

G-6590052

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



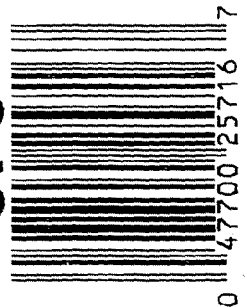
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590056

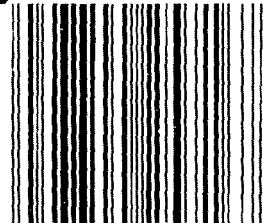
UPC



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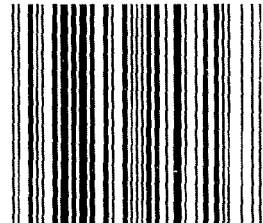


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66590056

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590056

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/21/06	RLC
420	ASSEMBLE ACTION		6/22/06	RLC
430	ASSEMBLE TO STOCK		6-23-06	R.P.
440	PROOF		6-23-06	TRLW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	6-23-06	TRLW
470	DIS-ASSEMBLE ACTION	JUN 27 2006	6-26-06 6-23-06	RLC P&P
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	6-27-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6-27-06	CW
510	DRILL AND TAP SIGHT HOLES		6-26-06	TRLW
520	GOFF BLAST BBL / REC		6-28-06	(R)
530 & 540	APPLY COATINGS (BARREL ACTION)		7/11	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-19-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-19-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-19-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		7-19-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-22-06	mm

F004 REV 5/2006

OF BARBER M24 0163951B			READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.0</u>	<u>7.5</u>	<u>7.0</u>	8-22-06	RA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>4.5</u>	<u>5.0</u>	<u>5.0</u>	8-22-06	RA		
	H) TRIGGER PULL TEST AND RETAINABILITY					8-22-06	MTM		
	I) FIRING PIN INDENT	.020 MIN	<u>1023</u>	<u>10235</u>	<u>0235</u>	8-22-06	RA		
	J) ASSEMBLE STOCK					7-19-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS					8-22-06	MTM		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					7-19-06	BLG		
	M) IRON SIGHT ALIGNMENT					7-19-06	BLG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					7-19-06	BLG		
640 & 650	FUNCTION TEST AND TARGET		PASS FAIL PASS FAIL			7-21-06	MTM		
	MALFUNCTION		CORRECTION			N/A			
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					7/21/06	94/D		
670	FINAL INSPECTION A) HEADSPACE					8-22-06	MTM		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>245</u>	<u>225</u>	<u>239</u>	<u>232</u>	<u>229</u>	8/22/06	RP
	C) FUNCTION					8-22-06	MTM		
690	PACK					11/13/06	RA		

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 7-18-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.31		2.47	
PULL #2	2.43	2.50		2.41	
PULL #3	2.48	2.36		2.44	
PULL #4	2.23	2.57		2.59	
PULL #5	2.50	2.53		2.56	
TOTAL	12.12	12.27		12.47	
AVERAGE	2.42	2.45		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.00		
PULL #2	3.05	3.10		
PULL #3	3.15	3.19		
PULL #4	3.09	3.07		
PULL #5	3.12	2.92		
TOTAL	15.62	15.28		
AVERAGE	3.12	3.05		

	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	4.12	4.23		4.13
PULL #2	3.99	4.18		4.06
PULL #3	4.03	4.22		4.19
PULL #4	4.15	4.24		3.98
PULL #5	4.16	4.06		4.14
TOTAL	20.45	20.93		20.50
AVERAGE	4.09	4.18		4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590056.___0
FILE DATE AND TIME: 07/21/2006 16:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.081
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.095
The Distance from Centroid Target #2 to Centroid Target #1:	0.191
The Distance from Centroid Target #3 to Centroid Target #1:	0.374
The Distance from Centroid Target #4 to Centroid Target #1:	0.379
The Distance from Centroid Target #5 to Centroid Target #1:	0.163

SERIAL NUMBER: G6590056. __0

TARGET NUMBER: 1

FILE DATE: 07/21/2006

FILE TIME: 16:59

X CENTROID: -0.060

Y CENTROID: -0.074

POA TO CENTROID: 0.095

HORZ SPREAD: 1.884

VERT SPREAD: 1.786

GROUP SPREAD: 1.936

MIN RADIUS: 0.201

MAX RADIUS: 1.273

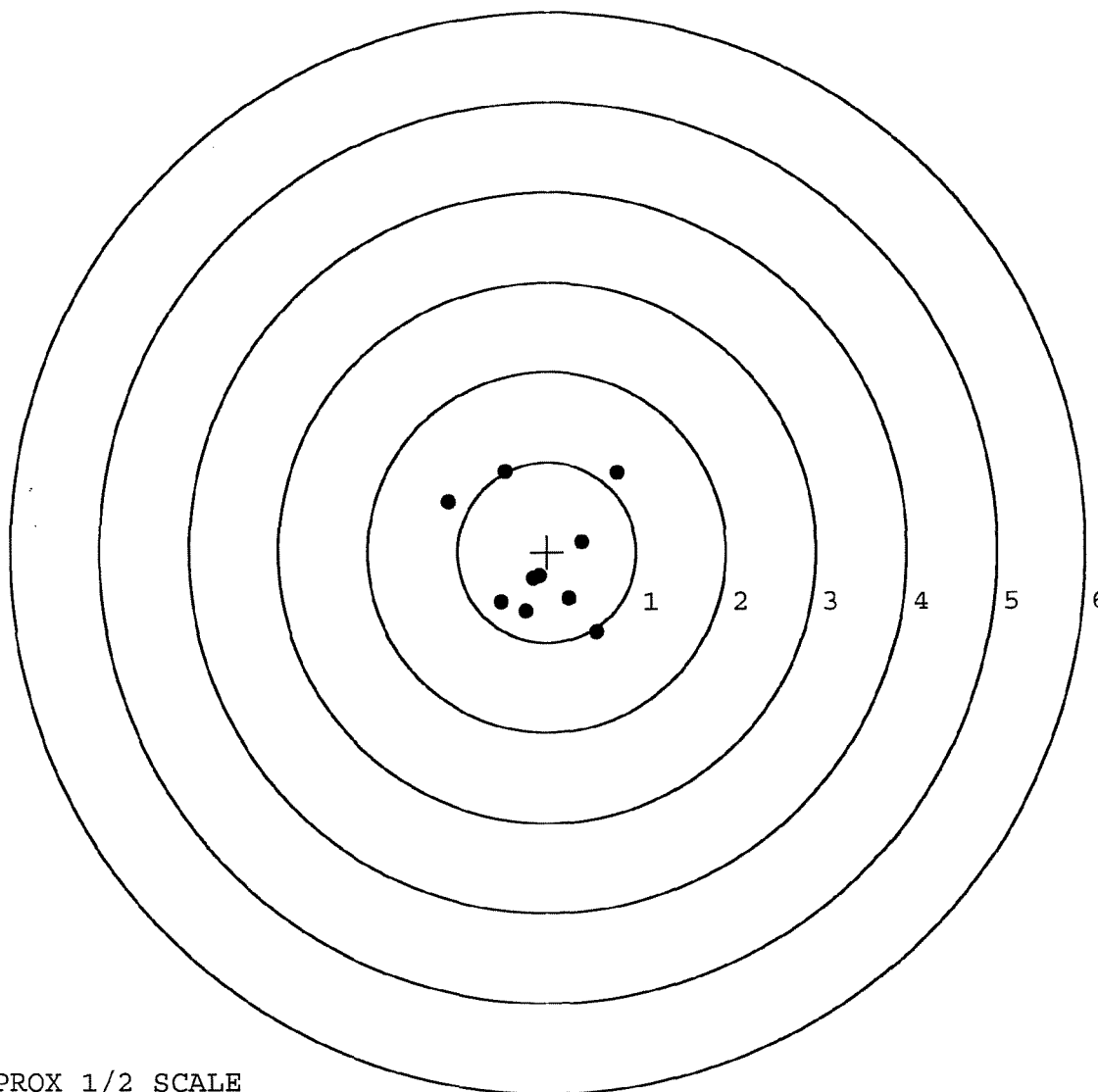
MEAN RADIUS: 0.732

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.514	-0.557
2:	-0.240	-0.663
3:	-0.088	-0.273
4:	0.242	-0.518
5:	0.558	-0.890
6:	0.393	0.117
7:	0.782	0.881
8:	-0.472	0.896
9:	-1.102	0.560
10:	-0.157	-0.296



TARGET APPROX 1/2 SCALE

BARBER - M24 0163922

SERIAL NUMBER: G6590056. __0

TARGET NUMBER: 2

FILE DATE: 07/21/2006

FILE TIME: 16:59

POINT#	X	Y
1:	-0.707	-0.300
2:	-0.408	-0.217
3:	0.247	-0.127
4:	0.552	0.136
5:	0.828	-0.145
6:	1.023	0.012
7:	-0.126	0.386
8:	0.021	0.639
9:	-0.118	0.871
10:	-0.066	-1.483

X CENTROID: 0.125

Y CENTROID: -0.023

POA TO CENTROID: 0.127

HORZ SPREAD: 1.730

VERT SPREAD: 2.354

GROUP SPREAD: 2.355

MIN RADIUS: 0.161

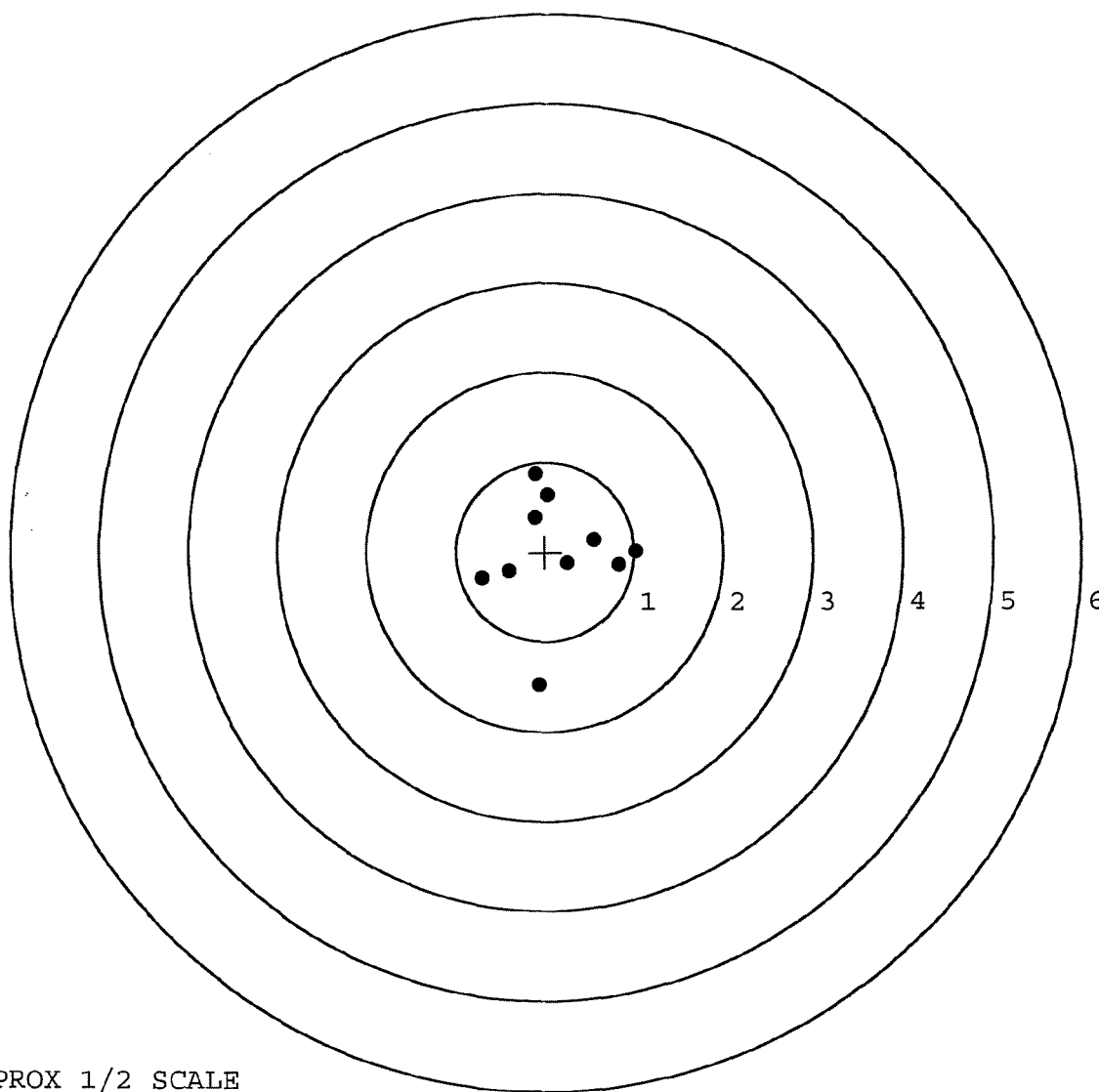
MAX RADIUS: 1.473

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590056. __0

TARGET NUMBER: 3

FILE DATE: 07/21/2006

FILE TIME: 16:59

X CENTROID: -0.062

Y CENTROID: 0.300

POA TO CENTROID: 0.306

HORZ SPREAD: 1.363

VERT SPREAD: 2.172

GROUP SPREAD: 2.175

MIN RADIUS: 0.095

MAX RADIUS: 1.239

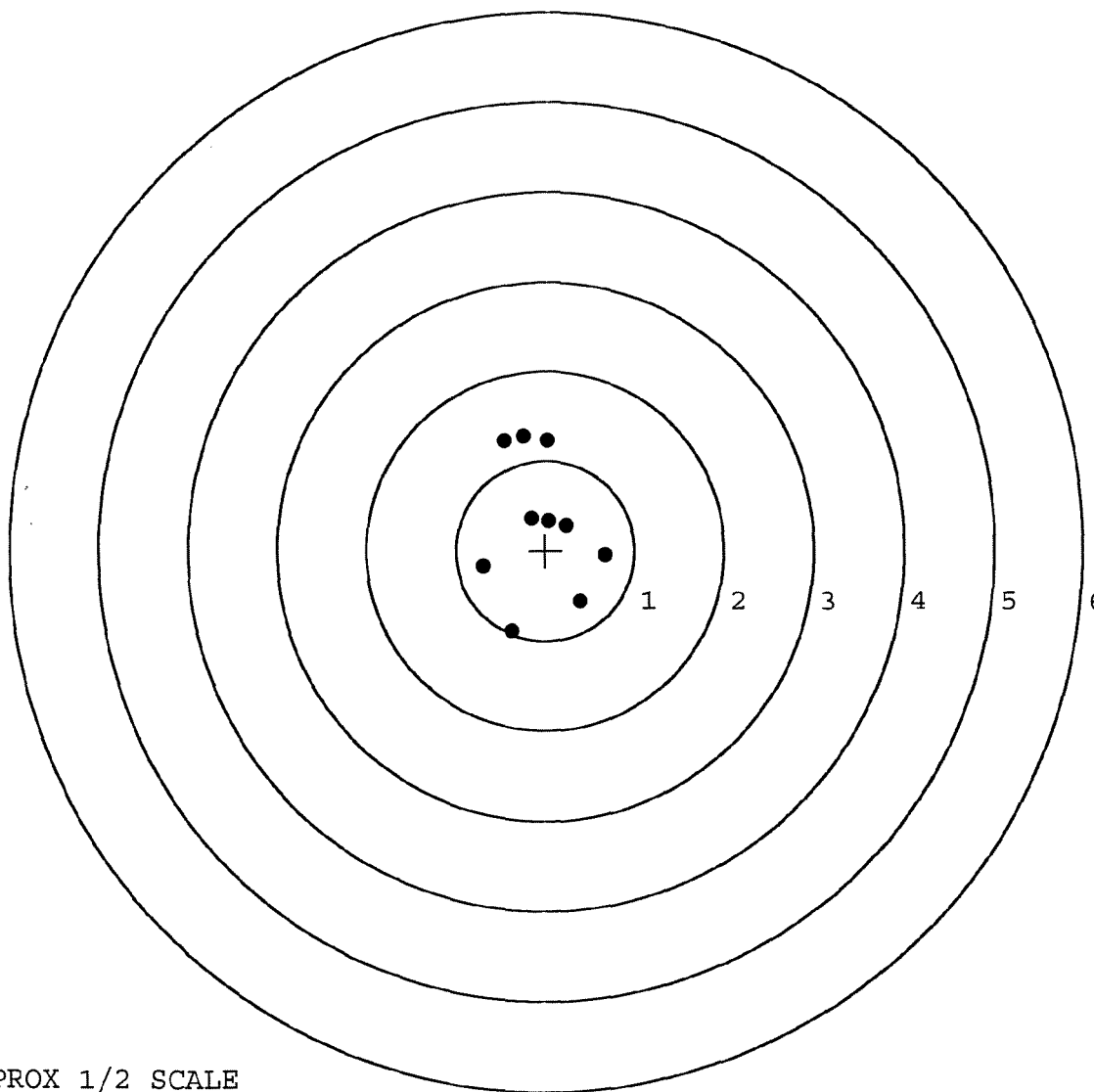
MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.468	1.220
2:	0.018	1.223
3:	-0.163	0.356
4:	0.228	0.282
5:	0.667	-0.047
6:	0.399	-0.564
7:	-0.376	-0.899
8:	-0.696	-0.177
9:	0.029	0.329
10:	-0.256	1.273

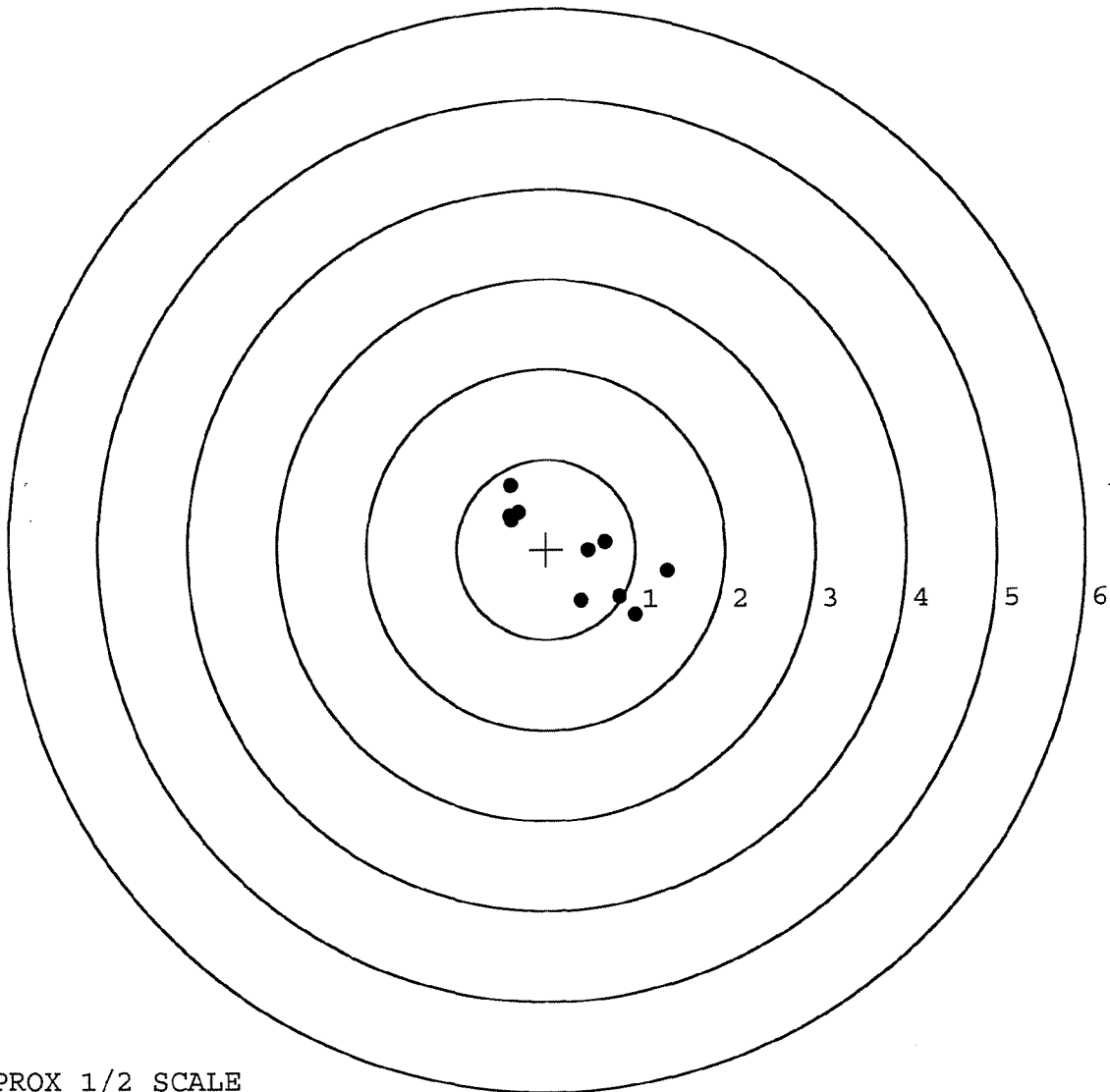


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590056. __0
 TARGET NUMBER: 4
 FILE DATE: 07/21/2006
 FILE TIME: 16:59

POINT#	X	Y
1:	0.393	-0.572
2:	0.816	-0.533
3:	0.997	-0.730
4:	1.354	-0.248
5:	-0.395	0.331
6:	-0.406	0.711
7:	-0.419	0.372
8:	-0.315	0.410
9:	0.469	-0.008
10:	0.657	0.083

X CENTROID: 0.315
 Y CENTROID: -0.018
 POA TO CENTROID: 0.316
 HORZ SPREAD: 1.773
 VERT SPREAD: 1.441
 GROUP SPREAD: 2.004
 MIN RADIUS: 0.154
 MAX RADIUS: 1.064
 MEAN RADIUS: 0.725
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590056. __0

TARGET NUMBER: 5

FILE DATE: 07/21/2006

FILE TIME: 16:59

X CENTROID: 0.086

Y CENTROID: -0.148

POA TO CENTROID: 0.171

HORZ SPREAD: 1.995

VERT SPREAD: 1.953

GROUP SPREAD: 1.956

MIN RADIUS: 0.442

MAX RADIUS: 1.194

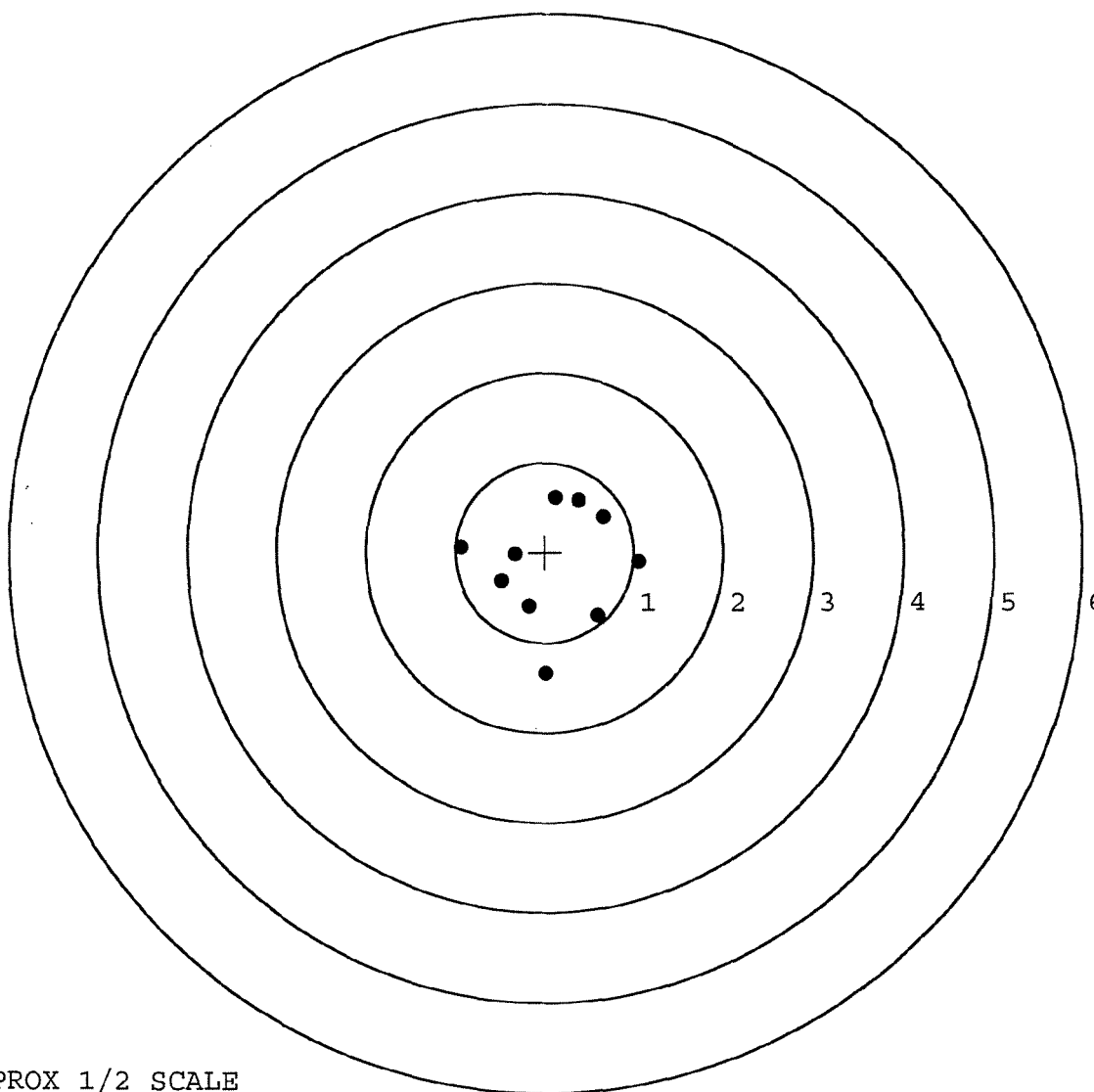
MEAN RADIUS: 0.786

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.938	0.051
2:	-0.339	-0.027
3:	-0.493	-0.323
4:	-0.178	-0.606
5:	0.015	-1.340
6:	0.594	-0.705
7:	1.057	-0.110
8:	0.651	0.391
9:	0.379	0.578
10:	0.114	0.613



TARGET APPROX 1/2 SCALE