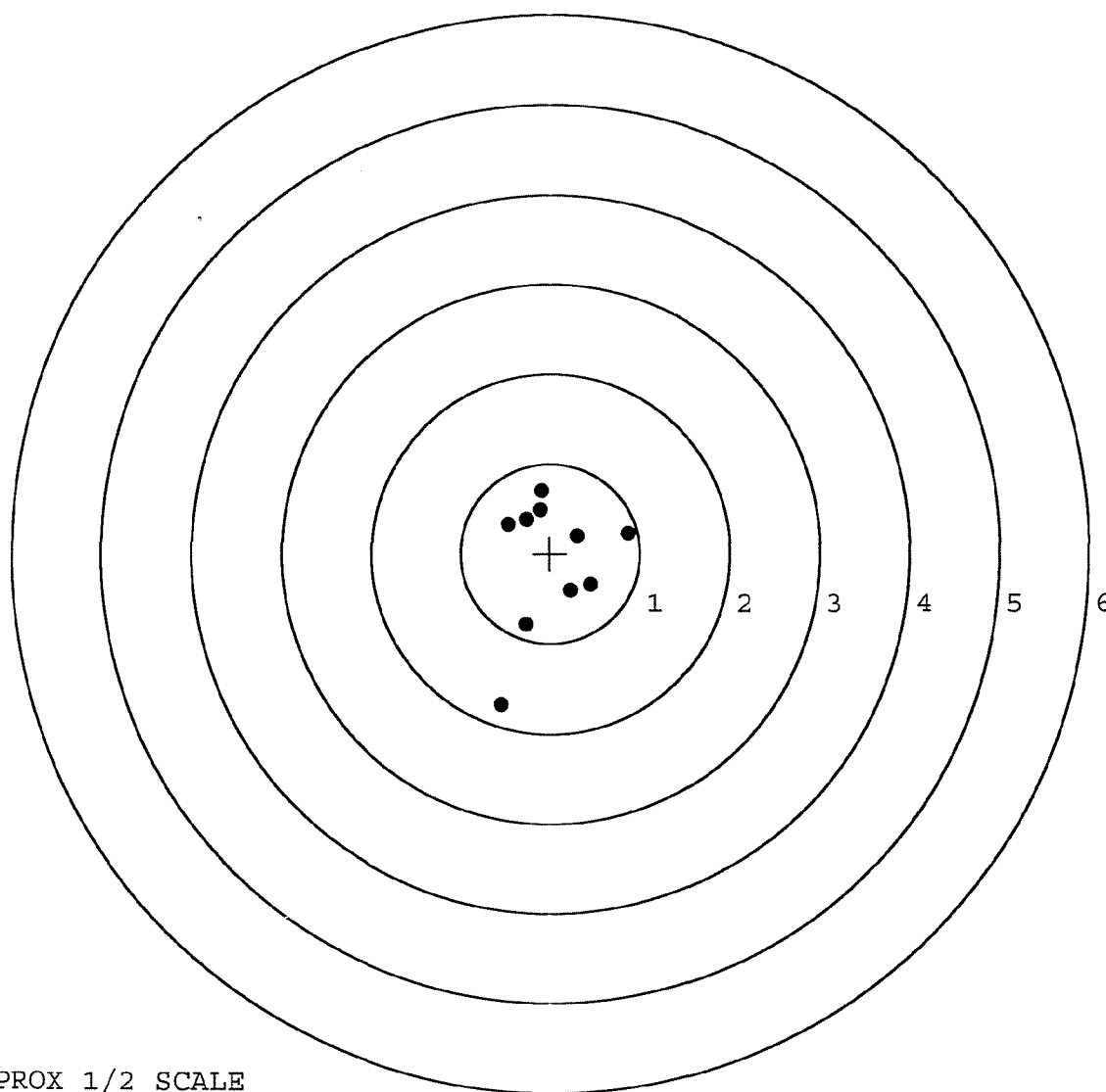
FIREARM SERIAL NUMBER / DATASET NAME: G6461737.__0
FILE DATE AND TIME: 10/11/2005 18:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.037
The Average Y Centroid of the Five Target Set:	-0.119
The Average Point of Impact of the Five Target Set:	0.125
The Average Mean Radius of the Five Target Set:	0.747
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.341
The Distance from Centroid Target #3 to Centroid Target #1:	0.282
The Distance from Centroid Target #4 to Centroid Target #1:	0.104
The Distance from Centroid Target #5 to Centroid Target #1:	0.126

BARBER - M24 0155500

SERIAL NUMBER: G6461737.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.228	-0.415
FILE DATE: 10/11/2005	2:	0.452	-0.353
FILE TIME: 18:07	3:	0.868	0.224
	4:	0.298	0.197
X CENTROID: 0.006	5:	-0.104	0.697
Y CENTROID: -0.094	6:	-0.115	0.483
POA TO CENTROID: 0.094	7:	-0.273	0.380
HORZ SPREAD: 1.421	8:	-0.476	0.326
VERT SPREAD: 2.379	9:	-0.268	-0.797
GROUP SPREAD: 2.421	10:	-0.553	-1.682
MIN RADIUS: 0.390			
MAX RADIUS: 1.683			
MEAN RADIUS: 0.725			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 9			



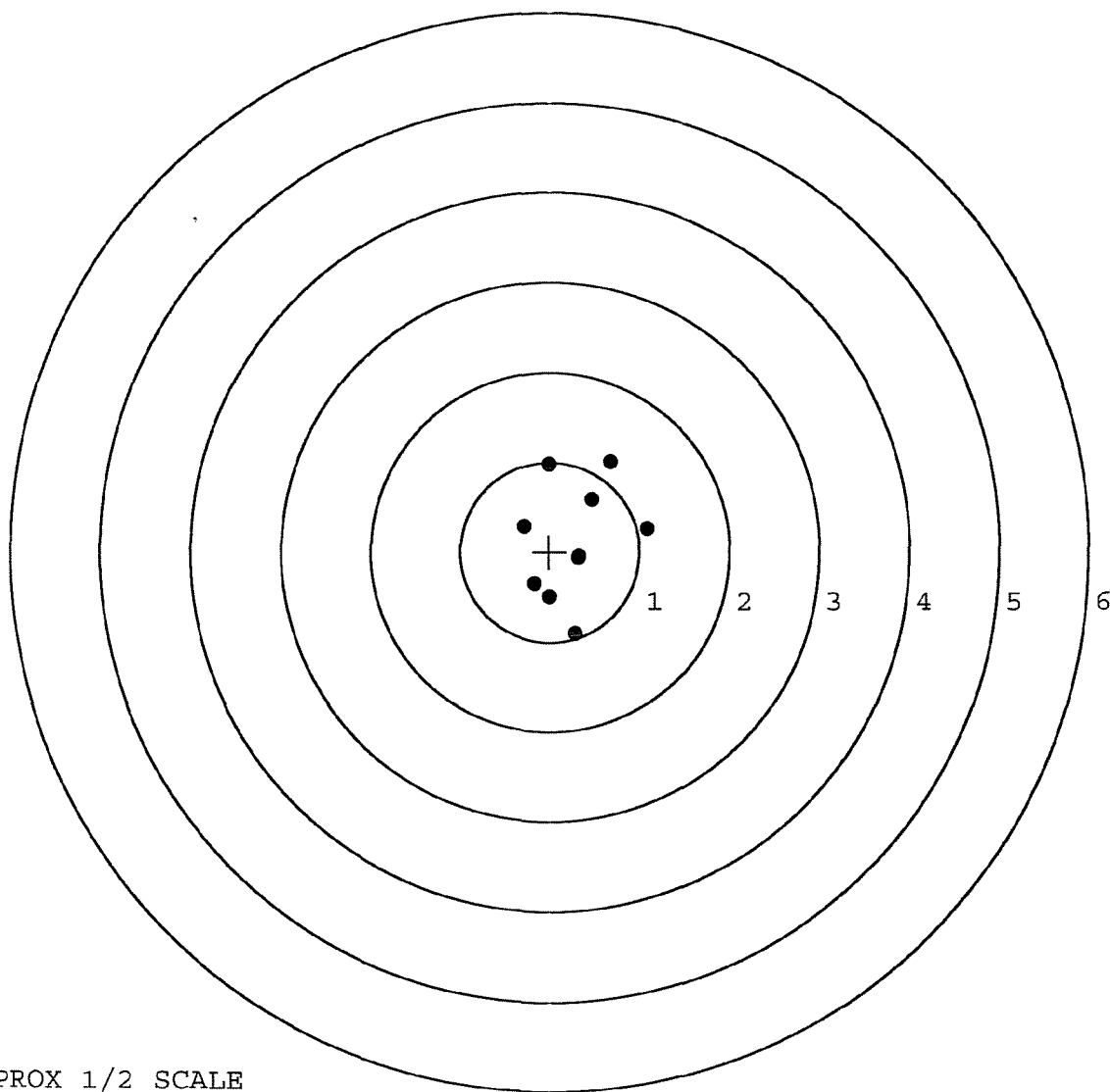
TARGET APPROX 1/2 SCALE

BARBER - M24 0155501

SERIAL NUMBER: G6461737. __0
 TARGET NUMBER: 2
 FILE DATE: 10/11/2005
 FILE TIME: 18:07

POINT#	X	Y
1:	0.002	-0.502
2:	-0.169	-0.357
3:	0.282	-0.908
4:	0.329	-0.048
5:	-0.291	0.286
6:	-0.012	0.976
7:	0.676	1.004
8:	0.472	0.582
9:	1.082	0.254
10:	0.321	-0.069

X CENTROID: 0.269
 Y CENTROID: 0.122
 POA TO CENTROID: 0.295
 HORZ SPREAD: 1.373
 VERT SPREAD: 1.912
 GROUP SPREAD: 1.952
 MIN RADIUS: 0.180
 MAX RADIUS: 1.030
 MEAN RADIUS: 0.652
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



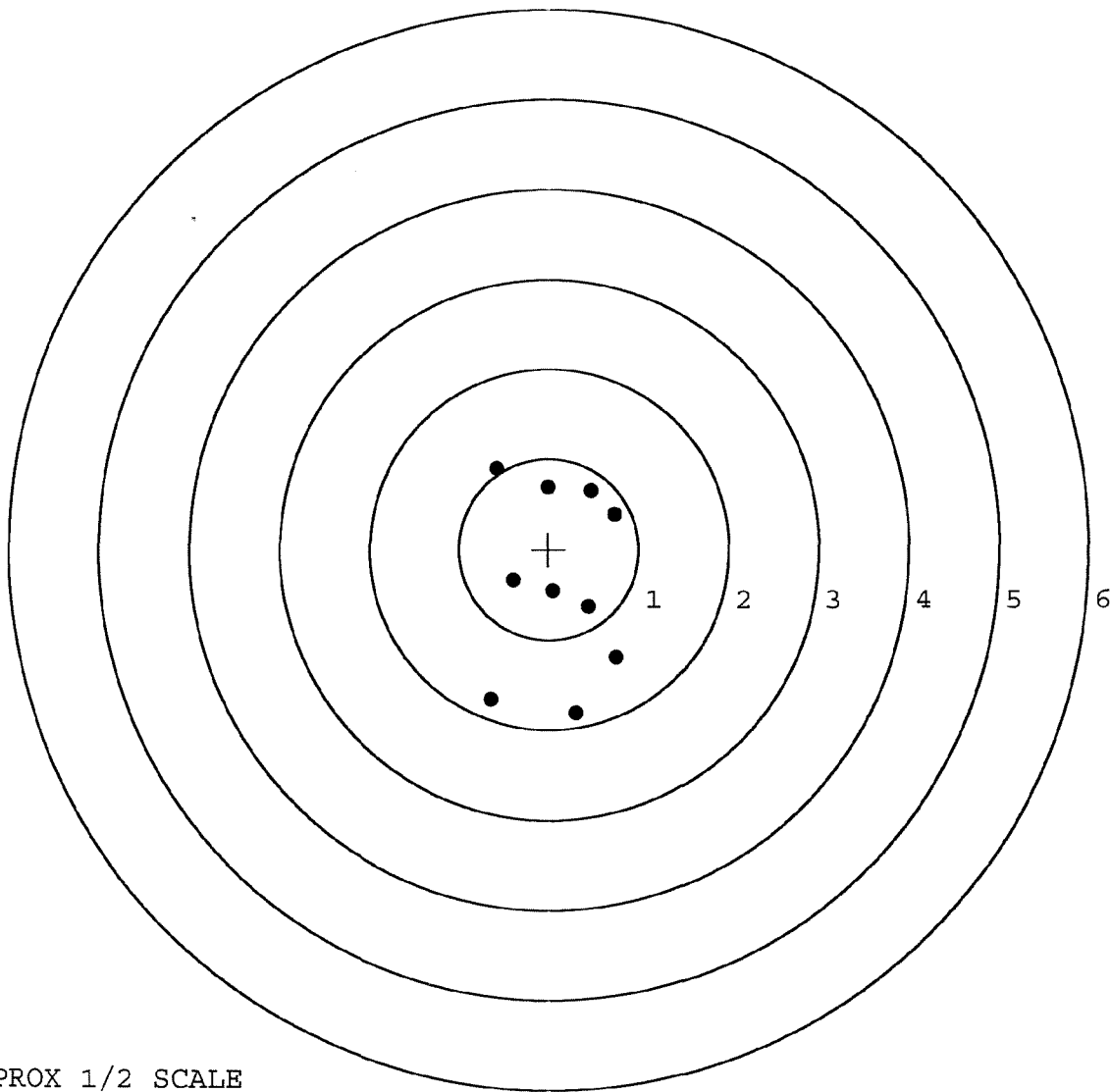
TARGET APPROX 1/2 SCALE

BARBER - M24 0155502

SERIAL NUMBER: G6461737. __ 0
 TARGET NUMBER: 3
 FILE DATE: 10/11/2005
 FILE TIME: 18:07

POINT#	X	Y
1:	0.443	-0.637
2:	0.049	-0.465
3:	-0.394	-0.344
4:	-0.650	-1.670
5:	0.300	-1.826
6:	0.751	-1.204
7:	0.732	0.382
8:	0.471	0.643
9:	-0.579	0.887
10:	-0.010	0.682

X CENTROID: 0.111
 Y CENTROID: -0.355
 POA TO CENTROID: 0.372
 HORZ SPREAD: 1.401
 VERT SPREAD: 2.713
 GROUP SPREAD: 2.570
 MIN RADIUS: 0.126
 MAX RADIUS: 1.519
 MEAN RADIUS: 0.962
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0155503

SERIAL NUMBER: G6461737. __0

TARGET NUMBER: 4

FILE DATE: 10/11/2005

FILE TIME: 18:07

POINT#	X	Y
1:	-0.180	0.207
2:	0.137	0.153
3:	0.186	0.323
4:	0.188	0.516
5:	-0.038	0.369
6:	-0.620	-0.234
7:	-0.020	-0.787
8:	0.438	-1.160
9:	0.210	-1.387
10:	-1.152	0.545

X CENTROID: -0.085

Y CENTROID: -0.145

POA TO CENTROID: 0.169

HORZ SPREAD: 1.590

VERT SPREAD: 1.932

GROUP SPREAD: 2.364

MIN RADIUS: 0.365

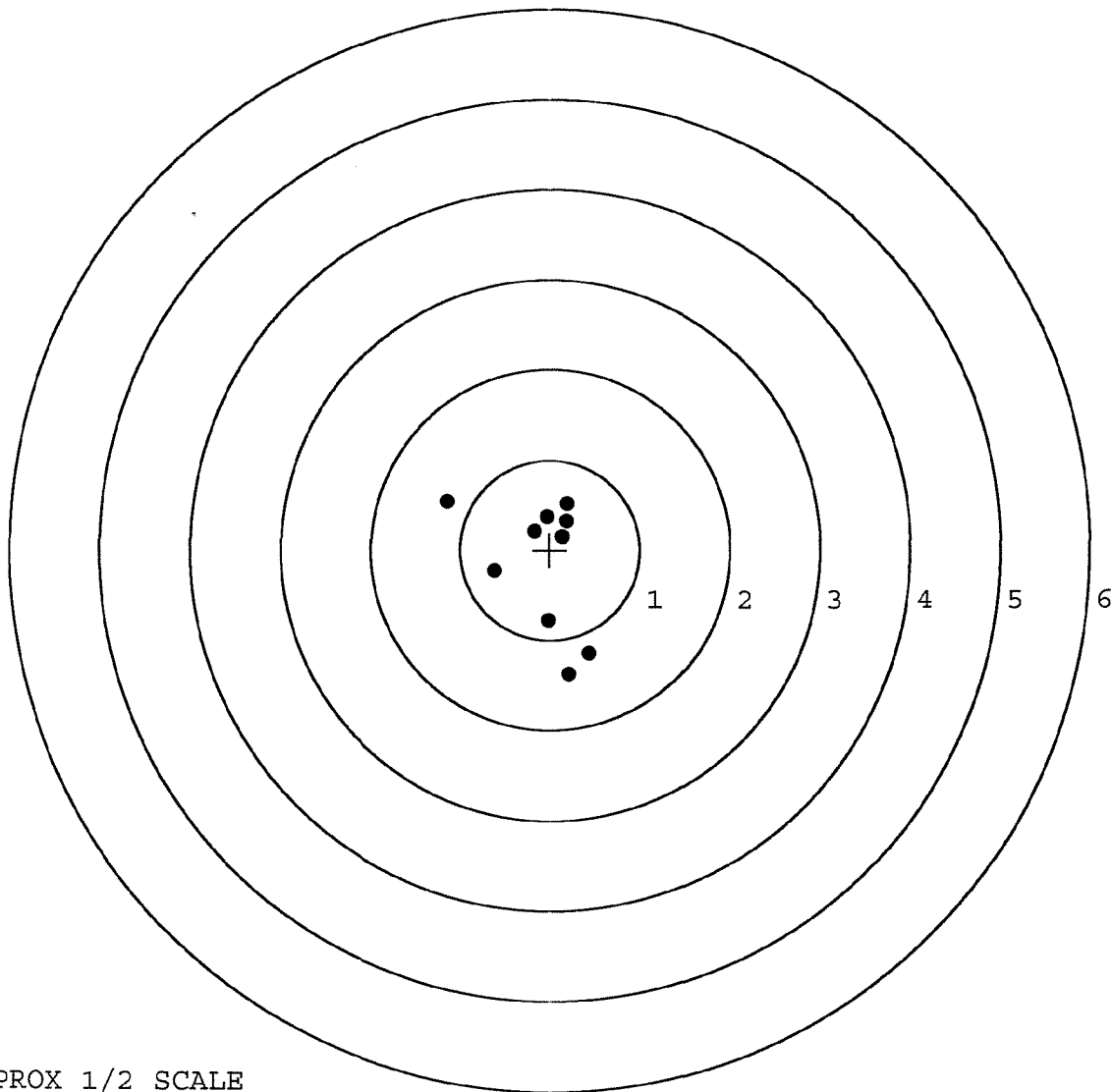
MAX RADIUS: 1.276

MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



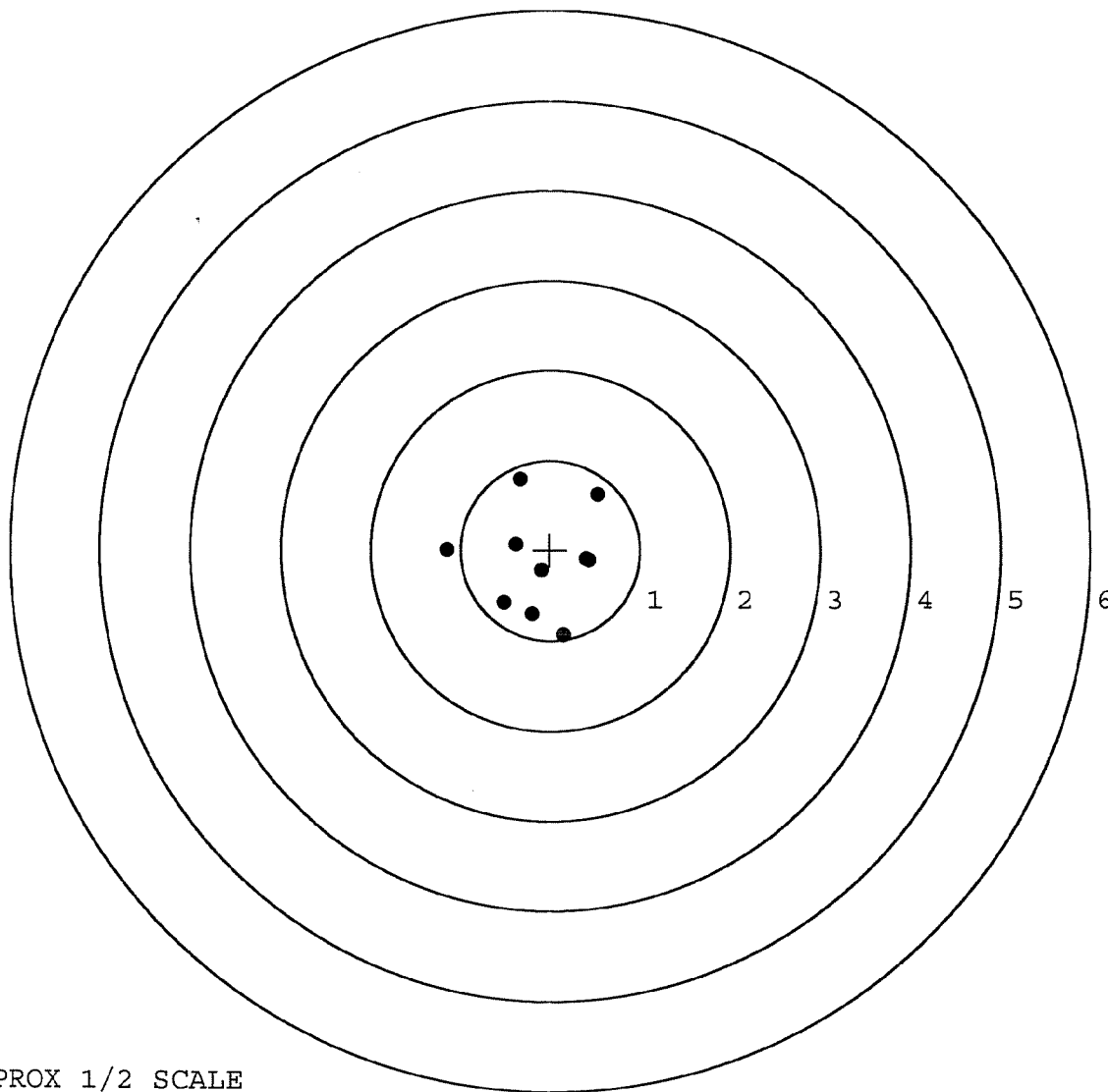
TARGET APPROX 1/2 SCALE

BARBER - M24 0155504

SERIAL NUMBER: G6461737. __0
 TARGET NUMBER: 5
 FILE DATE: 10/11/2005
 FILE TIME: 18:07

POINT#	X	Y
1:	0.401	-0.102
2:	-0.098	-0.230
3:	-0.203	-0.718
4:	-0.517	-0.589
5:	0.152	-0.944
6:	-0.382	0.061
7:	0.430	-0.115
8:	-1.150	-0.001
9:	-0.338	0.792
10:	0.529	0.626

X CENTROID: -0.118
 Y CENTROID: -0.122
 POA TO CENTROID: 0.169
 HORZ SPREAD: 1.679
 VERT SPREAD: 1.736
 GROUP SPREAD: 1.792
 MIN RADIUS: 0.110
 MAX RADIUS: 1.039
 MEAN RADIUS: 0.655
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE