

G6521404

ORDER 25716

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

UPC



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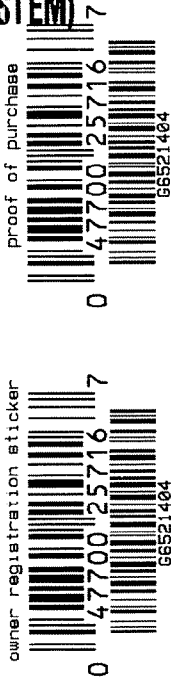
SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM

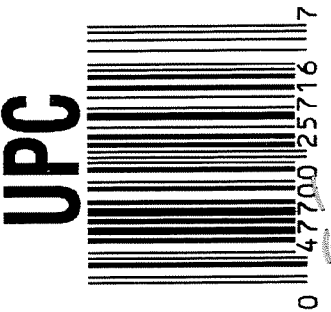


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6521404



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521404

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-26-06	RTZ
440	PROOF		1-26-06	A
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-26-06	A
470	DIS-ASSEMBLE ACTION		1-27-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP # 480 JAN 30 2006 OPERATOR <u>CPD</u>	1-30-06	APD
500	ROLLMARK CALIBER		1-30-06	CW
510	DRILL AND TAP SIGHT HOLES		1-27-06	TRW
520	GOFF BLAST BBL / REC		1-31-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		2/6/06	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		2/17/06	mqd
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2/17/06	mqd
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2/17/06	mqd
	D) OIL FIRING PIN ASSEMBLY		2-9-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

REV-8405

OP #	OPERATION NAME	BARBER - M24 0100363	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>	3-15-06	RA		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	3-15-06	RA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.024</u>	<u>.024</u>	3-15-06	RA		
	J) ASSEMBLE STOCK					2-9-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS					3/15/06	MJD		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					2-9-06	RTZ		
	M) IRON SIGHT ALIGNMENT					2-9-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					2-9-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL		2/13/06	MJD		
			PASS	FAIL					
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					2-13-06	MJM		
670	FINAL INSPECTION A) HEADSPACE					3/15/06	MJD		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.27</u>	<u>2.16</u>	<u>2.17</u>	<u>2.23</u>	<u>2.15</u>	2-22-06	MJM
	C) FUNCTION					3/15/06	MJD		
690	PACK					3-22-06	RA		

BARBER - M24 0100364
**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 2-9-06

 TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	251	249		2.50	
PULL #2	257	235		2.45	
PULL #3	260	234		2.49	
PULL #4	248	241		2.55	
PULL #5	230	234		2.51	
TOTAL	1246	1193		12.50	
AVERAGE	249	238		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	310	310		
PULL #2	311	310		
PULL #3	307	315		
PULL #4	316	310		
PULL #5	316	318		
TOTAL	1560	1563		
AVERAGE	312	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	418		4.02
PULL #2	405	418		4.10
PULL #3	399	420		4.07
PULL #4	397	415		3.97
PULL #5	396	417		4.08
TOTAL	2008	2088		20.24
AVERAGE	401	417		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521404.___0
FILE DATE AND TIME: 02/13/2006 15:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.113
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.580
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.089
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.042
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

BARBER - M24 0100366

SERIAL NUMBER: G6521404. __ 0

TARGET NUMBER: 1

FILE DATE: 02/13/2006

FILE TIME: 15:33

POINT#	X	Y
1:	-0.067	0.413
2:	0.182	0.959
3:	-0.288	0.941
4:	-0.219	-0.053
5:	0.187	-0.180
6:	0.038	-0.593
7:	-0.775	-0.437
8:	-0.768	-1.330
9:	0.626	-1.169
10:	0.044	0.656

X CENTROID: -0.104

Y CENTROID: -0.079

POA TO CENTROID: 0.131

HORZ SPREAD: 1.401

VERT SPREAD: 2.289

GROUP SPREAD: 2.478

MIN RADIUS: 0.118

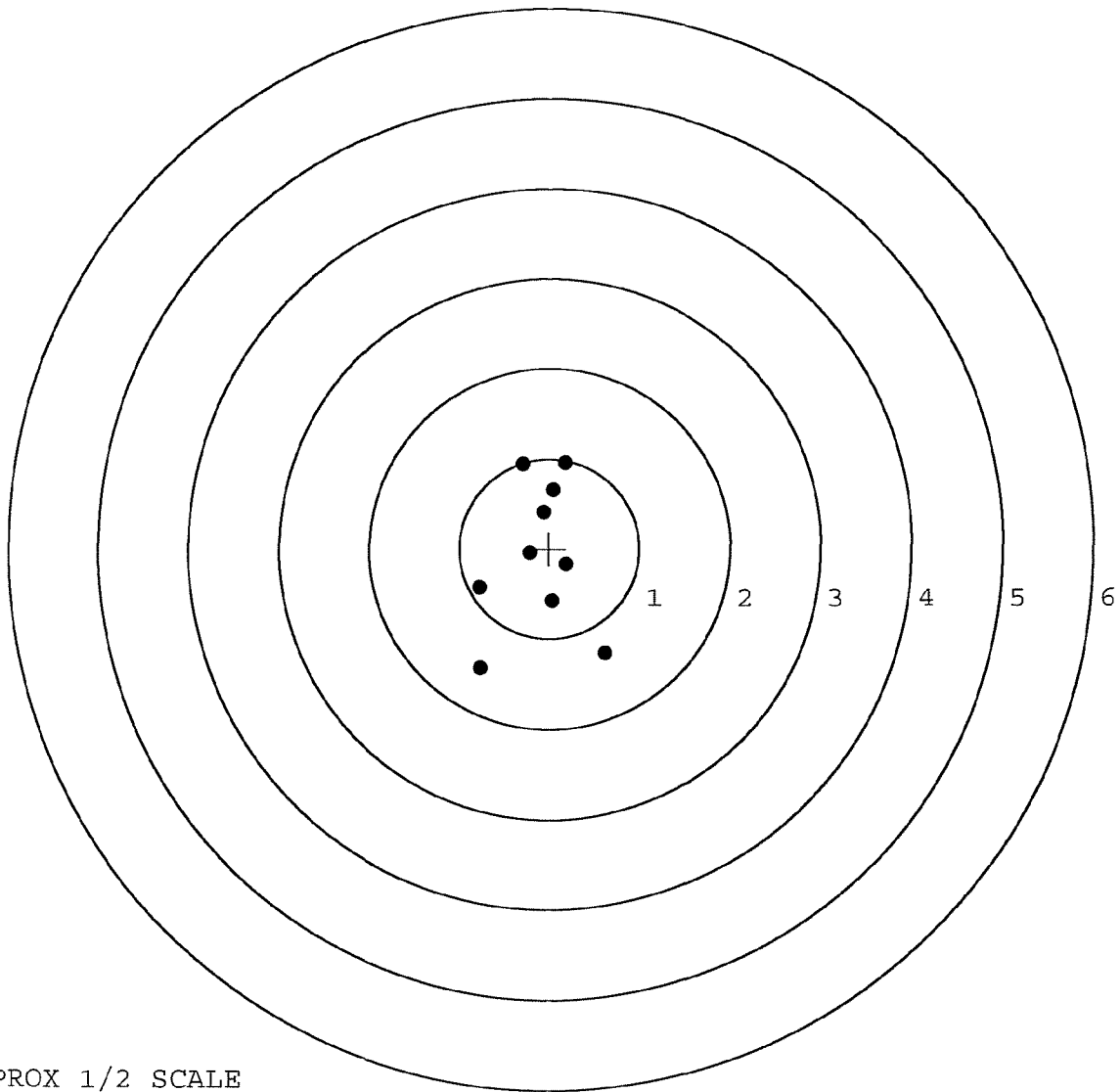
MAX RADIUS: 1.416

MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100367

SERIAL NUMBER: G6521404. __0

TARGET NUMBER: 2

FILE DATE: 02/13/2006

FILE TIME: 15:33

POINT#	X	Y
1:	0.127	-0.775
2:	-0.182	-0.423
3:	-0.150	-0.919
4:	-0.710	0.203
5:	-1.228	0.018
6:	0.001	0.493
7:	-0.170	0.265
8:	0.444	0.203
9:	0.883	0.235
10:	0.545	0.564

X CENTROID: -0.044

Y CENTROID: -0.014

POA TO CENTROID: 0.046

HORZ SPREAD: 2.111

VERT SPREAD: 1.483

GROUP SPREAD: 2.122

MIN RADIUS: 0.306

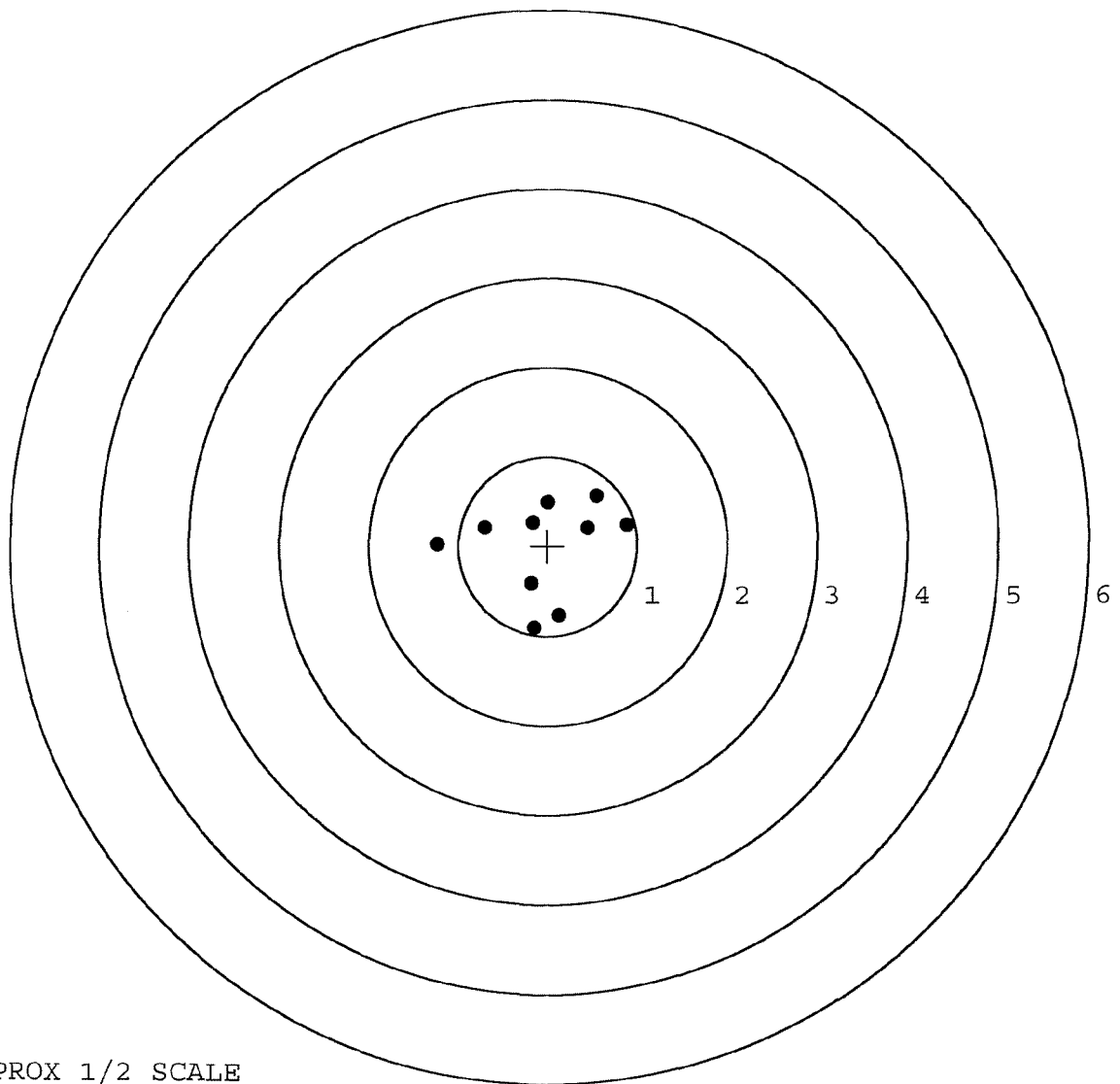
MAX RADIUS: 1.184

MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



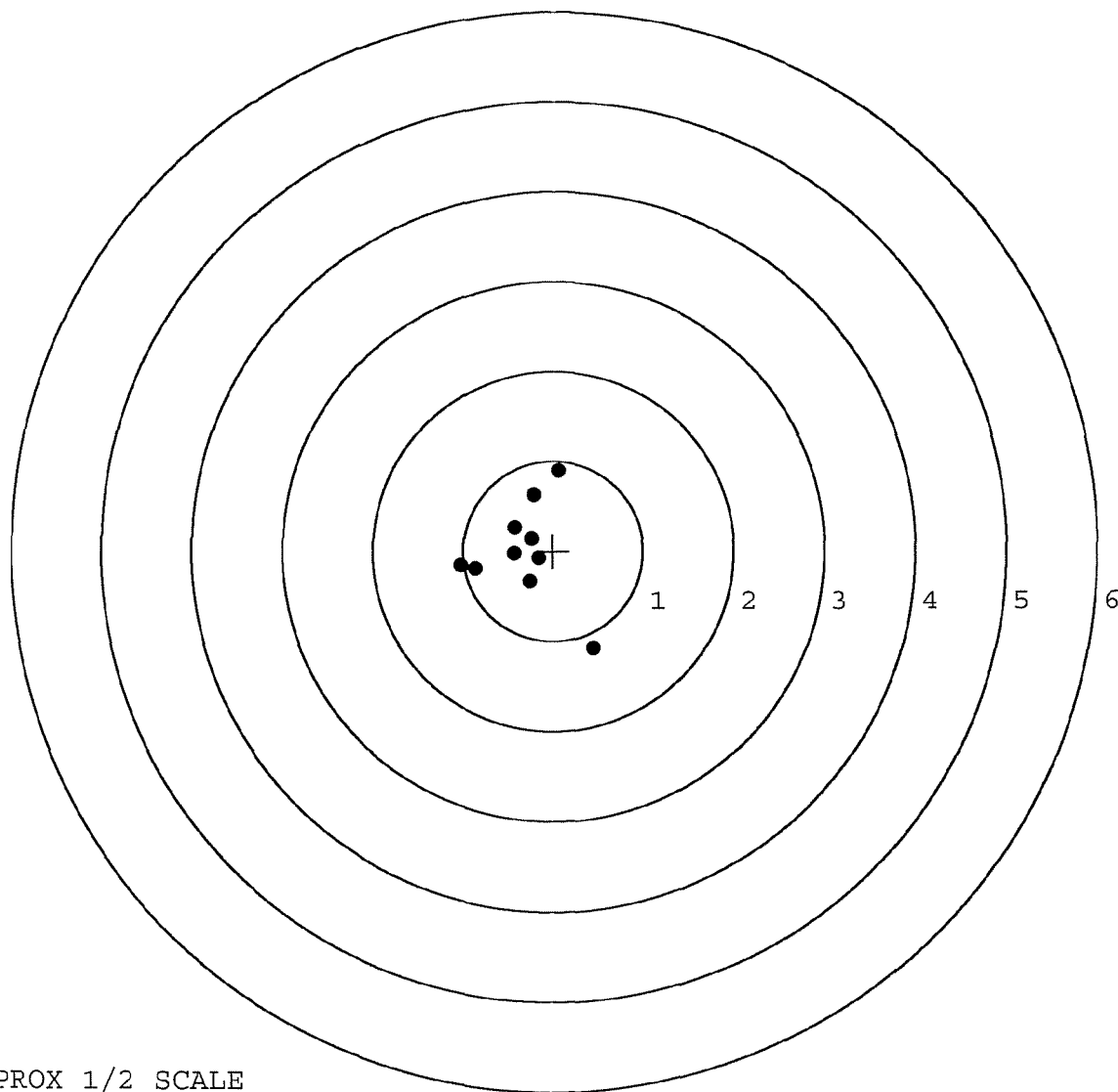
TARGET APPROX 1/2 SCALE

BARBER - M24 0100368

SERIAL NUMBER: G6521404. __0
 TARGET NUMBER: 3
 FILE DATE: 02/13/2006
 FILE TIME: 15:33

POINT#	X	Y
1:	-0.258	-0.341
2:	-0.156	-0.085
3:	-0.860	-0.197
4:	-1.021	-0.165
5:	0.063	0.887
6:	-0.219	0.622
7:	-0.430	0.263
8:	-0.244	0.134
9:	-0.433	-0.027
10:	0.457	-1.080

X CENTROID: -0.310
 Y CENTROID: 0.001
 POA TO CENTROID: 0.310
 HORZ SPREAD: 1.478
 VERT SPREAD: 1.967
 GROUP SPREAD: 2.006
 MIN RADIUS: 0.126
 MAX RADIUS: 1.326
 MEAN RADIUS: 0.531
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



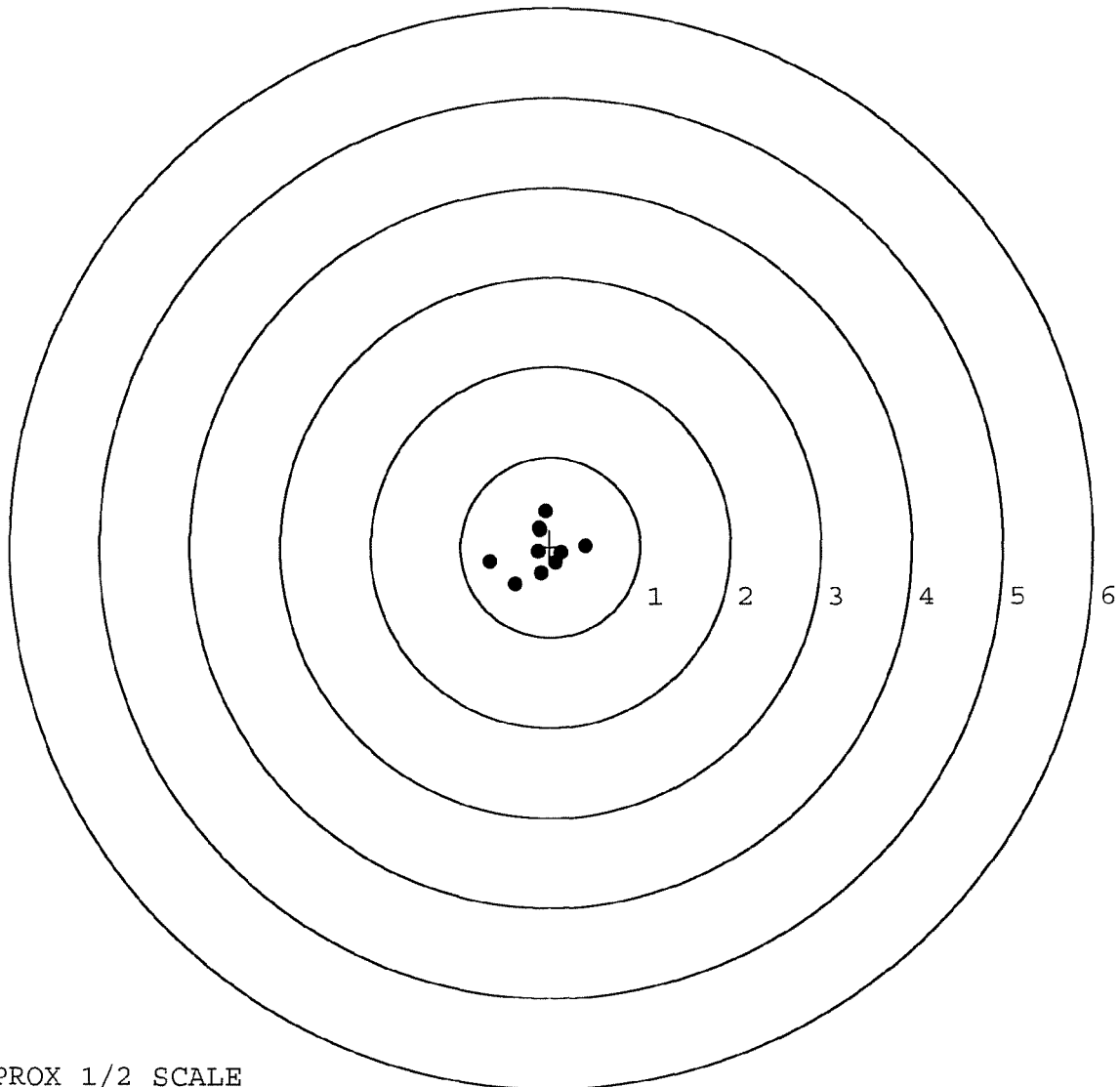
TARGET APPROX 1/2 SCALE

BARBER - M24 0100369

SERIAL NUMBER: G6521404. __0
TARGET NUMBER: 4
FILE DATE: 02/13/2006
FILE TIME: 15:33

POINT#	X	Y
1:	0.395	0.014
2:	-0.059	0.396
3:	-0.131	0.208
4:	-0.671	-0.165
5:	-0.392	-0.415
6:	-0.105	-0.295
7:	0.062	-0.176
8:	-0.137	-0.056
9:	-0.126	0.187
10:	0.122	-0.068

X CENTROID: -0.104
Y CENTROID: -0.037
POA TO CENTROID: 0.111
HORZ SPREAD: 1.066
VERT SPREAD: 0.811
GROUP SPREAD: 1.081
MIN RADIUS: 0.038
MAX RADIUS: 0.581
MEAN RADIUS: 0.321
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



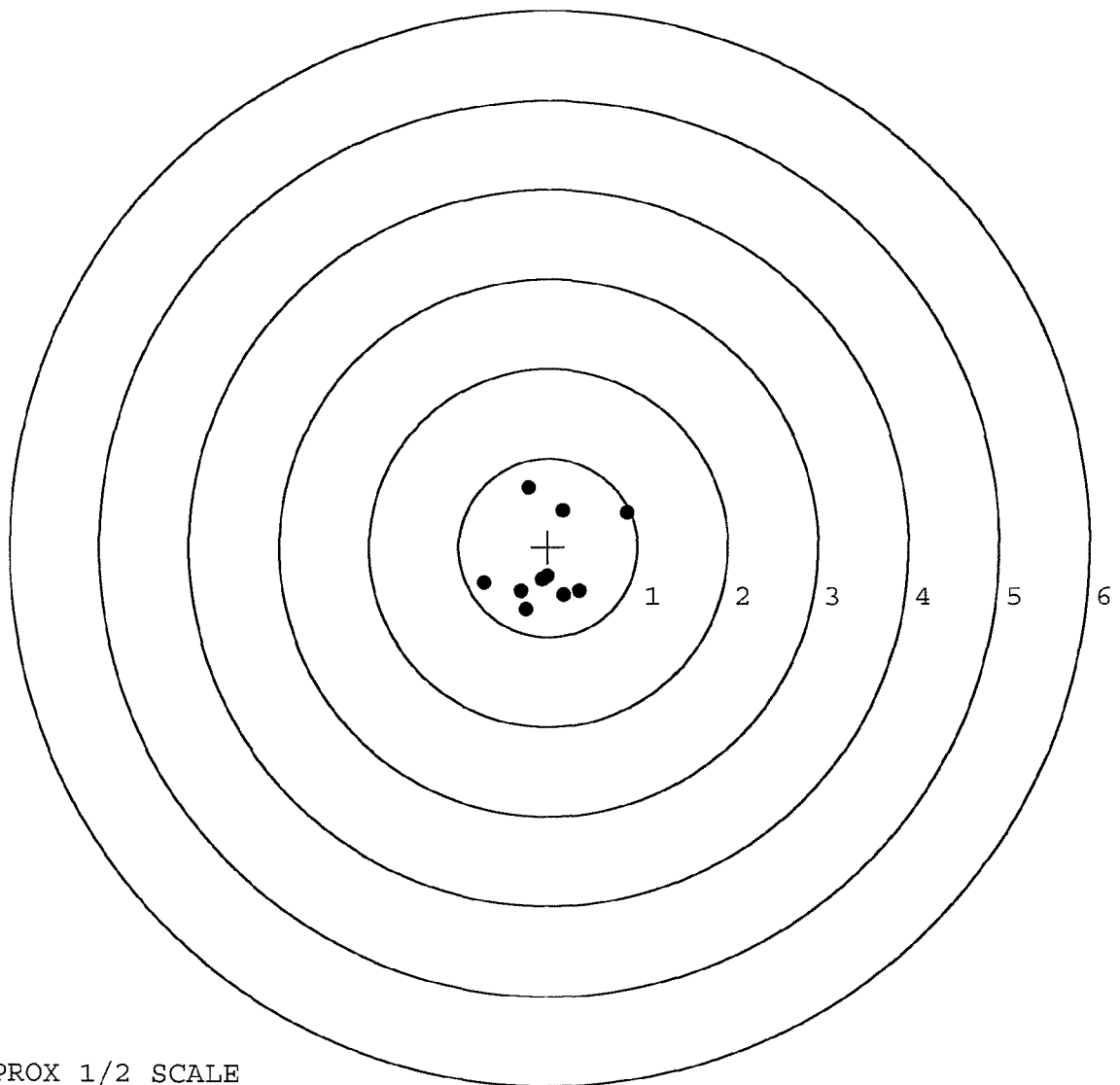
TARGET APPROX 1/2 SCALE

BARBER - M24 0100370

SERIAL NUMBER: G6521404. 0
 TARGET NUMBER: 5
 FILE DATE: 02/13/2006
 FILE TIME: 15:33

POINT#	X	Y
1:	0.164	0.413
2:	-0.224	0.670
3:	0.882	0.392
4:	0.349	-0.491
5:	0.174	-0.542
6:	-0.013	-0.328
7:	-0.720	-0.402
8:	-0.249	-0.701
9:	-0.303	-0.497
10:	-0.070	-0.372

X CENTROID: -0.001
 Y CENTROID: -0.186
 POA TO CENTROID: 0.186
 HORZ SPREAD: 1.602
 VERT SPREAD: 1.371
 GROUP SPREAD: 1.788
 MIN RADIUS: 0.143
 MAX RADIUS: 1.055
 MEAN RADIUS: 0.552
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE