

G 659 1672

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



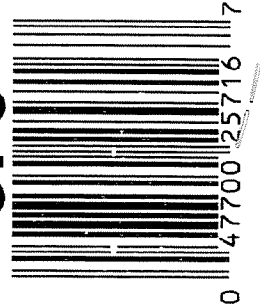
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6591672

UPC



ORDER 25716

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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591672

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-25-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-26-06	DL
440	PROOF	MAGNA-FLUX	9-26-06	TRW
460	CHECK HEADSPACE	INSPECTED	9-26-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 27 2006	9-26-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	9/27/06	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	W
510	DRILL AND TAP SIGHT HOLES		9-27-06	TRW
520	GOFF BLAST BBL / REC		9-27-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/28/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/29/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/29/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/29/06	DA
	D) OIL FIRING PIN ASSEMBLY		10-2-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6⁵</u> <u>6⁵</u> <u>7⁵</u>	10-4-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5²</u> <u>5²</u> <u>4⁵</u>	10-4-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.026</u>	10-4-06	SD
	J) ASSEMBLE STOCK		10-2-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-6-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-2-06	RTZ
	M) IRON SIGHT ALIGNMENT		10-2-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-2-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-3-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/3	
670	FINAL INSPECTION A) HEADSPACE		11-6-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.84</u> <u>2.79</u> <u>2.79</u> <u>2.75</u> <u>2.78</u>	10-4-06	SD
	C) FUNCTION		11-6-06	RTZ
690	PACK		11/9/06	RA

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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 9-29-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	243	263		246	
PULL #2	243	268		252	
PULL #3	249	262		256	
PULL #4	244	257		254	
PULL #5	245	257		255	
TOTAL	1224	1307		1263	
AVERAGE	244	261		252	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	320		
PULL #2	303	309		
PULL #3	303	300		
PULL #4	302	305		
PULL #5	300	311		
TOTAL	1517	1545		
AVERAGE	303	309		

	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	410	394		419
PULL #2	417	391		417
PULL #3	412	391		418
PULL #4	407	394		419
PULL #5	407	397		421
TOTAL	2053	1967		2094
AVERAGE	410	393		418

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591672.___0

FILE DATE AND TIME: 10/04/2006 05:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.757
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.249
The Distance from Centroid Target #4 to Centroid Target #1:	0.177
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

BARBER - M24 0169412

SERIAL NUMBER: G6591672. __0

TARGET NUMBER: 1

FILE DATE: 10/04/2006

FILE TIME: 05:32

POINT#	X	Y
1:	0.158	-1.262
2:	0.376	-0.437
3:	0.694	0.061
4:	0.828	0.342
5:	-0.527	-0.009
6:	-0.961	-0.795
7:	-1.349	-1.343
8:	-0.303	1.653
9:	-0.881	1.370
10:	0.290	1.014

X CENTROID: -0.168

Y CENTROID: 0.059

POA TO CENTROID: 0.178

HORZ SPREAD: 2.177

VERT SPREAD: 2.996

GROUP SPREAD: 3.173

MIN RADIUS: 0.366

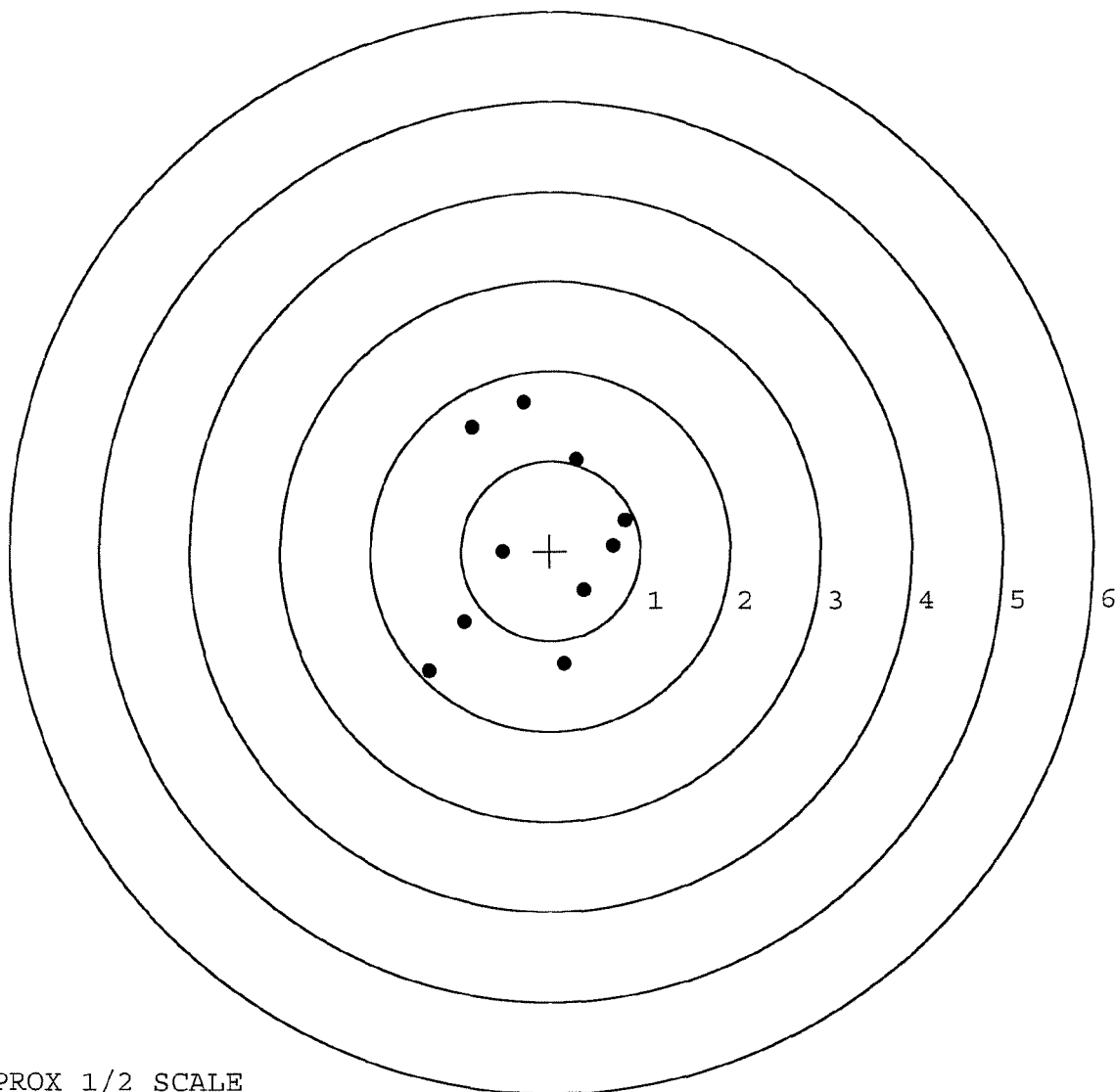
MAX RADIUS: 1.834

MEAN RADIUS: 1.151

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169413

SERIAL NUMBER: G6591672. __ 0

TARGET NUMBER: 2

FILE DATE: 10/04/2006

FILE TIME: 05:32

POINT#	X	Y
1:	0.351	-1.129
2:	-0.168	-0.720
3:	-0.270	1.440
4:	0.250	1.019
5:	0.070	0.775
6:	-0.022	0.112
7:	-0.313	-0.144
8:	0.325	-0.272
9:	0.068	-0.461
10:	0.026	-0.159

X CENTROID: 0.032

Y CENTROID: 0.046

POA TO CENTROID: 0.056

HORZ SPREAD: 0.664

VERT SPREAD: 2.569

GROUP SPREAD: 2.643

MIN RADIUS: 0.085

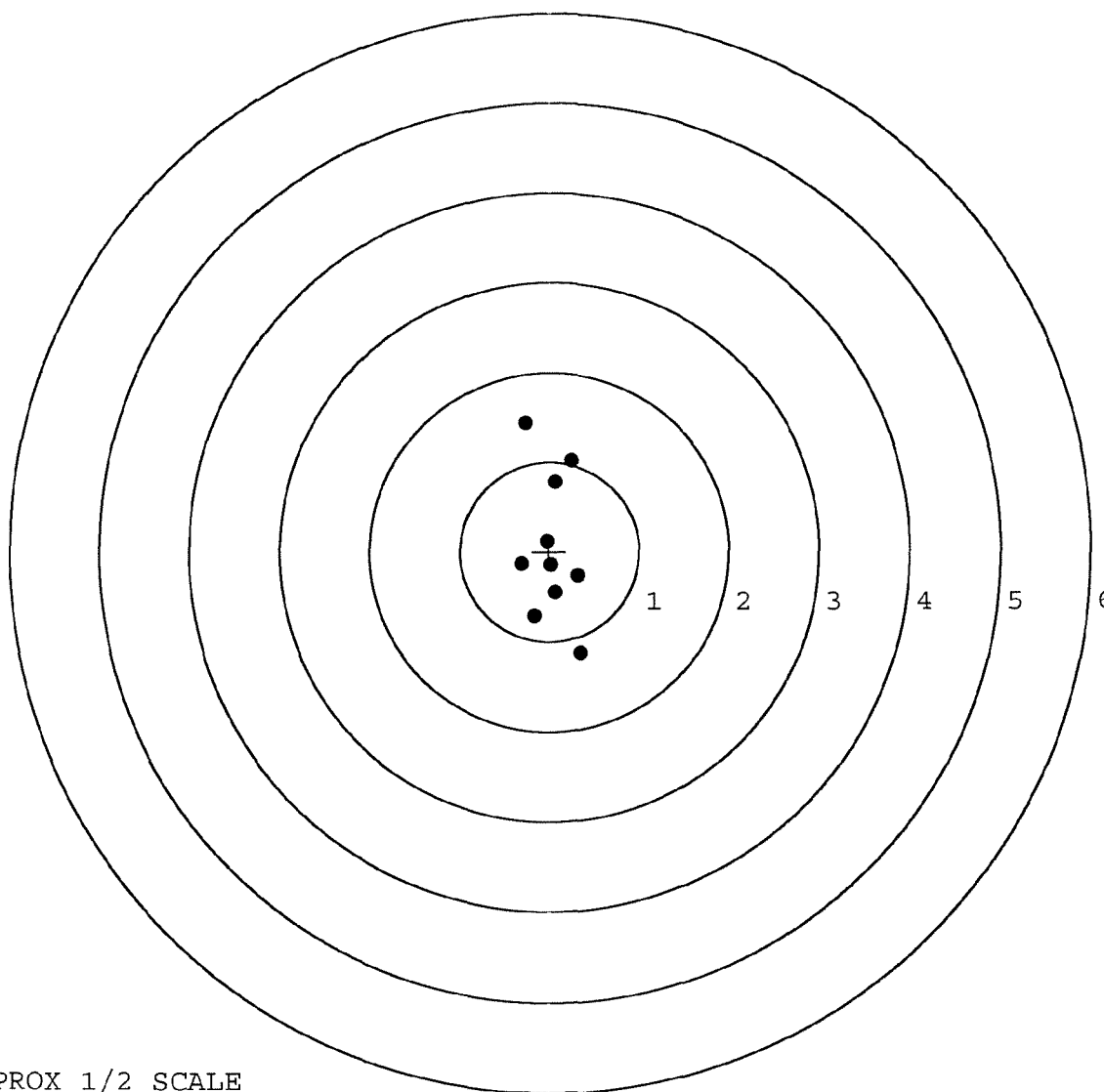
MAX RADIUS: 1.426

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169414

SERIAL NUMBER: G6591672. __0

TARGET NUMBER: 3

FILE DATE: 10/04/2006

FILE TIME: 05:32

POINT#	X	Y
1:	-0.286	-1.154
2:	1.136	-0.243
3:	-0.017	0.795
4:	-0.119	0.416
5:	0.133	0.375
6:	0.059	0.080
7:	-0.596	0.123
8:	-0.155	-0.251
9:	-0.368	-0.596
10:	-0.279	-1.138

X CENTROID: -0.049

Y CENTROID: -0.159

POA TO CENTROID: 0.167

HORZ SPREAD: 1.732

VERT SPREAD: 1.949

GROUP SPREAD: 1.770

MIN RADIUS: 0.140

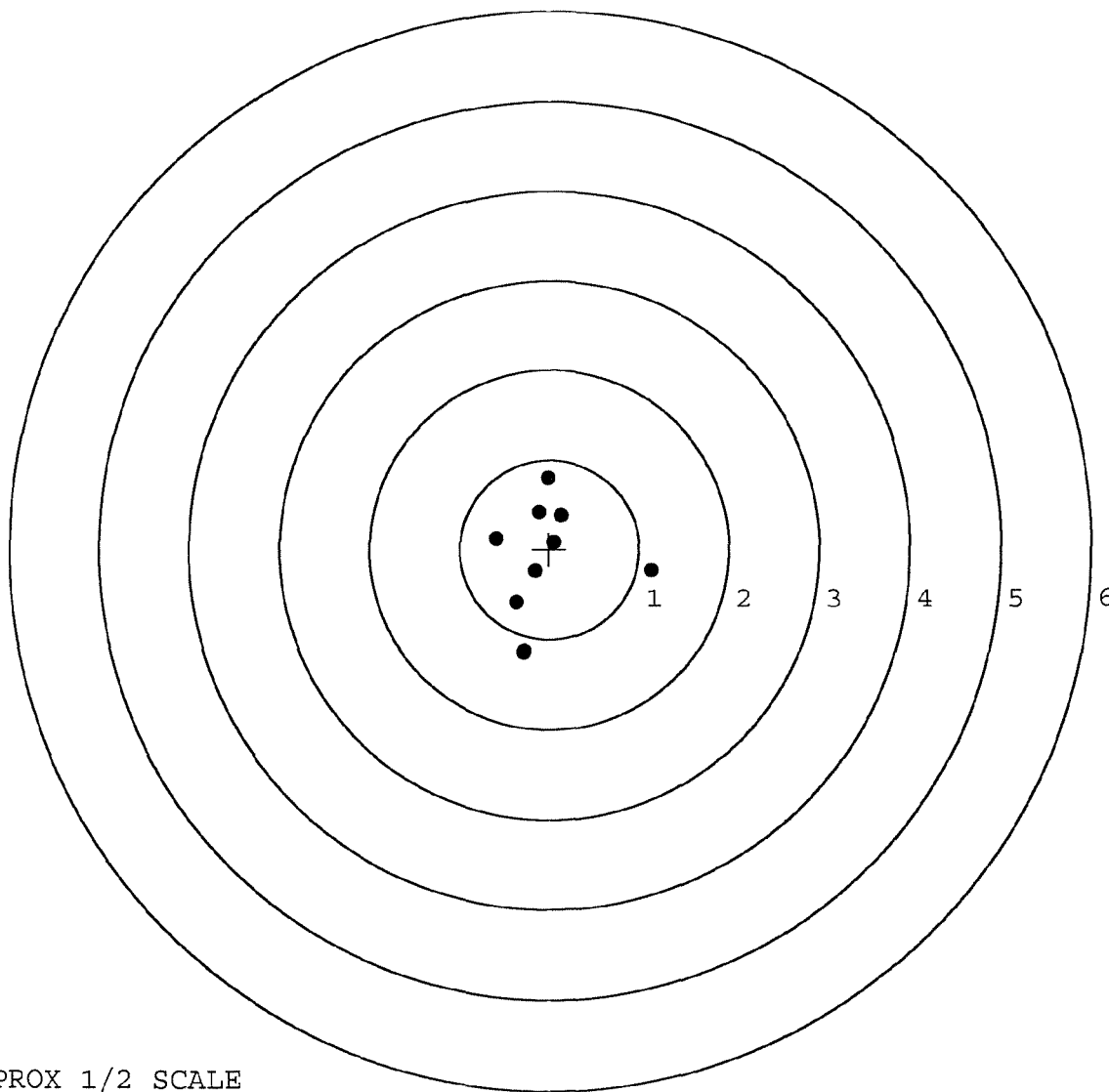
MAX RADIUS: 1.188

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



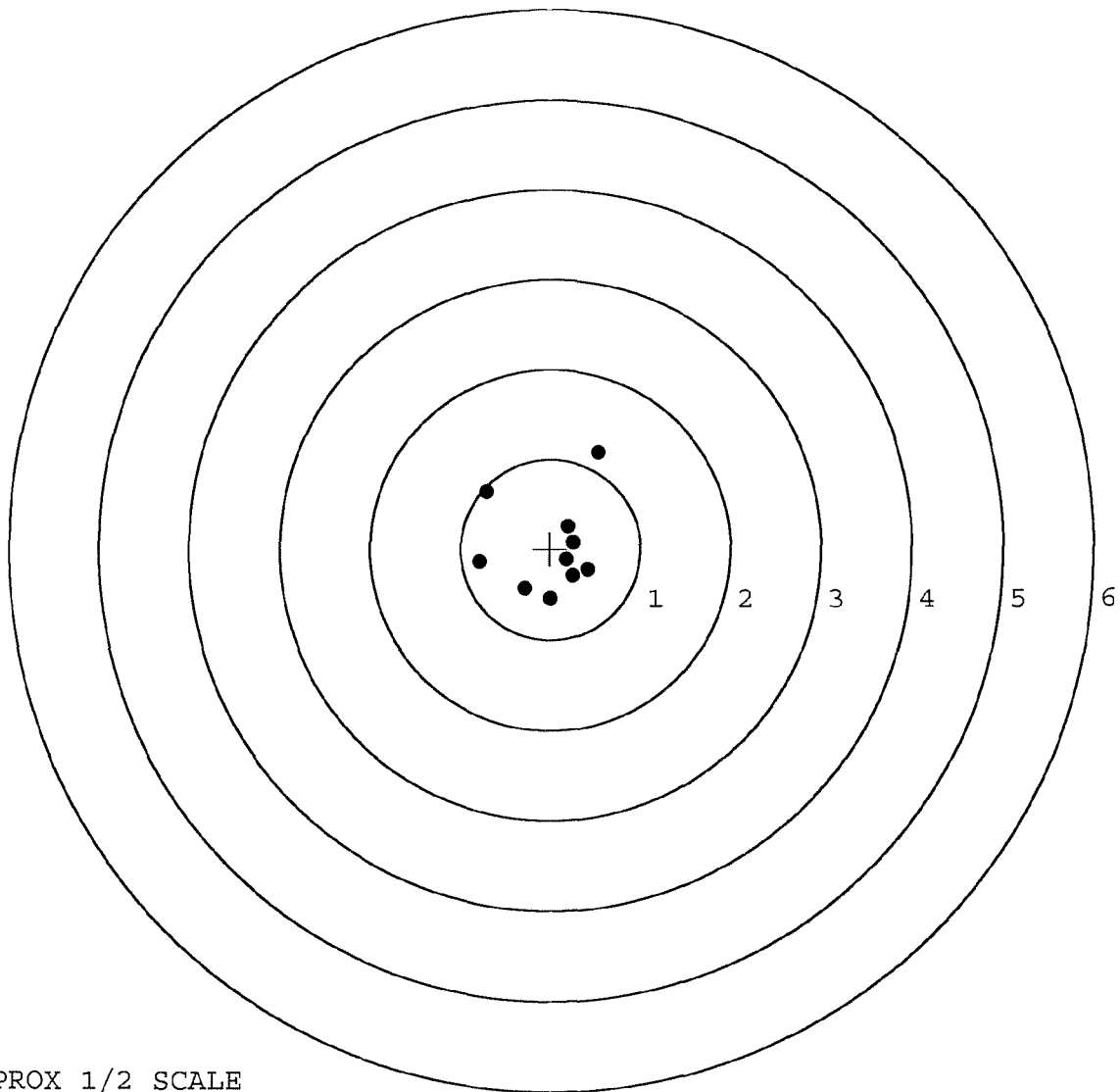
TARGET APPROX 1/2 SCALE

BARBER - M24 0169415

SERIAL NUMBER: G6591672. __0
 TARGET NUMBER: 4
 FILE DATE: 10/04/2006
 FILE TIME: 05:32

POINT#	X	Y
1:	0.535	1.079
2:	-0.712	0.641
3:	-0.788	-0.143
4:	-0.284	-0.441
5:	0.004	-0.557
6:	0.197	0.250
7:	0.253	0.070
8:	0.186	-0.126
9:	0.420	-0.227
10:	0.251	-0.303

X CENTROID: 0.006
 Y CENTROID: 0.024
 POA TO CENTROID: 0.025
 HORZ SPREAD: 1.323
 VERT SPREAD: 1.636
 GROUP SPREAD: 1.801
 MIN RADIUS: 0.234
 MAX RADIUS: 1.180
 MEAN RADIUS: 0.574
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



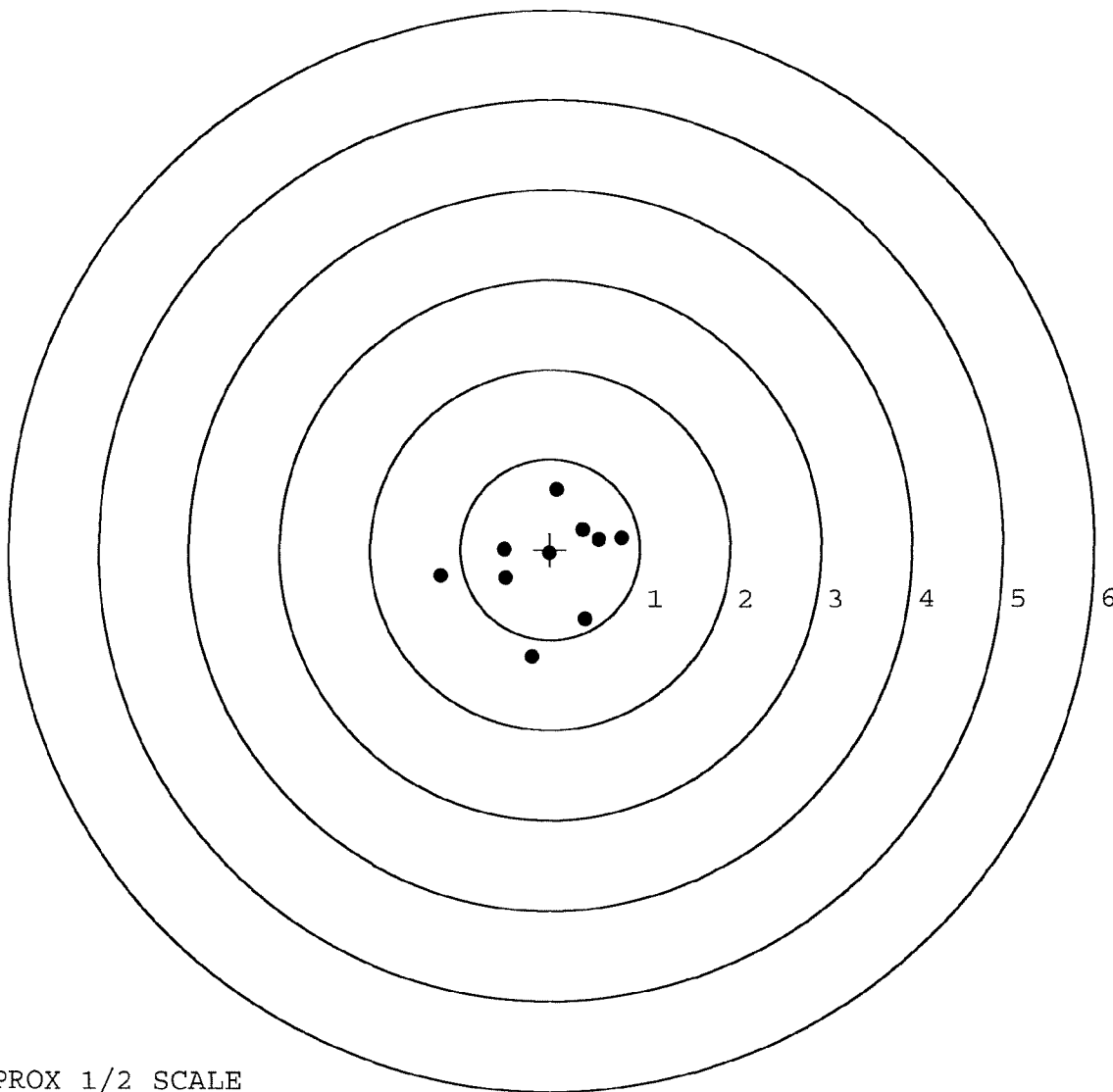
TARGET APPROX 1/2 SCALE

BARBER - M24 0169416

SERIAL NUMBER: G6591672. __0
 TARGET NUMBER: 5
 FILE DATE: 10/04/2006
 FILE TIME: 05:32

POINT#	X	Y
1:	-0.206	-1.199
2:	0.390	-0.774
3:	-1.214	-0.289
4:	-0.512	-0.006
5:	-0.498	-0.320
6:	-0.012	-0.044
7:	0.070	0.658
8:	0.787	0.122
9:	0.540	0.110
10:	0.360	0.216

X CENTROID: -0.030
 Y CENTROID: -0.153
 POA TO CENTROID: 0.155
 HORZ SPREAD: 2.001
 VERT SPREAD: 1.857
 GROUP SPREAD: 2.043
 MIN RADIUS: 0.110
 MAX RADIUS: 1.192
 MEAN RADIUS: 0.696
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE