

G6677040

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



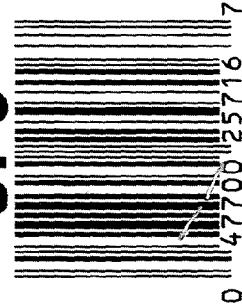
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6677040

UPC



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

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UPC



SERIAL NO.



GUN SERIAL # G6677040

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-9-07	SPD
420	ASSEMBLE ACTION		7-24-07	SD
430	ASSEMBLE TO STOCK		7-27-07	W
440	PROOF	MAGNA-FLUX	7-27-07	W
460	CHECK HEADSPACE		7-27-07	W
470	DIS-ASSEMBLE ACTION		8-2-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>EMS</u>	8-13-07	EMS
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-13-07	CW
510	DRILL AND TAP SIGHT HOLES		8-10-07	TRW
520	GOFF BLAST BBL / REC		8-13-07	(LS)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8-23-07	RS
560	RE-ASSEMBLE ACTION		8-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		8-30-07	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>3.0</u> <u>3.0</u> <u>3.0</u>	9/8/07	RPD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	9/8/07	RPD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.0255</u> <u>.0255</u>	9/8/07	RPD
	J) ASSEMBLE STOCK		8/30/07	RPD
	K) ASSEMBLE SWIVEL STUDS		9/8/07	RPD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9/8/07	RPD
	M) IRON SIGHT ALIGNMENT		9/8/07	RPD
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9/8/07	RPD
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-31-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-31-07	WK
670	FINAL INSPECTION A) HEADSPACE		9/8/07	RPD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.54</u> <u>2.61</u> <u>2.63</u> <u>2.58</u>	9/14/07	RP
	C) FUNCTION		9/8/07	RPD
690	PACK		9-10-07	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	2.68	2.60		2.66	
PULL #2	2.60	2.60		2.69	
PULL #3	2.67	2.57		2.68	
PULL #4	2.68	2.58		2.69	
PULL #5	2.62	2.55		2.67	
TOTAL	13.25	12.90		13.39	
AVERAGE	2.65	2.58		2.67	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.25		
PULL #2	3.28	3.21		
PULL #3	3.37	3.20		
PULL #4	3.28	3.18		
PULL #5	3.16	3.17		
TOTAL	16.37	16.01		
AVERAGE	3.27	3.20		

	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	4.02	4.29		4.26
PULL #2	4.04	4.03		4.22
PULL #3	4.31	4.07		4.25
PULL #4	4.25	4.03		4.25
PULL #5	4.28	4.10		4.26
TOTAL	20.90	20.52		21.24
AVERAGE	4.18	4.10		4.24

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6677040.___0

FILE DATE AND TIME: 09/01/2007 04:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	-0.034
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.685
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.061
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.259
The Distance from Centroid Target #5 to Centroid Target #1:	0.164

BARBER - M24 0173869

SERIAL NUMBER: G6677040. __0

TARGET NUMBER: 1

FILE DATE: 09/01/2007

FILE TIME: 04:58

POINT#	X	Y
1:	1.063	0.663
2:	0.225	0.779
3:	-0.418	1.342
4:	-0.799	0.860
5:	-0.855	-0.002
6:	0.369	0.007
7:	0.290	-0.295
8:	0.174	-0.564
9:	0.021	-0.832
10:	-0.113	-1.077

X CENTROID: -0.004

Y CENTROID: 0.088

POA TO CENTROID: 0.088

HORZ SPREAD: 1.918

VERT SPREAD: 2.419

GROUP SPREAD: 2.438

MIN RADIUS: 0.382

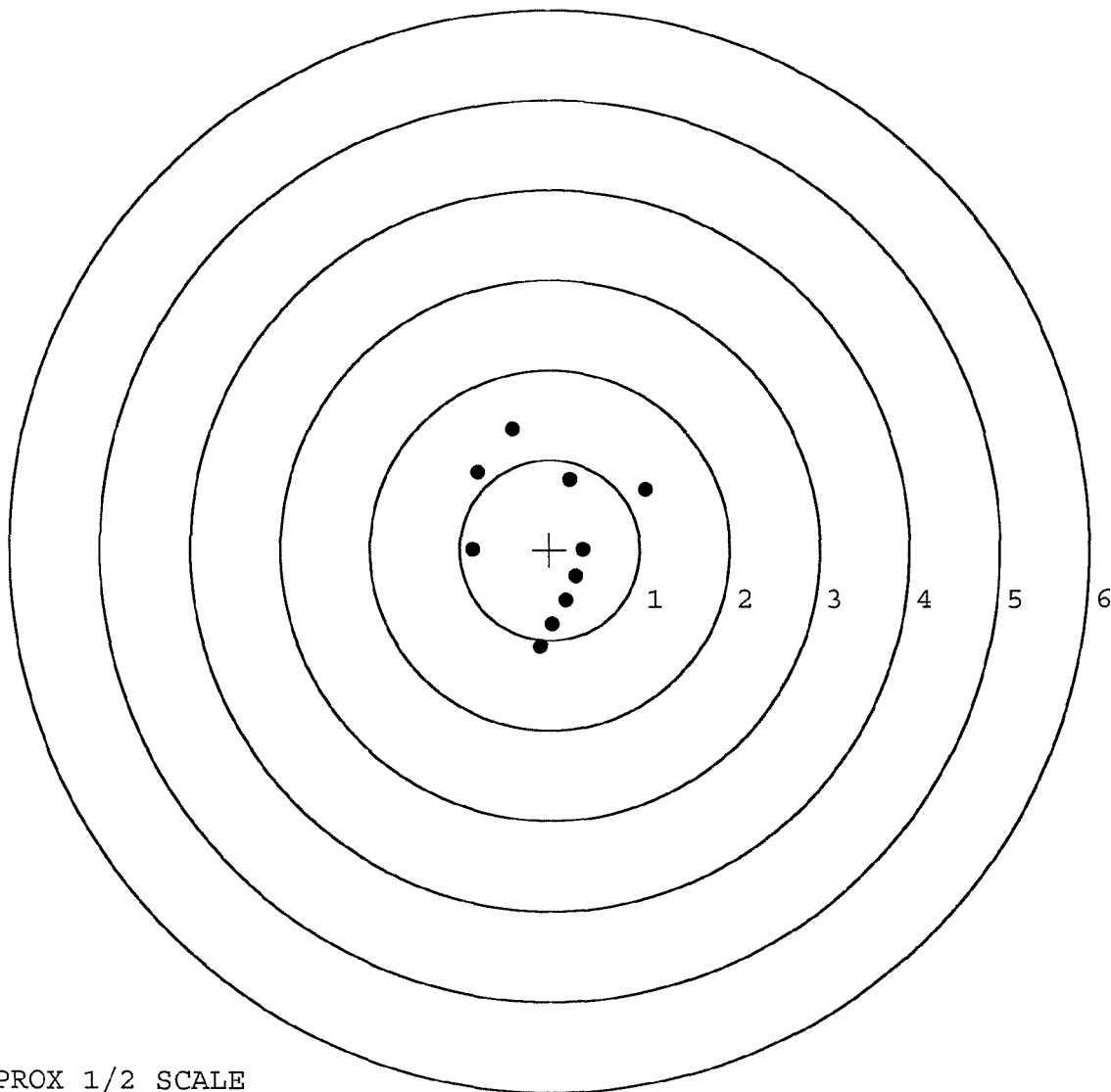
MAX RADIUS: 1.320

MEAN RADIUS: 0.886

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

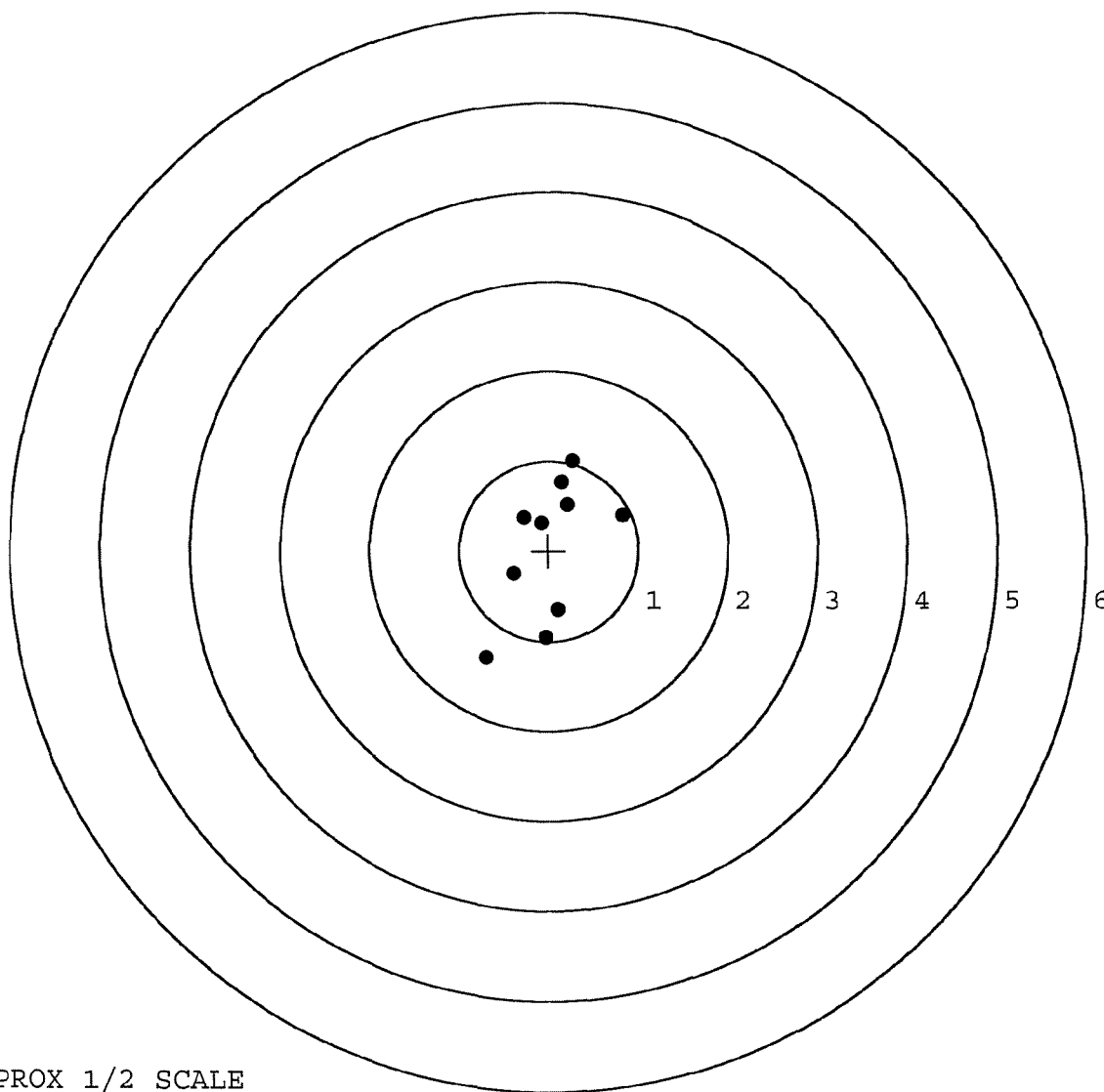
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0173870

SERIAL NUMBER: G6677040. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.696	-1.184
FILE DATE: 09/01/2007	2:	-0.037	-0.965
FILE TIME: 04:58	3:	0.106	-0.655
	4:	-0.389	-0.258
X CENTROID: 0.007	5:	0.822	0.398
Y CENTROID: 0.028	6:	0.271	0.997
POA TO CENTROID: 0.029	7:	0.148	0.761
HORZ SPREAD: 1.518	8:	0.209	0.509
VERT SPREAD: 2.181	9:	-0.085	0.310
GROUP SPREAD: 2.386	10:	-0.277	0.372
MIN RADIUS: 0.296			
MAX RADIUS: 1.402			
MEAN RADIUS: 0.748			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



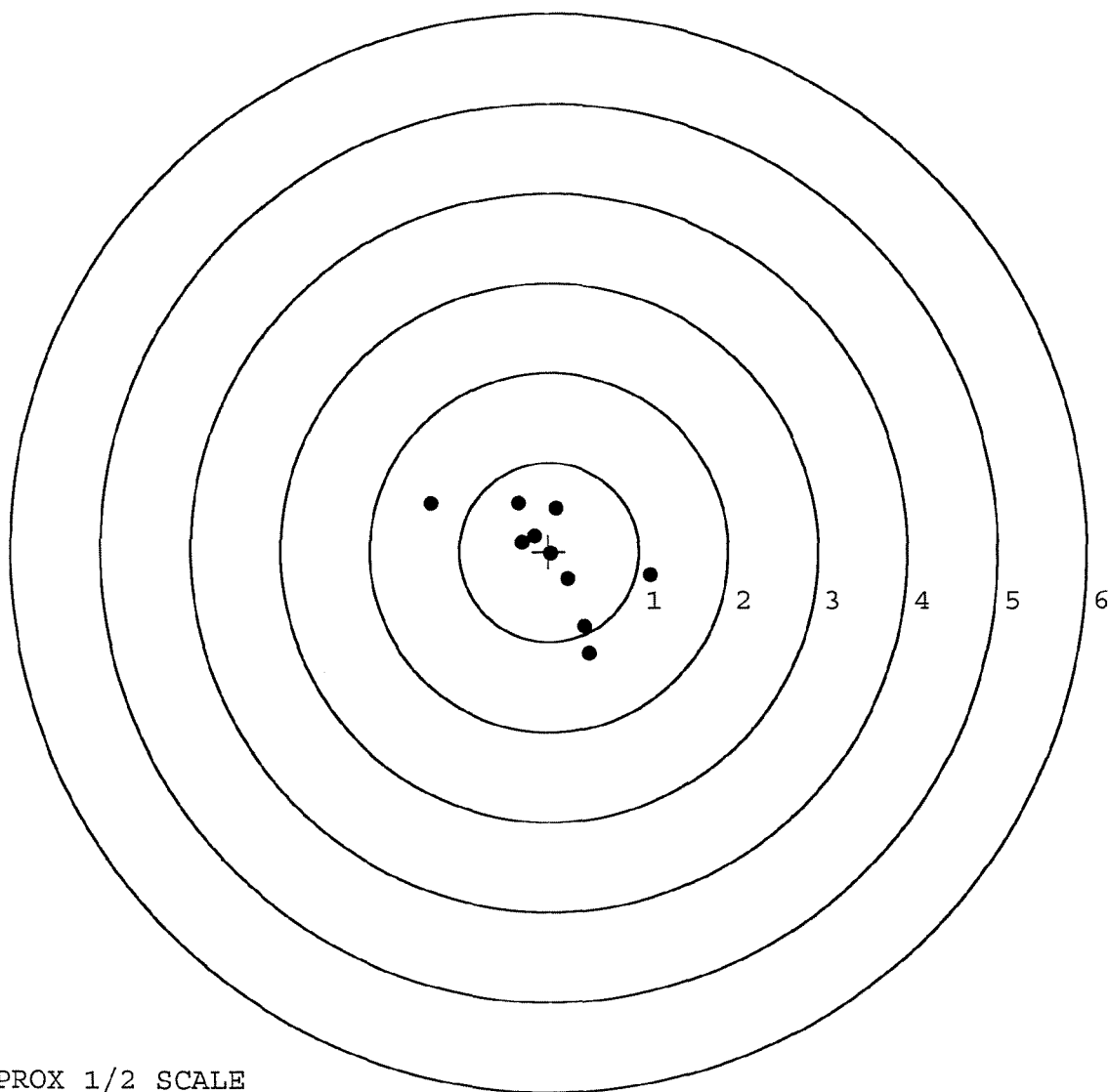
TARGET APPROX 1/2 SCALE

BARBER - M24 0173871

SERIAL NUMBER: G6677040. __0
 TARGET NUMBER: 3
 FILE DATE: 09/01/2007
 FILE TIME: 04:58

POINT#	X	Y
1:	1.128	-0.271
2:	0.451	-1.139
3:	0.399	-0.841
4:	0.208	-0.309
5:	0.084	0.481
6:	-0.335	0.542
7:	-1.316	0.536
8:	-0.304	0.103
9:	-0.160	0.177
10:	0.022	-0.024

X CENTROID: 0.018
 Y CENTROID: -0.074
 POA TO CENTROID: 0.077
 HORZ SPREAD: 2.444
 VERT SPREAD: 1.681
 GROUP SPREAD: 2.574
 MIN RADIUS: 0.051
 MAX RADIUS: 1.467
 MEAN RADIUS: 0.690
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0173872

SERIAL NUMBER: G6677040. __0

TARGET NUMBER: 4

FILE DATE: 09/01/2007

FILE TIME: 04:58

POINT#	X	Y
1:	0.089	-1.052
2:	-0.469	-0.836
3:	0.883	0.107
4:	0.411	0.266
5:	0.538	0.063
6:	0.168	-0.217
7:	-0.208	-0.222
8:	-0.010	0.185
9:	-0.259	0.317
10:	0.132	0.042

X CENTROID: 0.128

Y CENTROID: -0.135

POA TO CENTROID: 0.185

HORZ SPREAD: 1.352

VERT SPREAD: 1.369

GROUP SPREAD: 1.648

MIN RADIUS: 0.092

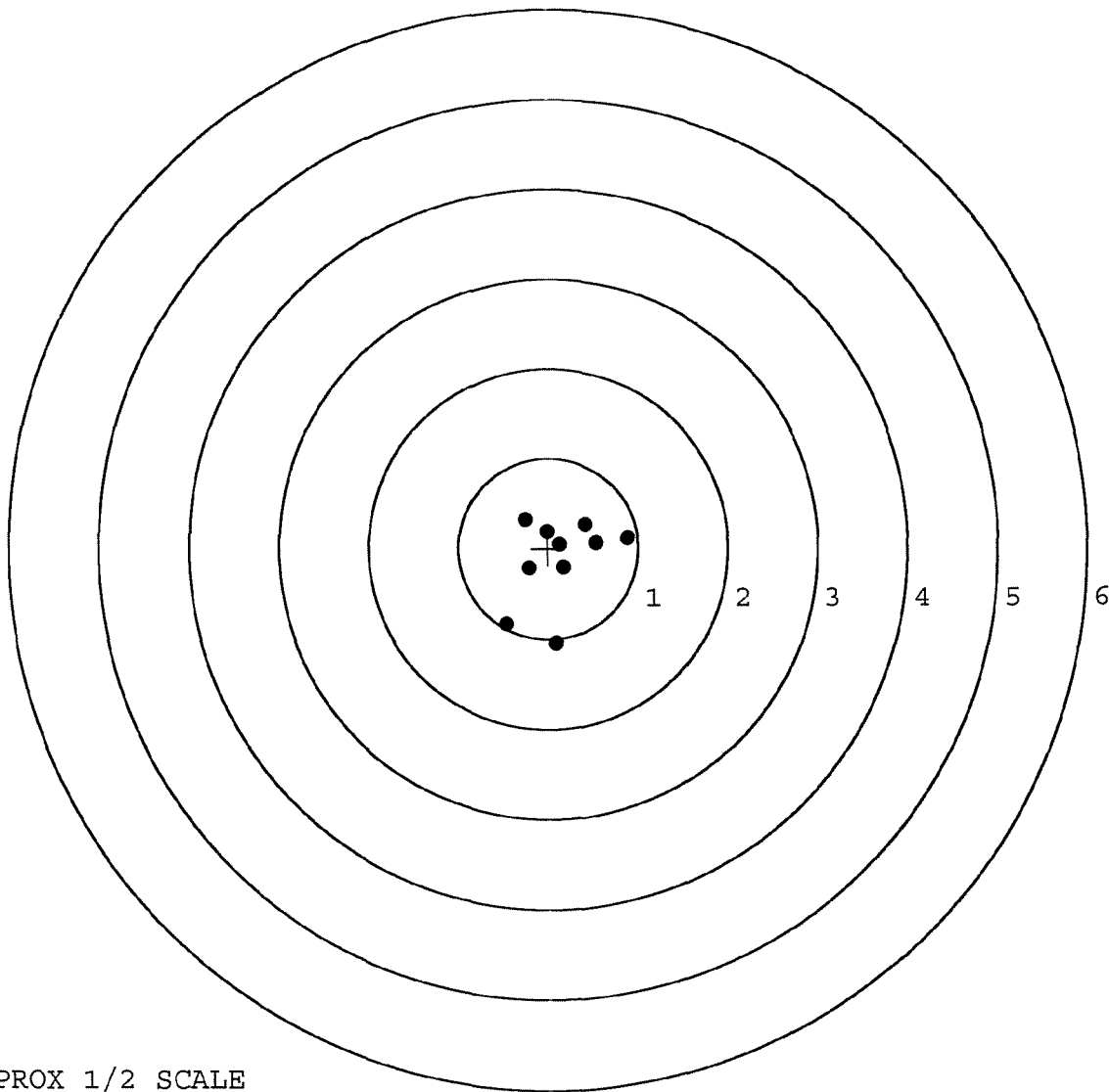
MAX RADIUS: 0.921

MEAN RADIUS: 0.514

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6677040. 0

TARGET NUMBER: 5

FILE DATE: 09/01/2007

FILE TIME: 04:58

POINT#	X	Y
1:	0.843	0.692
2:	0.587	-0.230
3:	0.369	-0.280
4:	-0.154	-0.623
5:	-0.019	-0.916
6:	-0.751	-0.236
7:	-0.052	0.393
8:	-0.246	0.318
9:	-0.291	0.154
10:	-0.197	-0.027

X CENTROID: 0.009

Y CENTROID: -0.075

POA TO CENTROID: 0.076

HORZ SPREAD: 1.594

VERT SPREAD: 1.608

GROUP SPREAD: 1.844

MIN RADIUS: 0.212

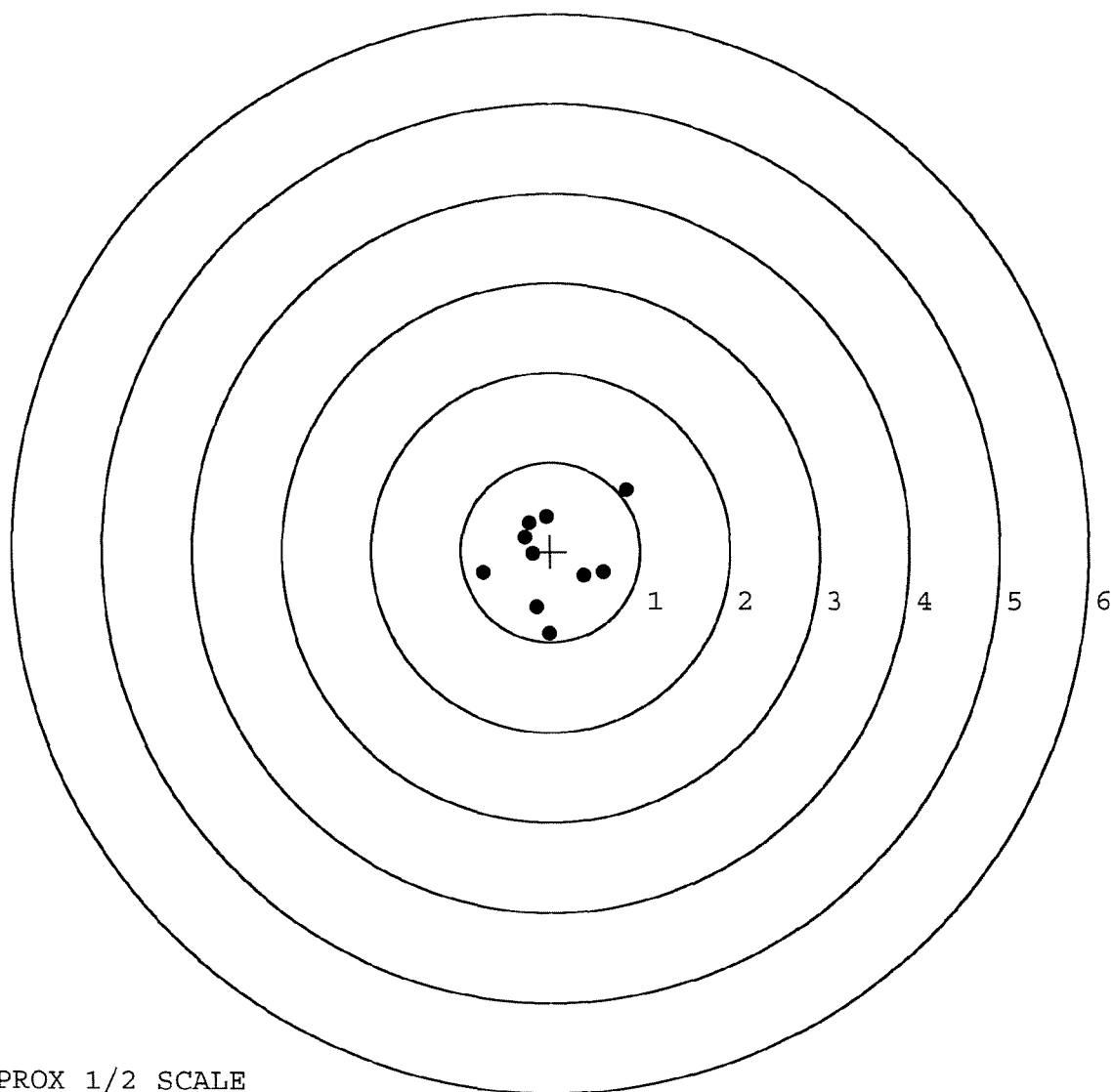
MAX RADIUS: 1.133

MEAN RADIUS: 0.587

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE