

G 6680285

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



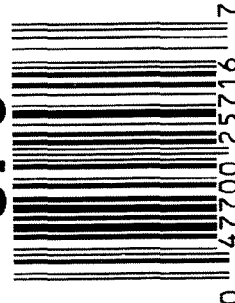
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6680285

UPC



ORDER 25716

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

UPC



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UPC



SERIAL NO.



GUN SERIAL # G 6680285

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8/13/07	SPD
420	ASSEMBLE ACTION		8-10-07	SD
430	ASSEMBLE TO STOCK		8/10/07	man
440	PROOF	MAGNA - FLUX	8/10/07	man
460	CHECK HEADSPACE	AUG 15 2007	8/10/07	man
470	DIS-ASSEMBLE ACTION	OPERATOR <u>NRD</u>	8/13/07	SPD
480	MAGNAFLUX BBL ACTION		8/15/07	NRD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-14-07	CW
510	DRILL AND TAP SIGHT HOLES		8-14-07	TRW
520	GOFF BLAST BBL / REC		8-15-07	CY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/22/07	RS
560	RE-ASSEMBLE ACTION		8-22-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-22-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-22-07	SD
	D) OIL FIRING PIN ASSEMBLY		8/29/07	SPD
	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>55</u> <u>50</u> <u>5.5</u>	8-30-07	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.5</u> <u>3.5</u>	8-30-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	8-30-07	DA
	J) ASSEMBLE STOCK		8/29/07	DA
	K) ASSEMBLE SWIVEL STUDS		8-30-07	DA
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-31-07	RTZ
	M) IRON SIGHT ALIGNMENT		8-31-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-31-07	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8/29/07	DA
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-29-07	SD
670	FINAL INSPECTION A) HEADSPACE		8-31-07	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.83</u> <u>2.77</u> <u>2.76</u> <u>2.90</u>	8-30-07	DA
	C) FUNCTION			
690	PACK		8-31-07	DA

F004 REV 5/2006

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 6-20-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	2.88		2.46	
PULL #2	2.62	2.76		2.66	
PULL #3	2.48	2.67		2.63	
PULL #4	2.67	2.68		2.66	
PULL #5	2.71	2.70		2.60	
TOTAL	12.91	13.69		13.01	
AVERAGE	2.58	2.73		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.47		
PULL #2	3.33	3.21		
PULL #3	3.31	3.26		
PULL #4	3.29	3.20		
PULL #5	3.37	3.22		
TOTAL	16.62	16.36		
AVERAGE	3.32	3.27		

	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	4.25	4.43		4.25
PULL #2	4.30	4.26		4.03
PULL #3	4.36	4.30		4.31
PULL #4	4.29	4.17		4.21
PULL #5	4.07	4.22		4.04
TOTAL	21.27	21.38		20.84
AVERAGE	4.25	4.27		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6680285.___0
FILE DATE AND TIME: 08/29/2007 23:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.110
The Distance from Centroid Target #2 to Centroid Target #1:	0.094
The Distance from Centroid Target #3 to Centroid Target #1:	0.377
The Distance from Centroid Target #4 to Centroid Target #1:	0.068
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

BARBER - M24 0174526

SERIAL NUMBER: G6680285. __0

TARGET NUMBER: 1

FILE DATE: 08/29/2007

FILE TIME: 23:18

POINT#	X	Y
1:	-1.215	-0.095
2:	-0.873	-0.282
3:	-0.457	0.250
4:	-0.105	0.222
5:	-0.265	-0.142
6:	0.316	0.482
7:	0.161	-0.346
8:	0.329	-0.106
9:	0.547	-0.442
10:	0.586	-0.050

X CENTROID: -0.098

Y CENTROID: -0.051

POA TO CENTROID: 0.110

HORZ SPREAD: 1.801

VERT SPREAD: 0.924

GROUP SPREAD: 1.802

MIN RADIUS: 0.191

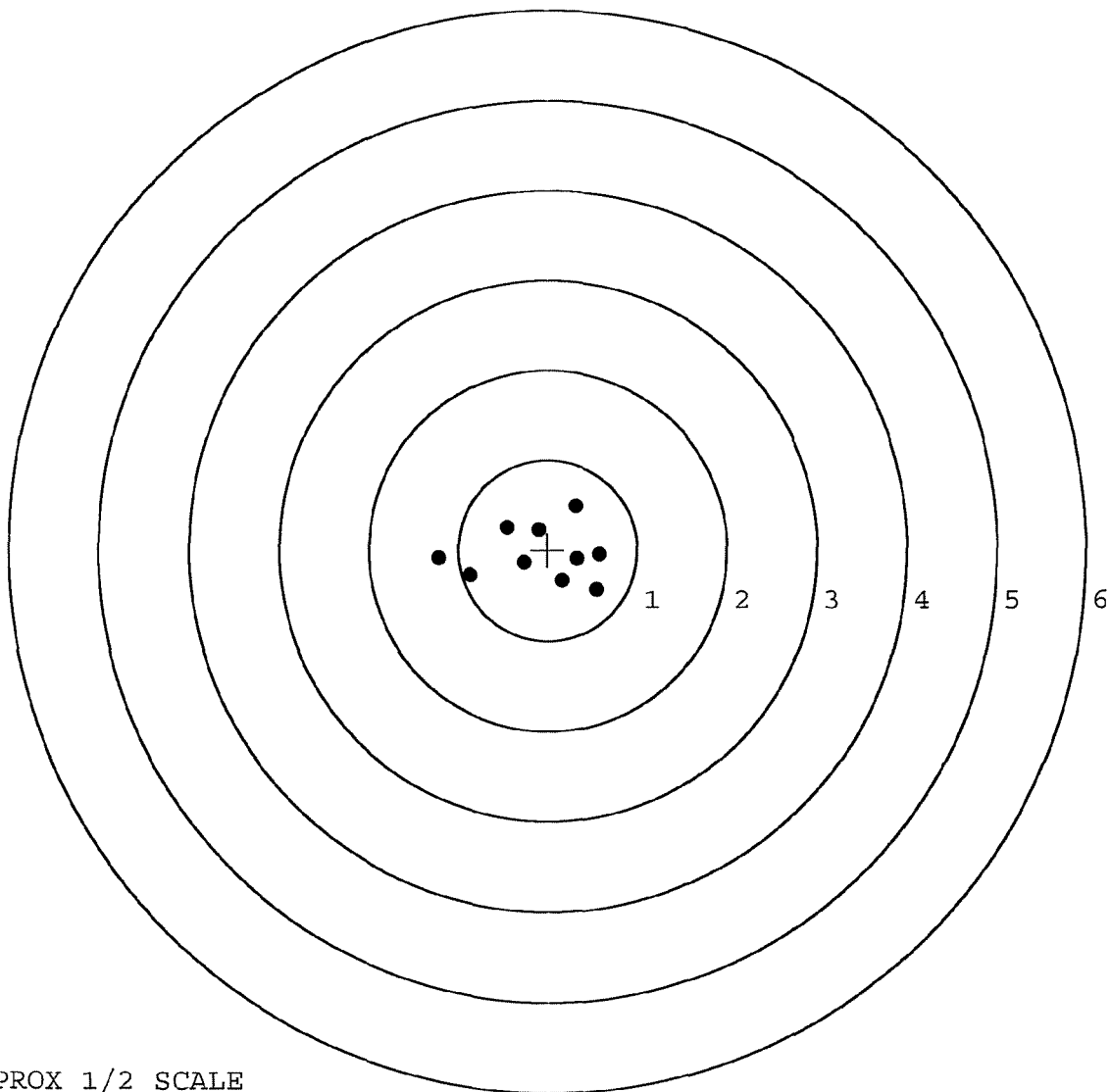
MAX RADIUS: 1.118

MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

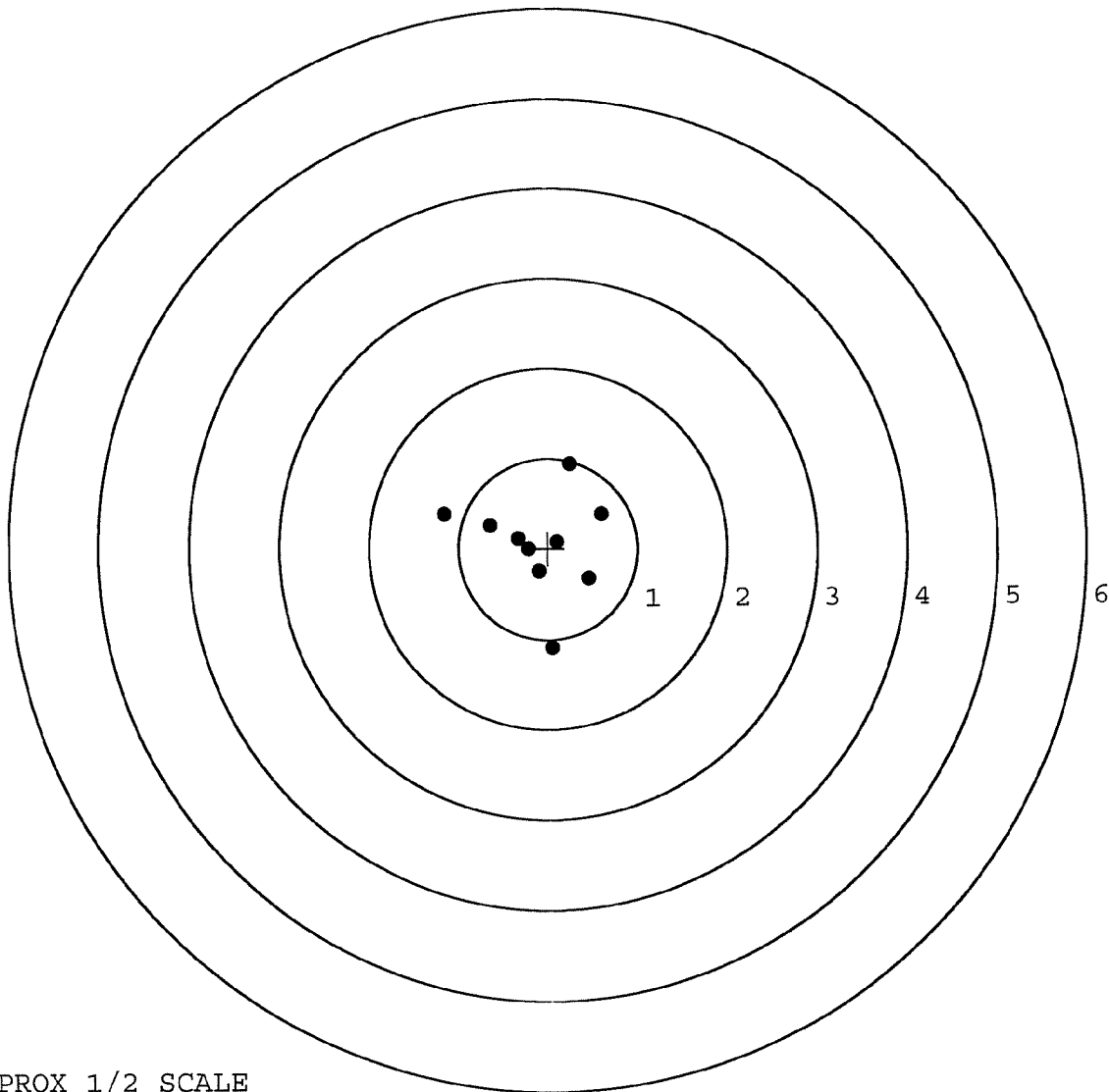


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6680285. __0
 TARGET NUMBER: 2
 FILE DATE: 08/29/2007
 FILE TIME: 23:18

POINT#	X	Y
1:	0.259	0.936
2:	0.606	0.377
3:	0.457	-0.340
4:	0.043	-1.094
5:	-0.101	-0.254
6:	0.106	0.073
7:	-0.218	-0.013
8:	-0.327	0.110
9:	-0.642	0.255
10:	-1.158	0.382

X CENTROID: -0.097
 Y CENTROID: 0.043
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.764
 VERT SPREAD: 2.030
 GROUP SPREAD: 2.041
 MIN RADIUS: 0.133
 MAX RADIUS: 1.146
 MEAN RADIUS: 0.613
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0174528

SERIAL NUMBER: G6680285. 0

TARGET NUMBER: 3

FILE DATE: 08/29/2007

FILE TIME: 23:18

POINT#	X	Y
1:	-0.616	0.177
2:	-0.356	0.000
3:	-0.111	0.236
4:	0.014	-0.332
5:	0.441	-0.291
6:	0.167	0.164
7:	0.432	0.183
8:	0.773	0.059
9:	1.131	-0.229
10:	0.748	0.644

X CENTROID: 0.262

Y CENTROID: 0.061

POA TO CENTROID: 0.269

HORZ SPREAD: 1.747

VERT SPREAD: 0.976

GROUP SPREAD: 1.794

MIN RADIUS: 0.140

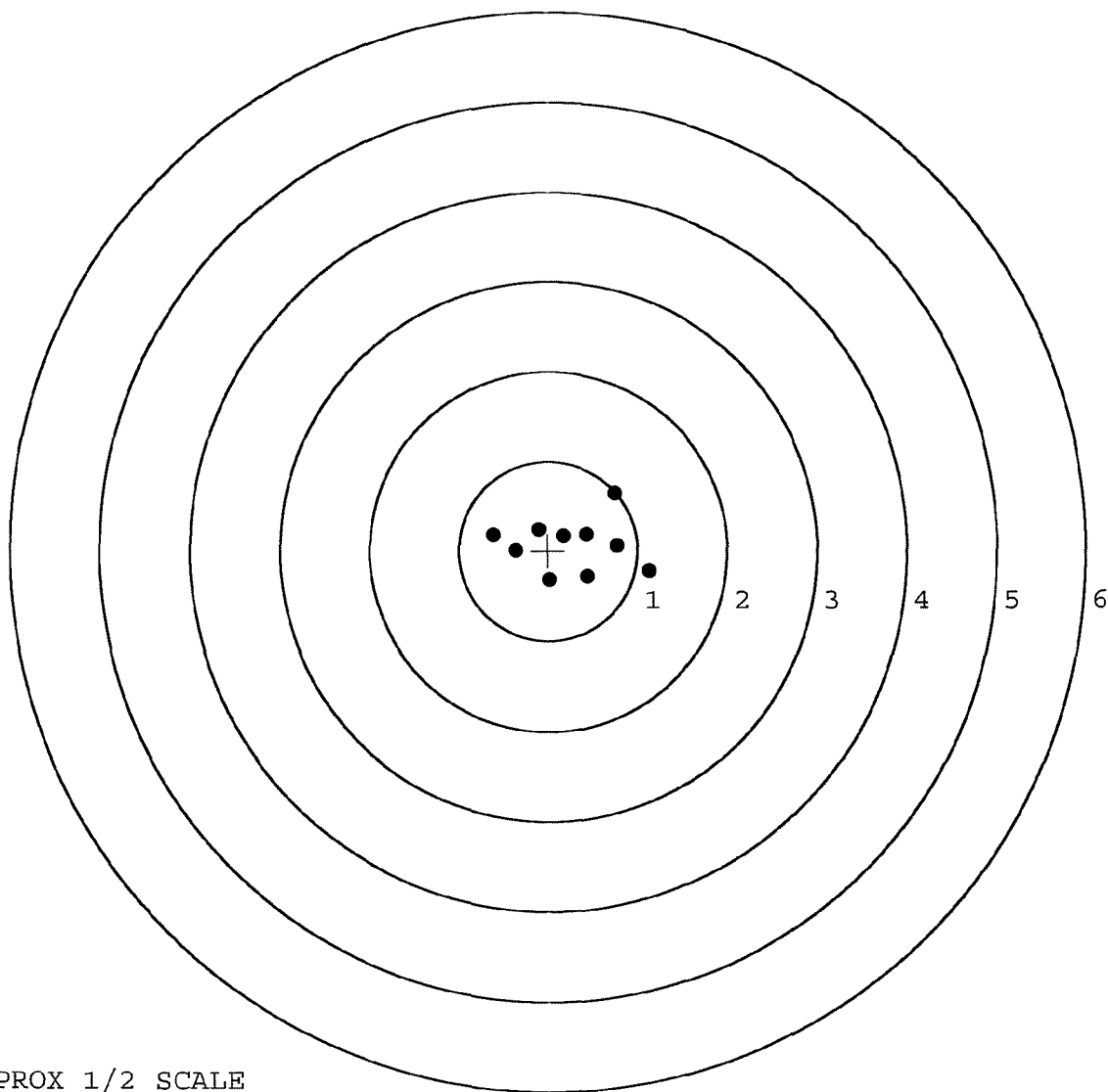
MAX RADIUS: 0.916

MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



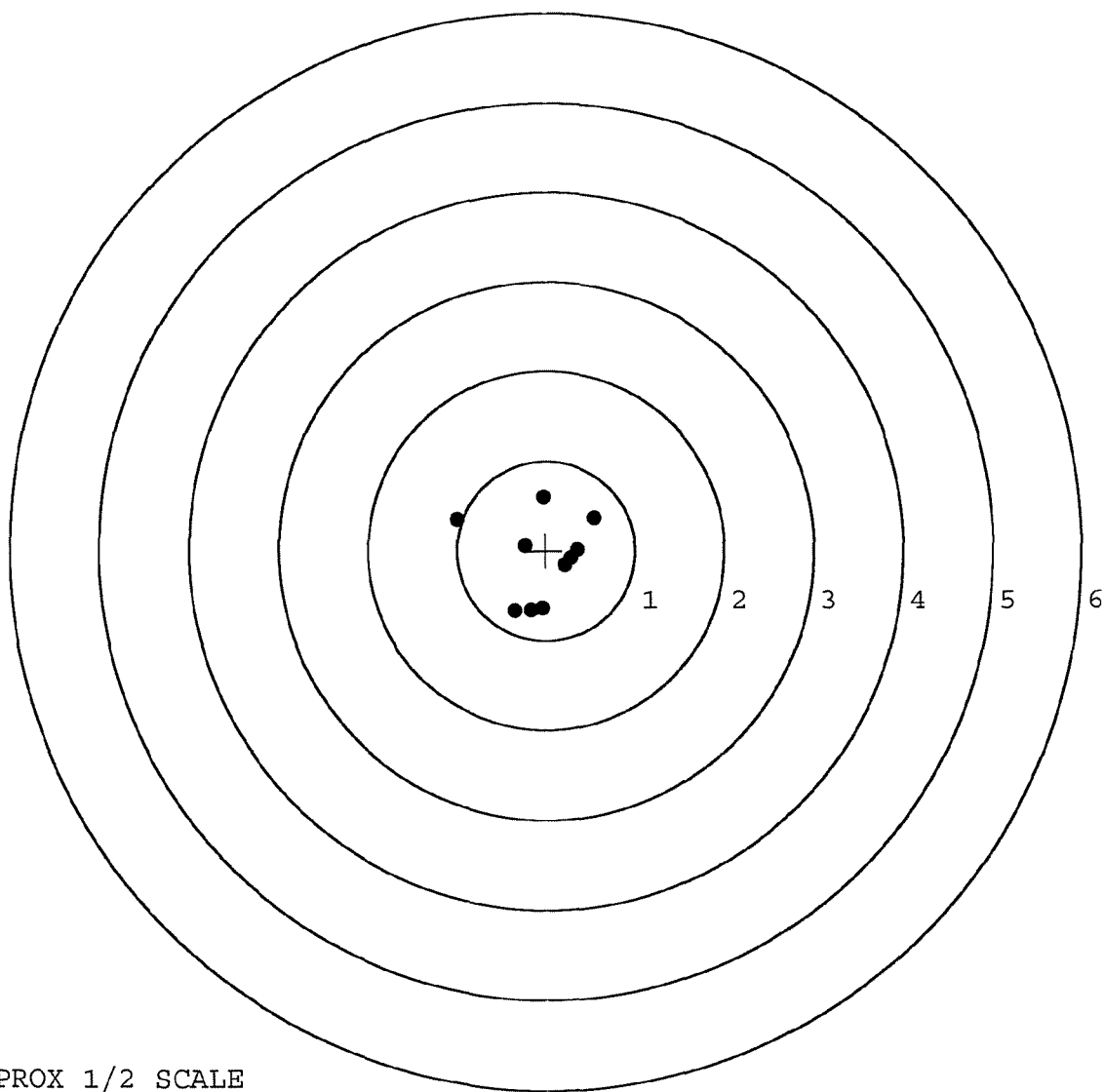
TARGET APPROX 1/2 SCALE

BARBER - M24 0174529

SERIAL NUMBER: G6680285. __0
 TARGET NUMBER: 4
 FILE DATE: 08/29/2007
 FILE TIME: 23:18

POINT#	X	Y
1:	-1.000	0.341
2:	-0.028	0.594
3:	0.543	0.362
4:	0.354	0.008
5:	0.220	-0.165
6:	-0.229	0.060
7:	-0.347	-0.676
8:	-0.167	-0.670
9:	-0.041	-0.652
10:	0.281	-0.088

X CENTROID: -0.041
 Y CENTROID: -0.089
 POA TO CENTROID: 0.098
 HORZ SPREAD: 1.543
 VERT SPREAD: 1.270
 GROUP SPREAD: 1.543
 MIN RADIUS: 0.239
 MAX RADIUS: 1.050
 MEAN RADIUS: 0.553
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



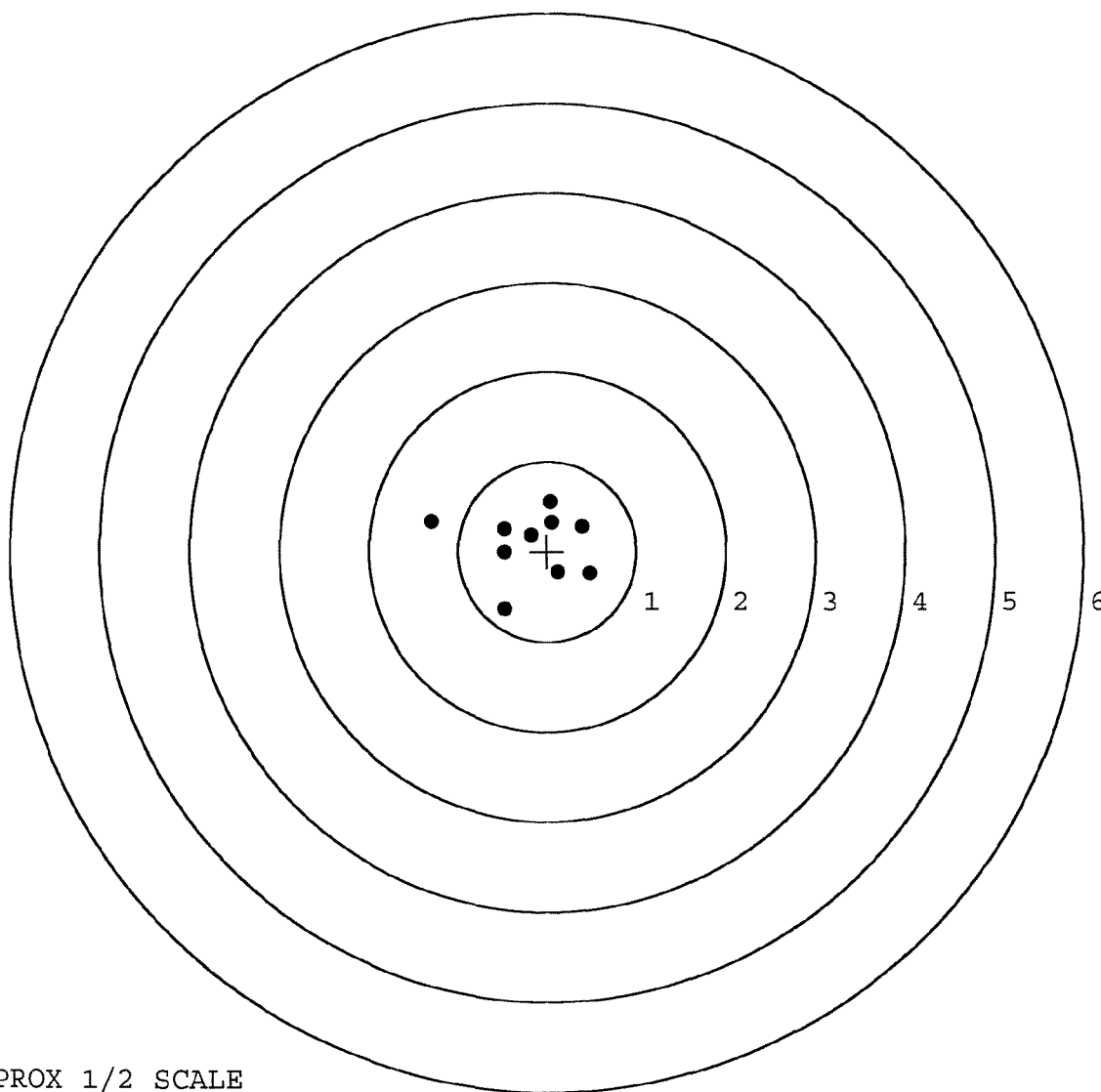
TARGET APPROX 1/2 SCALE

BARBER - M24 0174530

SERIAL NUMBER: G6680285. __0
 TARGET NUMBER: 5
 FILE DATE: 08/29/2007
 FILE TIME: 23:18

POINT#	X	Y
1:	-1.302	0.333
2:	-0.479	-0.645
3:	0.482	-0.245
4:	0.126	-0.236
5:	0.388	0.276
6:	0.048	0.321
7:	0.034	0.551
8:	-0.183	0.182
9:	-0.479	-0.010
10:	-0.485	0.250

X CENTROID: -0.185
 Y CENTROID: 0.078
 POA TO CENTROID: 0.201
 HORZ SPREAD: 1.784
 VERT SPREAD: 1.196
 GROUP SPREAD: 1.875
 MIN RADIUS: 0.104
 MAX RADIUS: 1.146
 MEAN RADIUS: 0.533
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE