

G 6645333

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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



BM FORM

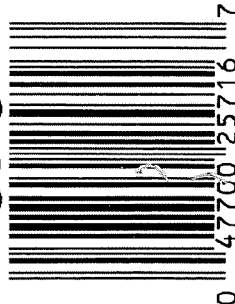
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645333

UPC



ORDER 25716

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

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UPC



SERIAL NO.



GUN SERIAL # G6645333

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-23-07	RP
420	ASSEMBLE ACTION		7-16-07	SD
430	ASSEMBLE TO STOCK		7/17/07	W
440	PROOF	MAGNA - FLUX	7/17/07	W
460	CHECK HEADSPACE	JUL 18 2007	7/17/07	W
470	DIS-ASSEMBLE ACTION		7-20-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>W</u>	7/24/07	W
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-24-07	CW
510	DRILL AND TAP SIGHT HOLES		7-23-07	SD
520	GOFF BLAST BBL / REC		7-24-07	LY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/27/07	RP
560	RE-ASSEMBLE ACTION		8/2/07	RP
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/2/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/2/07	RP
	D) OIL FIRING PIN ASSEMBLY		8/6/07	R.P.D.
	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>6.25</u> <u>5.75</u> <u>6.0</u>	8/9/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.25</u> <u>4.75</u> <u>4.50</u>	8/9/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		8/9/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.023</u>	8/9/07	mm
	J) ASSEMBLE STOCK		8/6/07	SPD
	K) ASSEMBLE SWIVEL STUDS		8/9/07	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8/7/07	mm
	MALFUNCTION <u>04</u>	CORRECTION <u>OK</u>	8/8/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <u>N/A</u>		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-7-07	SD
670	FINAL INSPECTION A) HEADSPACE		8/9/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>256</u> <u>243</u> <u>237</u> <u>234</u> <u>253</u>	8/9/07	mm
	C) FUNCTION		8/9/07	mm
690	PACK		8-20-07	SPD

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 7/12/07TESTER NSM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	254	223	228	
PULL #2	253	222	231	
PULL #3	250	219	231	
PULL #4	265	218	267	
PULL #5	242	218	235	
TOTAL	1264	11.00	11.92	
AVERAGE	253	2.20	2.38	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	291	309	
PULL #2	310	323	
PULL #3	310	318	
PULL #4	297	322	
PULL #5	313	326	
TOTAL	1521	15.98	
AVERAGE	304	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	4.06	4.10		4.19
PULL #2	4.09	4.13		4.18
PULL #3	3.98	4.04		4.16
PULL #4	4.00	4.01		4.15
PULL #5	4.09	4.65		4.16
TOTAL	20.22	20.33		20.84
AVERAGE	4.04	4.07		4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645333. __0

FILE DATE AND TIME: 08/08/2007 01:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.007
The Average Y Centroid of the Five Target Set:	-0.136
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.694
The Distance from POA to Centroid Target #1:	0.448
The Distance from Centroid Target #2 to Centroid Target #1:	0.418
The Distance from Centroid Target #3 to Centroid Target #1:	0.434
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.470

BARBER - M24 0171701

SERIAL NUMBER: G6645333. __0

TARGET NUMBER: 1

FILE DATE: 08/08/2007

FILE TIME: 01:02

POINT#	X	Y
1:	-0.113	0.393
2:	1.205	0.003
3:	0.326	-0.149
4:	0.489	-0.680
5:	1.203	-0.761
6:	-0.536	-0.974
7:	-0.613	-1.994
8:	-0.555	-0.181
9:	-0.443	0.130
10:	-0.093	-0.178

X CENTROID: 0.087

Y CENTROID: -0.439

POA TO CENTROID: 0.448

HORZ SPREAD: 1.818

VERT SPREAD: 2.387

GROUP SPREAD: 2.701

MIN RADIUS: 0.317

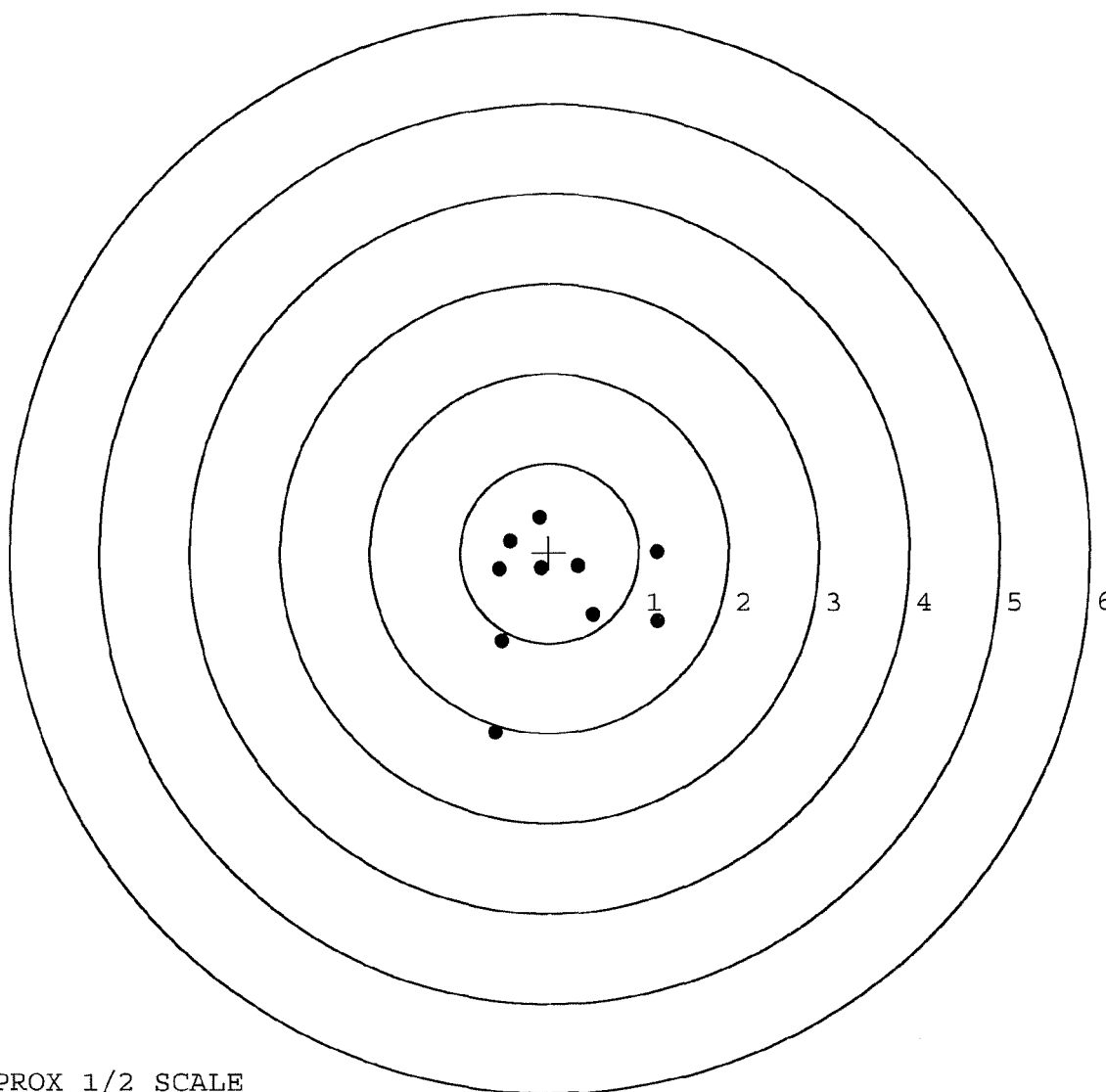
MAX RADIUS: 1.705

MEAN RADIUS: 0.838

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



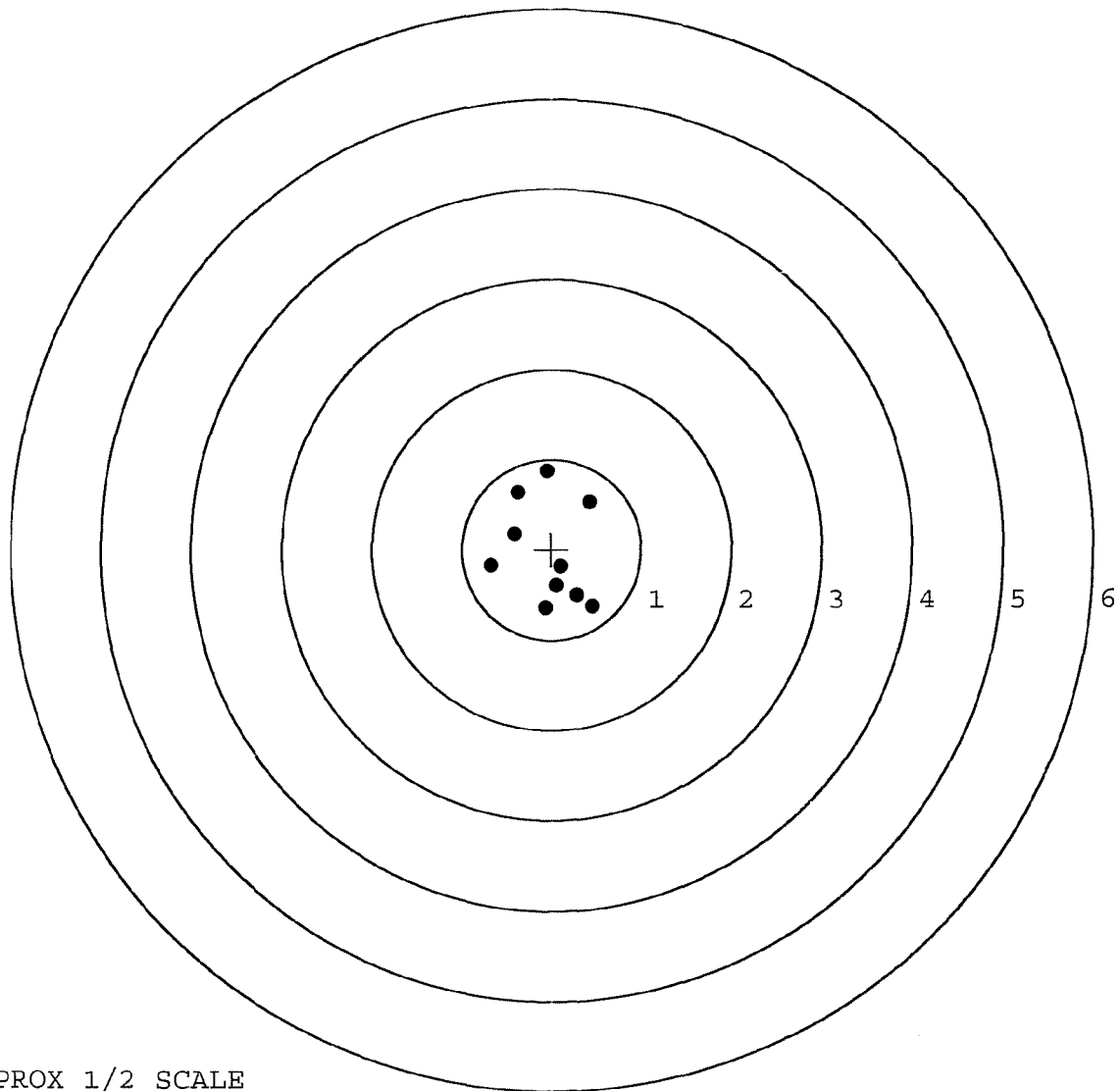
TARGET APPROX 1/2 SCALE

BARBER - M24 0171702

SERIAL NUMBER: G6645333. __ 0
 TARGET NUMBER: 2
 FILE DATE: 08/08/2007
 FILE TIME: 01:02

POINT#	X	Y
1:	-0.047	0.869
2:	0.426	0.523
3:	-0.374	0.629
4:	-0.417	0.168
5:	-0.678	-0.178
6:	0.105	-0.187
7:	0.056	-0.401
8:	-0.069	-0.652
9:	0.282	-0.506
10:	0.459	-0.633

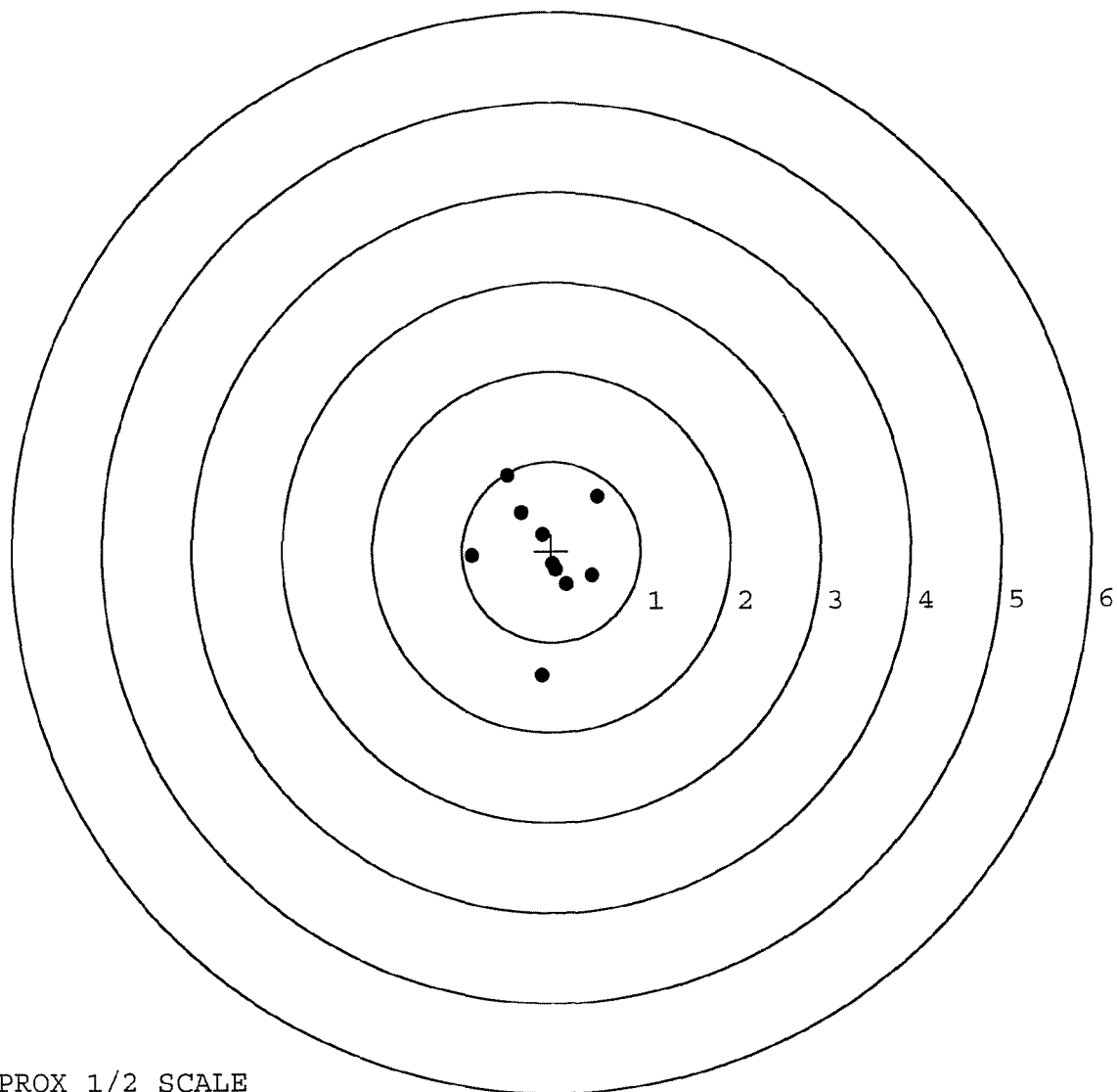
X CENTROID: -0.026
 Y CENTROID: -0.037
 POA TO CENTROID: 0.045
 HORZ SPREAD: 1.137
 VERT SPREAD: 1.521
 GROUP SPREAD: 1.585
 MIN RADIUS: 0.199
 MAX RADIUS: 0.906
 MEAN RADIUS: 0.600
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0171703

SERIAL NUMBER: G6645333. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.490	0.845
FILE DATE: 08/08/2007	2:	-0.336	0.427
FILE TIME: 01:02	3:	-0.097	0.183
	4:	-0.890	-0.047
X CENTROID: -0.072	5:	0.016	-0.142
Y CENTROID: -0.035	6:	0.170	-0.372
POA TO CENTROID: 0.080	7:	0.454	-0.268
HORZ SPREAD: 1.404	8:	0.514	0.607
VERT SPREAD: 2.219	9:	-0.113	-1.374
GROUP SPREAD: 2.251	10:	0.051	-0.211
MIN RADIUS: 0.138			
MAX RADIUS: 1.339			
MEAN RADIUS: 0.610			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



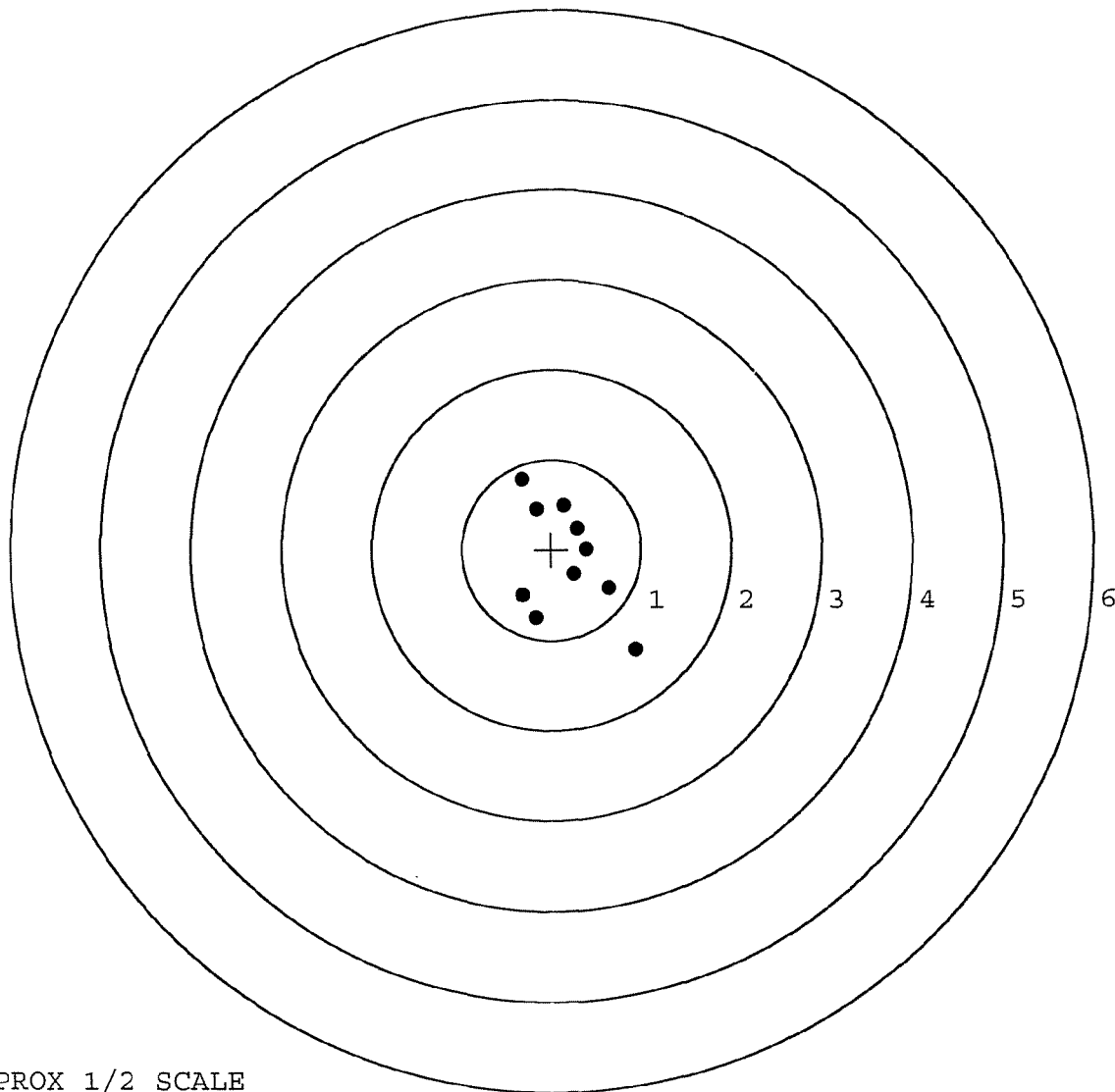
TARGET APPROX 1/2 SCALE

BARBER - M24 0171704

SERIAL NUMBER: G6645333. __0
 TARGET NUMBER: 4
 FILE DATE: 08/08/2007
 FILE TIME: 01:02

POINT#	X	Y
1:	-0.321	-0.502
2:	-0.177	-0.759
3:	0.250	-0.269
4:	0.642	-0.423
5:	0.941	-1.105
6:	0.392	0.008
7:	0.286	0.234
8:	0.140	0.489
9:	-0.168	0.450
10:	-0.328	0.786

X CENTROID: 0.166
 Y CENTROID: -0.109
 POA TO CENTROID: 0.198
 HORZ SPREAD: 1.269
 VERT SPREAD: 1.891
 GROUP SPREAD: 2.277
 MIN RADIUS: 0.181
 MAX RADIUS: 1.262
 MEAN RADIUS: 0.626
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0171705

SERIAL NUMBER: G6645333. __ 0

TARGET NUMBER: 5

FILE DATE: 08/08/2007

FILE TIME: 01:02

POINT#	X	Y
1:	-0.255	1.103
2:	-0.221	0.809
3:	-0.747	0.247
4:	-0.582	0.229
5:	0.426	0.289
6:	0.250	0.153
7:	-0.446	-0.474
8:	0.337	-0.648
9:	0.032	-1.189
10:	-0.692	-1.112

X CENTROID: -0.190

Y CENTROID: -0.059

POA TO CENTROID: 0.199

HORZ SPREAD: 1.173

VERT SPREAD: 2.292

GROUP SPREAD: 2.258

MIN RADIUS: 0.487

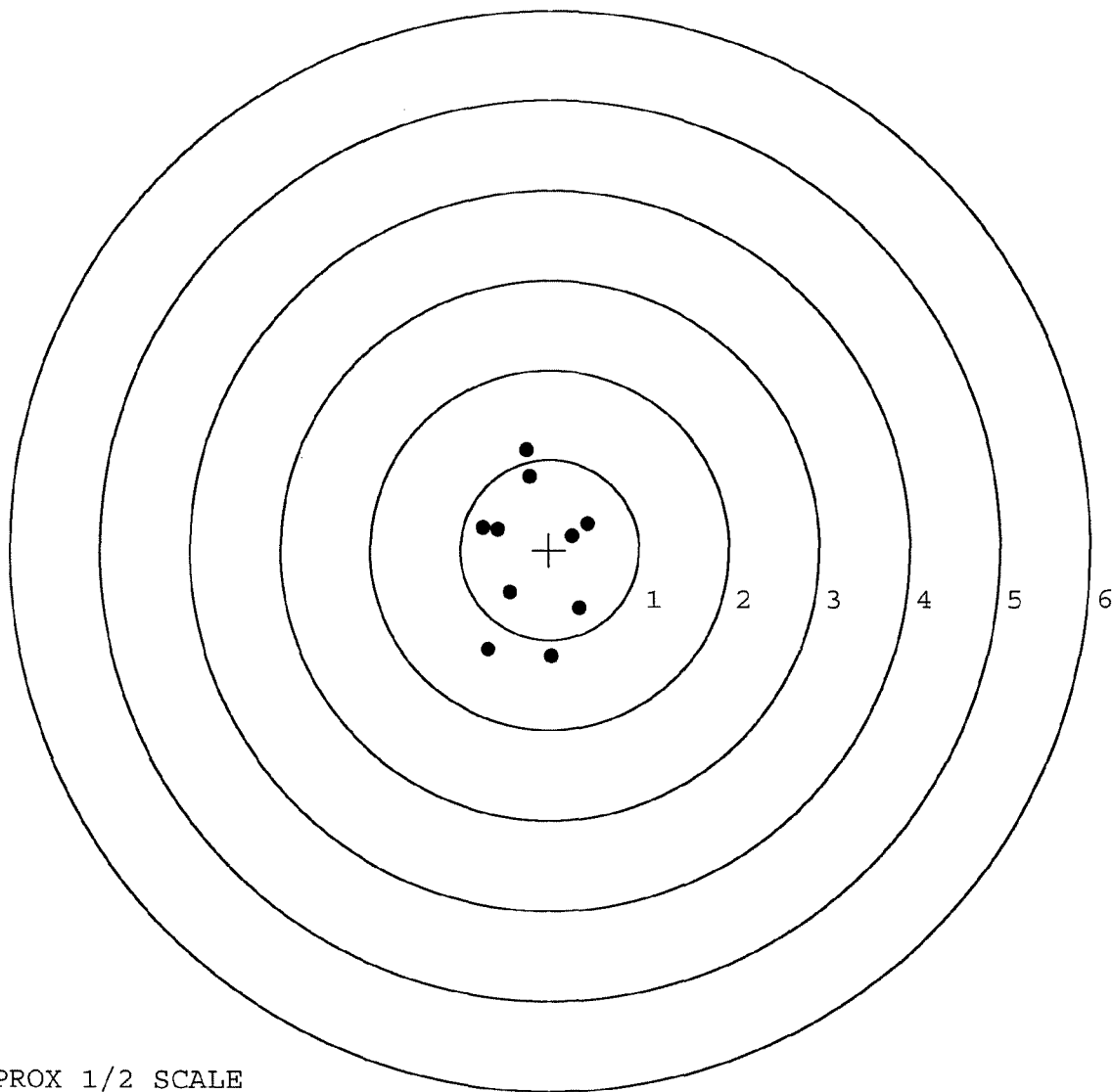
MAX RADIUS: 1.166

MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE