

G652 1387

ORDER 25716

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

UPC



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UPC



SERIAL NO.



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

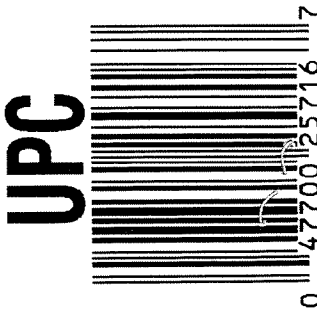
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6521387



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521387

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-12-06	RTZ
440	PROOF		1-12-06	AC
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-12-06	AC
470	DIS-ASSEMBLE ACTION		1-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	JAN 13 2006 480 OPERATOR <i>unus</i>	1/18/06	<i>unus</i>
500	ROLLMARK CALIBER		1-18-06	CW
510	DRILL AND TAP SIGHT HOLES		1-16-06	TRW
520	GOFF BLAST BBL / REC		1-18-06	DS
530 & 540	APPLY COATINGS (BARREL ACTION)		1/19	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		2-8-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-8-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-8-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		2-8-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	3/7/06	MPD

REV-8405

OP #	OPERATION NAME	BARBER M24 0151	READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.0</u>	<u>6.5</u>	<u>6.5</u>	2-15-06	TRW		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.75</u>	<u>2.25</u>	<u>2.25</u>	2-15-06	TRW		
	H) TRIGGER PULL TEST AND RETAINABILITY					3/7/06	MJD		
	I) FIRING PIN INDENT	.020 MIN	<u>.022</u>	<u>.022</u>	<u>.022</u>				
	J) ASSEMBLE STOCK					2-8-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS					3/7/06	MJD		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					2-8-06	RTZ		
	M) IRON SIGHT ALIGNMENT					2-8-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					2-8-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		2-9-06	TRW		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					2-9-06	JA		
670	FINAL INSPECTION A) HEADSPACE					3/7/06	MJD		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u>	<u>2.74</u>	<u>2.79</u>	<u>2.73</u>	<u>2.21</u>	2-15-06	TRW
	C) FUNCTION					3/7/06	MJD		
690	PACK					3-24-06	DA		

BARBER - M24 0100152
**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 2-8-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.51	2.67		2.59	
PULL #2	2.47	2.60		2.56	
PULL #3	2.61	2.58		2.55	
PULL #4	2.60	2.62		2.58	
PULL #5	2.63	2.36		2.54	
TOTAL	12.82	12.83		12.82	
AVERAGE	2.56	2.56		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.28		
PULL #2	3.11	3.18		
PULL #3	3.06	3.22		
PULL #4	3.18	3.21		
PULL #5	3.17	3.22		
TOTAL	15.63	16.11		
AVERAGE	3.12	3.22		

	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	4.15	4.33		4.18
PULL #2	4.14	4.19		4.29
PULL #3	4.16	4.27		4.20
PULL #4	4.31	4.02		4.17
PULL #5	4.19	4.18		4.15
TOTAL	20.95	20.99		20.99
AVERAGE	4.19	4.19		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521387.___0

FILE DATE AND TIME: 02/09/2006 07:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.777
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.137
The Distance from Centroid Target #3 to Centroid Target #1:	0.172
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.129

BARBER - M24 0100154

SERIAL NUMBER: G6521387. __0

TARGET NUMBER: 1

FILE DATE: 02/09/2006

FILE TIME: 07:41

POINT#	X	Y
1:	0.806	-0.786
2:	0.582	-0.694
3:	0.772	-0.057
4:	0.061	-0.044
5:	0.102	0.605
6:	-0.400	-0.060
7:	-0.649	0.364
8:	-0.569	1.114
9:	-0.506	-0.765
10:	-0.286	-0.886

X CENTROID: -0.009

Y CENTROID: -0.121

POA TO CENTROID: 0.121

HORZ SPREAD: 1.455

VERT SPREAD: 2.000

GROUP SPREAD: 2.345

MIN RADIUS: 0.104

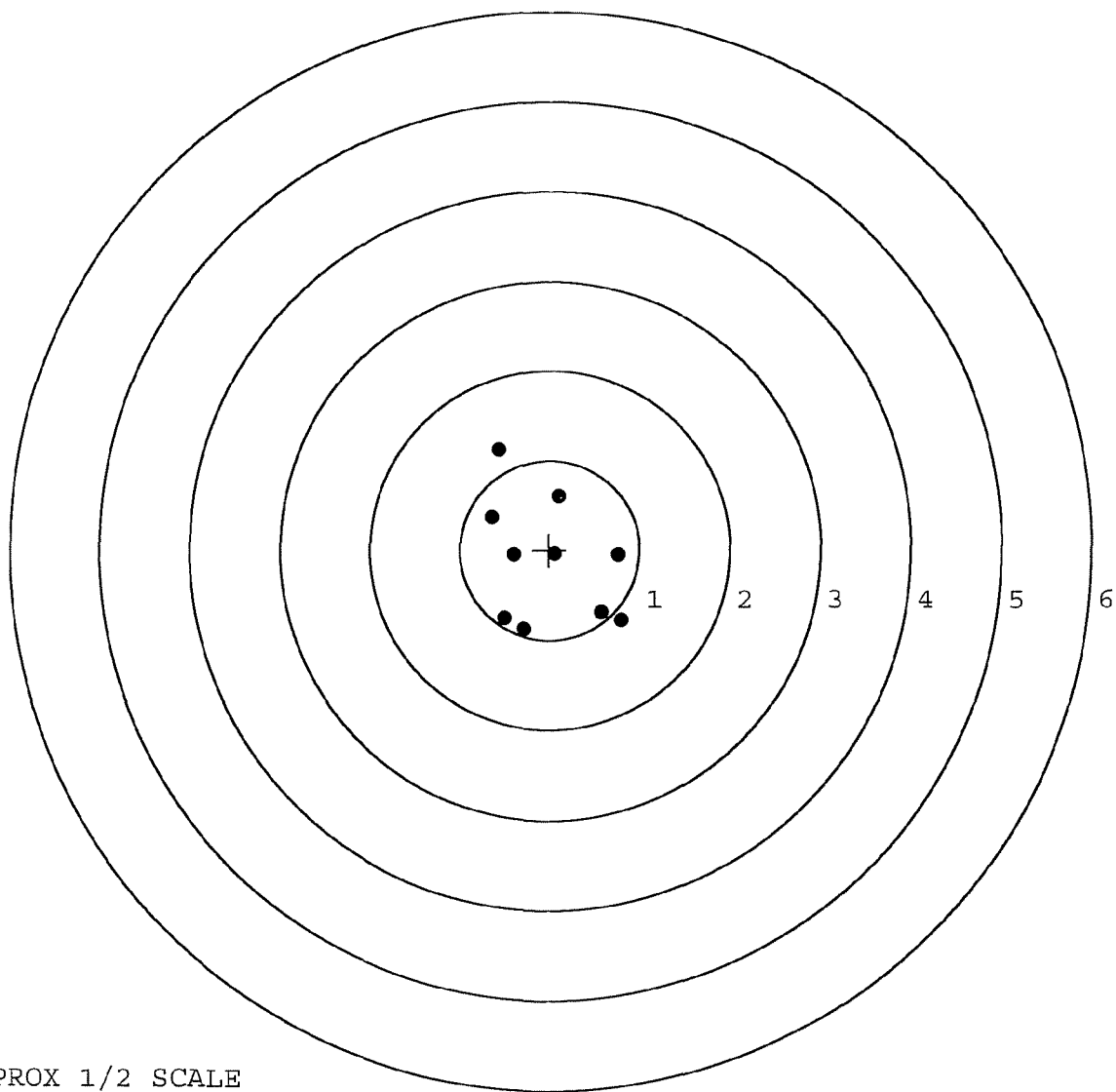
MAX RADIUS: 1.356

MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



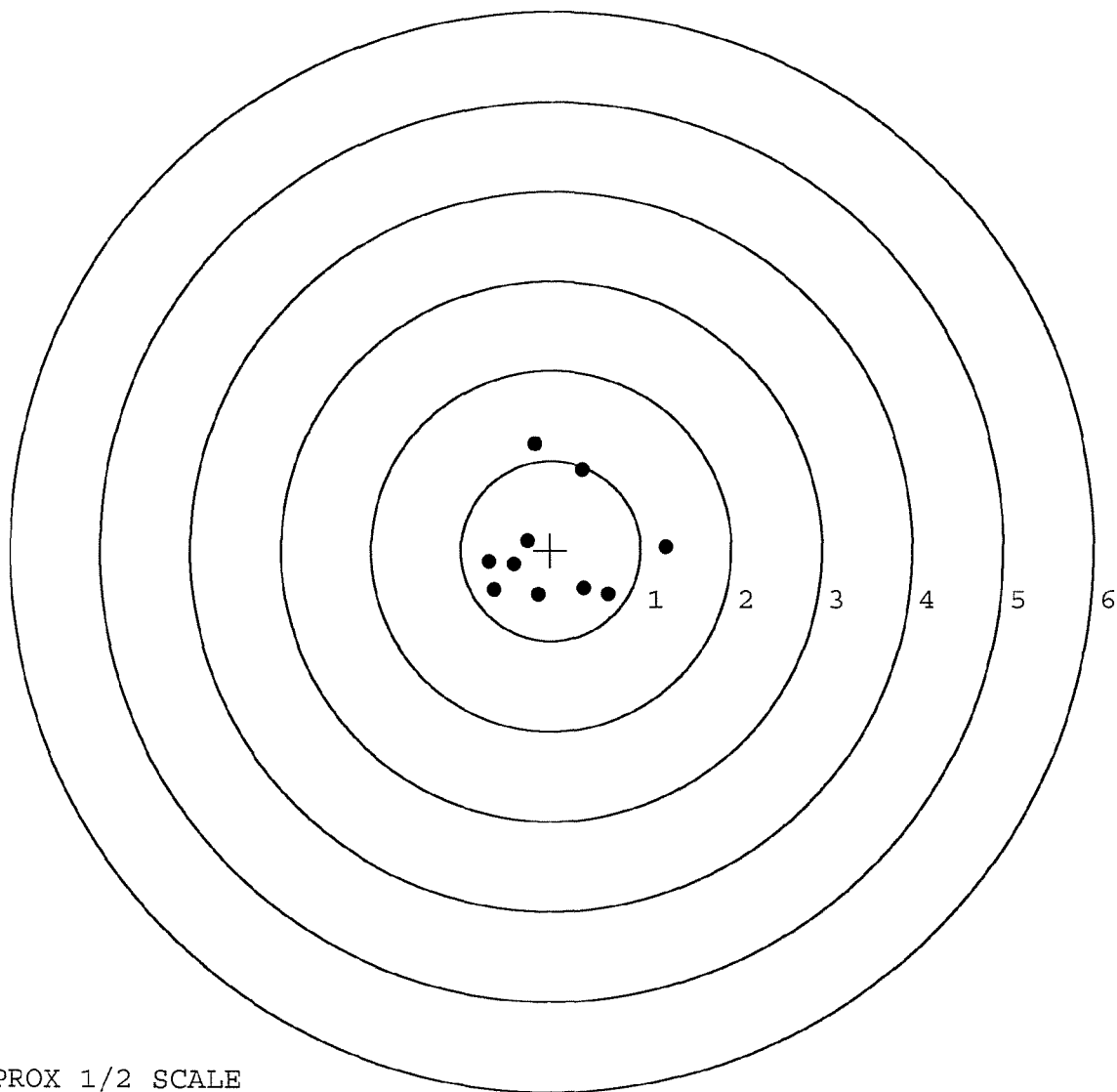
TARGET APPROX 1/2 SCALE

BARBER - M24 0100155

SERIAL NUMBER: G6521387. 0
 TARGET NUMBER: 2
 FILE DATE: 02/09/2006
 FILE TIME: 07:41

POINT#	X	Y
1:	1.276	0.036
2:	0.353	0.906
3:	-0.178	1.185
4:	0.641	-0.489
5:	0.370	-0.426
6:	-0.136	-0.496
7:	-0.261	0.101
8:	-0.408	-0.156
9:	-0.689	-0.128
10:	-0.632	-0.442

X CENTROID: 0.034
 Y CENTROID: 0.009
 POA TO CENTROID: 0.035
 HORZ SPREAD: 1.965
 VERT SPREAD: 1.681
 GROUP SPREAD: 1.972
 MIN RADIUS: 0.309
 MAX RADIUS: 1.243
 MEAN RADIUS: 0.758
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100156

SERIAL NUMBER: G6521387. 0

TARGET NUMBER: 3

FILE DATE: 02/09/2006

FILE TIME: 07:41

POINT#	X	Y
1:	0.692	-0.797
2:	0.666	-0.153
3:	0.581	0.012
4:	0.071	-0.605
5:	-0.041	-0.522
6:	-0.508	-0.115
7:	0.075	0.639
8:	-0.248	0.573
9:	-0.508	0.716
10:	-1.544	0.622

X CENTROID: -0.076

Y CENTROID: 0.037

POA TO CENTROID: 0.085

HORZ SPREAD: 2.236

VERT SPREAD: 1.513

GROUP SPREAD: 2.648

MIN RADIUS: 0.458

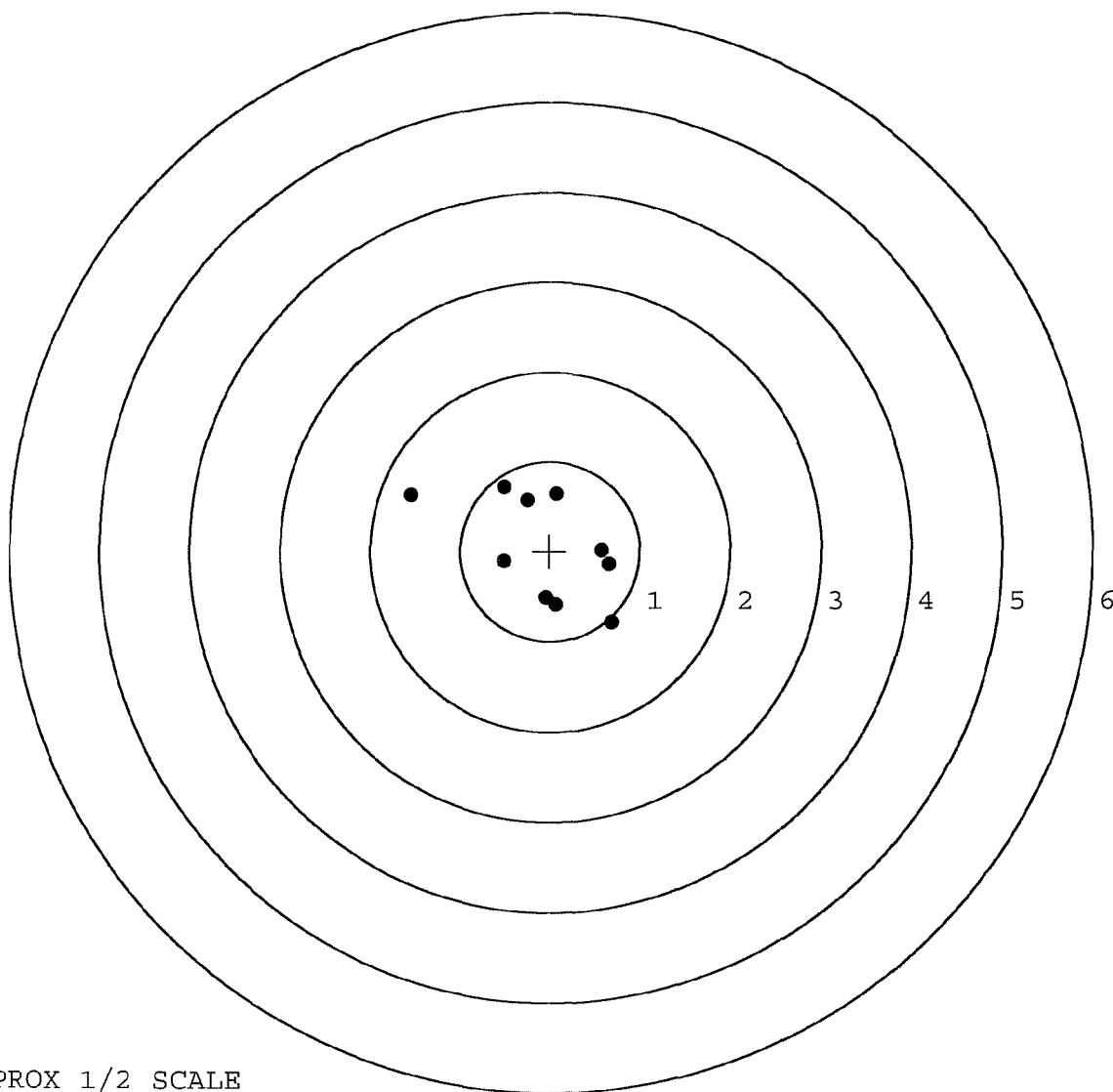
MAX RADIUS: 1.580

MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0100157

SERIAL NUMBER: G6521387. 0

TARGET NUMBER: 4

FILE DATE: 02/09/2006

FILE TIME: 07:41

POINT#	X	Y
1:	-0.099	0.872
2:	-0.271	0.160
3:	-0.511	0.512
4:	-0.862	0.643
5:	-0.940	0.029
6:	0.479	-0.125
7:	0.924	-0.248
8:	0.619	-0.547
9:	0.139	-0.645
10:	-0.183	0.055

X CENTROID: -0.071

Y CENTROID: 0.071

POA TO CENTROID: 0.100

HORZ SPREAD: 1.864

VERT SPREAD: 1.517

GROUP SPREAD: 1.996

MIN RADIUS: 0.114

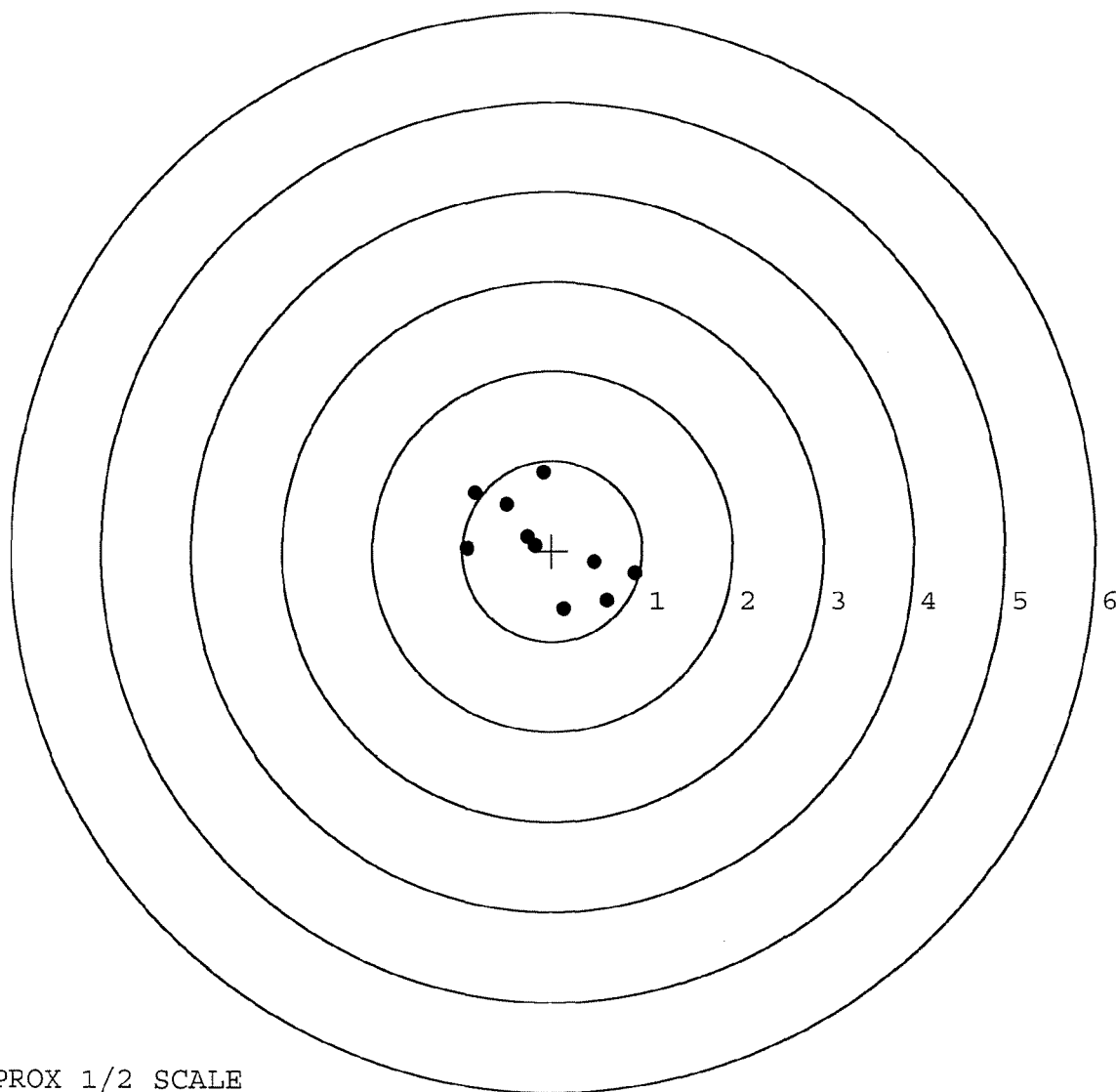
MAX RADIUS: 1.044

MEAN RADIUS: 0.690

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



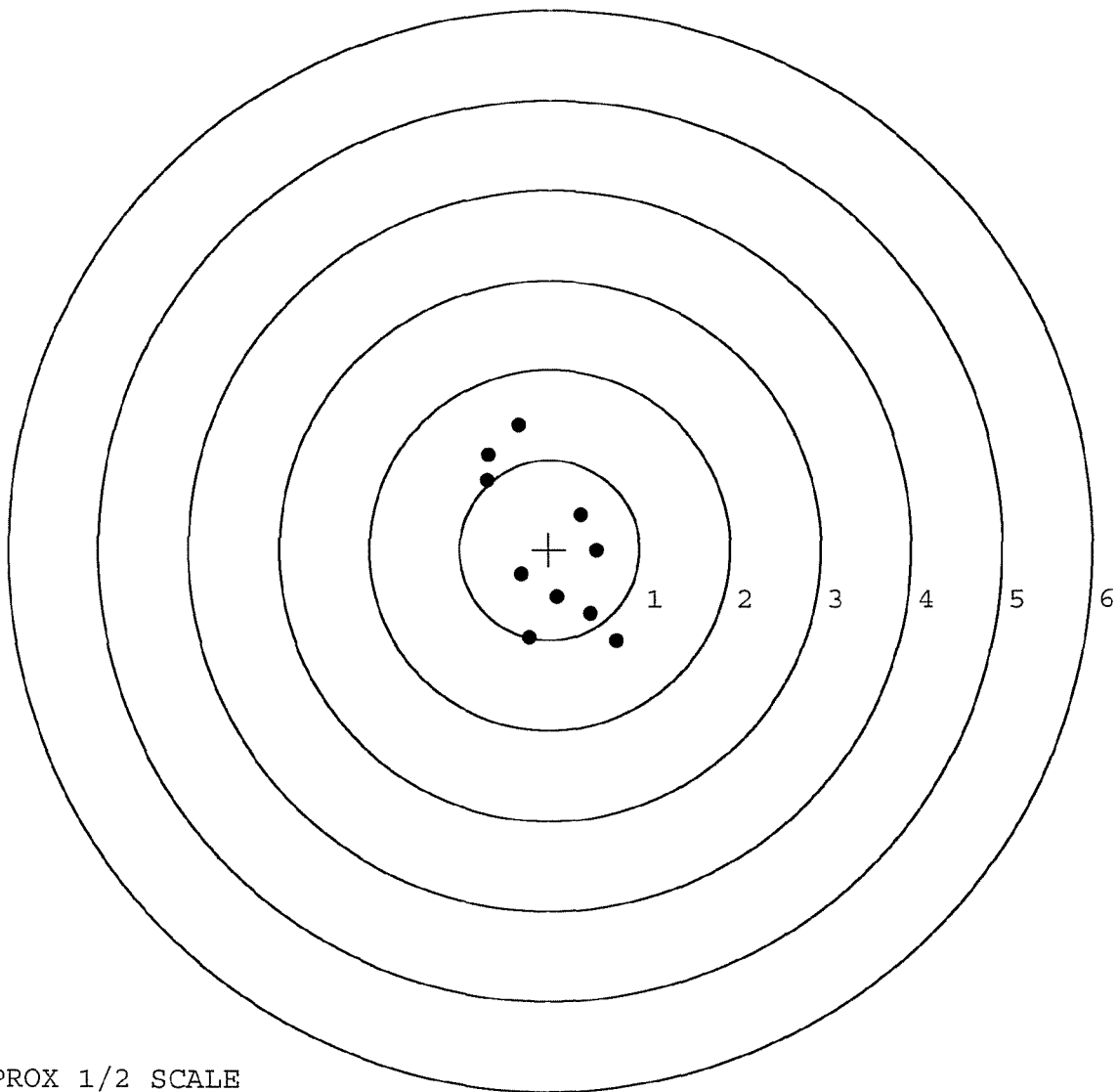
TARGET APPROX 1/2 SCALE

BARBER - M24 0100158

SERIAL NUMBER: G6521387. __0
 TARGET NUMBER: 5
 FILE DATE: 02/09/2006
 FILE TIME: 07:41

POINT#	X	Y
1:	0.749	-1.019
2:	0.463	-0.708
3:	0.091	-0.531
4:	-0.225	-0.984
5:	-0.311	-0.275
6:	0.530	-0.013
7:	0.347	0.388
8:	-0.694	0.776
9:	-0.686	1.058
10:	-0.353	1.385

X CENTROID: -0.009
 Y CENTROID: 0.008
 POA TO CENTROID: 0.012
 HORZ SPREAD: 1.443
 VERT SPREAD: 2.404
 GROUP SPREAD: 2.645
 MIN RADIUS: 0.414
 MAX RADIUS: 1.420
 MEAN RADIUS: 0.887
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE