

G 653 5302

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

-- INSTRUCTION BOOK 3518

DD FORM 1651

proof of purchase



owner registration sticker



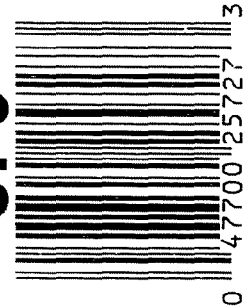
ORDER NO. 25727

BARREL LENGTH 24"

CAPACITY 5

G6535302

UPC



ORDER 25727

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

UPC

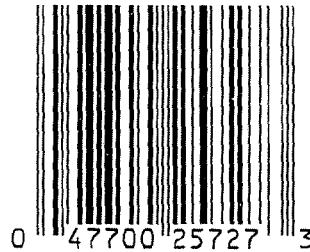


0 47700 25727 3

ORDER 25727

M/24 7.62 NATO S.W.S (SCOPE & SIGHTS)

UPC



0 47700 25727 3

SERIAL NO.



G6535302

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535302

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-22-06	RTZ
420	ASSEMBLE ACTION		8-22-06	RTZ
430	ASSEMBLE TO STOCK		8-23-06	RP
440	PROOF		8-23-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-23-06	TRW
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-23-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	8/24/06	<u>mm</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-23-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/30/06	<u>mm</u>
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-5-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-5-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-5-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-5-06	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>5.5</u> <u>5.4</u> <u>5.5</u>	9-7-06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	9-7-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	9-7-06	RA
	J) ASSEMBLE STOCK		9-5-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		9-27-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-5-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-5-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-5-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-5-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-5-06	RTZ
670	FINAL INSPECTION A) HEADSPACE		9-27-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.79</u> <u>2.82</u> <u>2.56</u> <u>2.81</u> <u>2.73</u>	9-7-06	RA
	C) FUNCTION		9-27-06	RTZ
690	PACK			

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 9-1-06

TESTER MTH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.46		2.44	
PULL #2	2.44	2.52		2.41	
PULL #3	2.68	2.66		2.57	
PULL #4	2.42	2.41		2.45	
PULL #5	2.43	2.30		2.69	
TOTAL	12.52	12.35		12.56	
AVERAGE	2.50	2.47		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.88	3.06		
PULL #2	2.97	2.85		
PULL #3	2.83	2.90		
PULL #4	2.93	3.19		
PULL #5	3.12	2.88		
TOTAL	14.73	14.88		
AVERAGE	2.95	2.98		

	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	4.08	3.99		3.95
PULL #2	4.05	3.75		3.87
PULL #3	4.24	3.74		3.94
PULL #4	3.80	3.76		4.22
PULL #5	4.02	3.72		4.05
TOTAL	20.19	18.96		20.03
AVERAGE	4.04	3.79		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535302.__0
FILE DATE AND TIME: 09/05/2006 20:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	0.050
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.700
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.114
The Distance from Centroid Target #3 to Centroid Target #1:	0.251
The Distance from Centroid Target #4 to Centroid Target #1:	0.124
The Distance from Centroid Target #5 to Centroid Target #1:	0.045

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 1

FILE DATE: 09/05/2006

FILE TIME: 20:34

POINT#	X	Y
1:	0.170	1.178
2:	-0.042	1.076
3:	0.060	0.400
4:	0.822	-0.602
5:	-0.923	-0.044
6:	-0.315	-0.150
7:	0.376	-0.430
8:	0.170	-0.420
9:	-0.024	-0.099
10:	0.169	-0.201

X CENTROID: 0.046

Y CENTROID: 0.071

POA TO CENTROID: 0.085

HORZ SPREAD: 1.745

VERT SPREAD: 1.780

GROUP SPREAD: 1.896

MIN RADIUS: 0.184

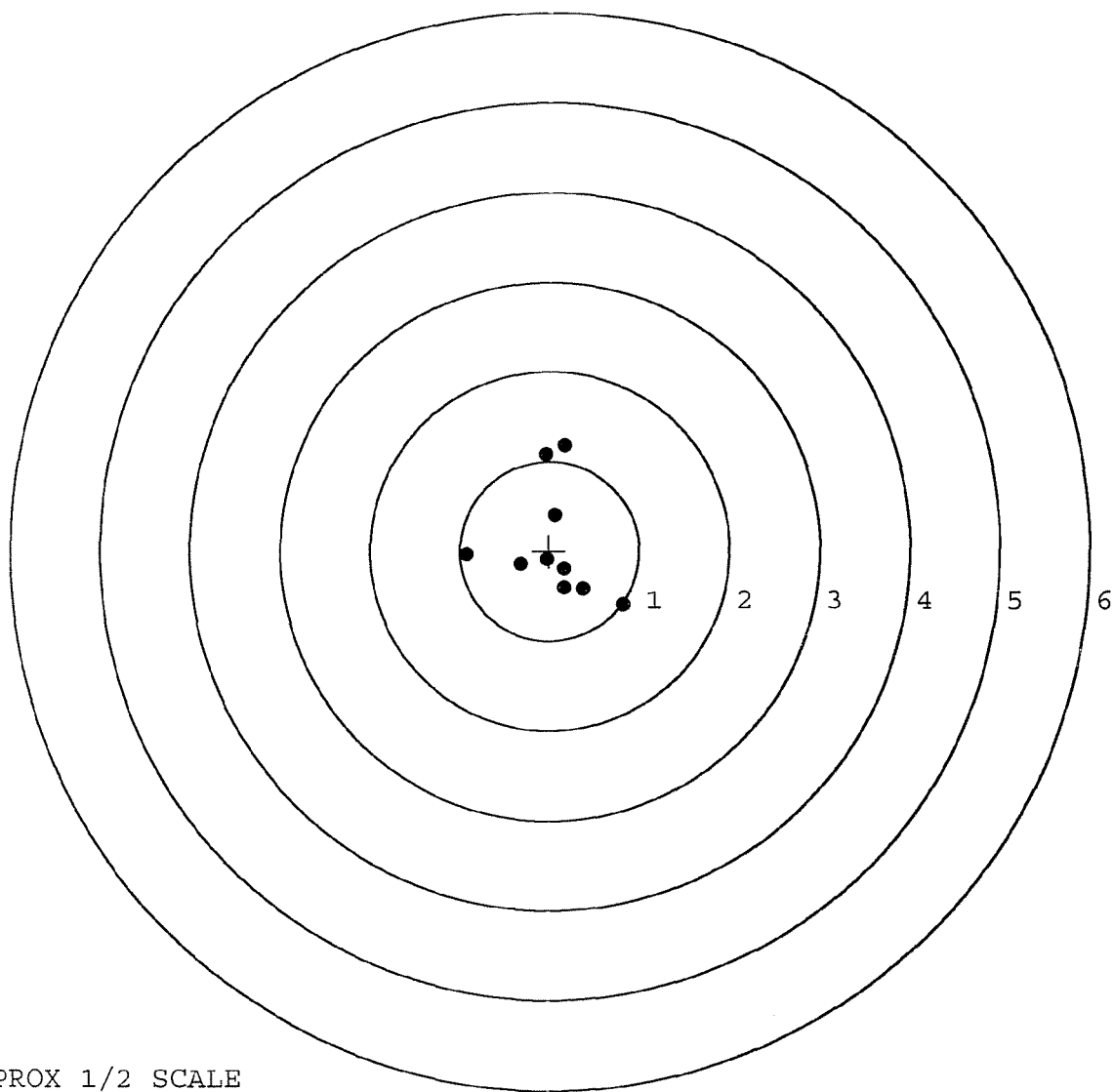
MAX RADIUS: 1.114

MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 2

FILE DATE: 09/05/2006

FILE TIME: 20:34

POINT#	X	Y
--------	---	---

1:	0.931	-0.899
----	-------	--------

2:	0.010	-0.696
----	-------	--------

3:	1.051	0.273
----	-------	-------

4:	0.622	0.427
----	-------	-------

5:	0.212	0.555
----	-------	-------

6:	-0.860	0.268
----	--------	-------

7:	-0.478	0.259
----	--------	-------

8:	0.006	-0.168
----	-------	--------

9:	-0.135	0.052
----	--------	-------

10:	0.157	0.208
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X CENTROID: 0.152

Y CENTROID: 0.028

POA TO CENTROID: 0.154

HORZ SPREAD: 1.911

VERT SPREAD: 1.454

GROUP SPREAD: 2.138

MIN RADIUS: 0.180

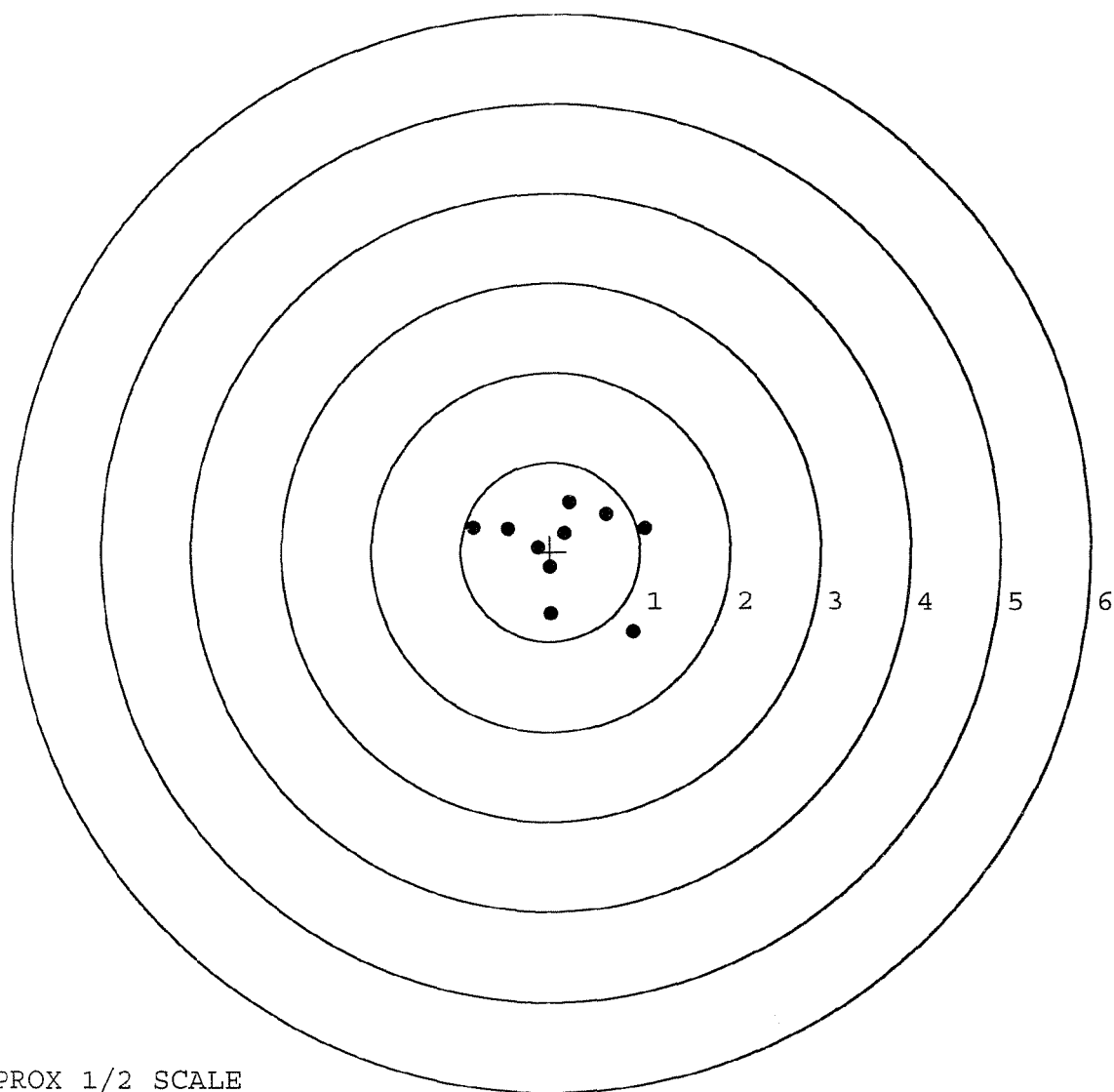
MAX RADIUS: 1.211

MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. 0

TARGET NUMBER: 3

FILE DATE: 09/05/2006

FILE TIME: 20:34

POINT#	X	Y
1:	0.429	-1.010
2:	0.696	-0.300
3:	0.984	-0.083
4:	0.918	0.528
5:	-0.705	-0.621
6:	0.026	0.466
7:	-0.636	0.289
8:	-0.705	1.080
9:	-1.399	0.681
10:	-1.490	0.586

X CENTROID: -0.188

Y CENTROID: 0.162

POA TO CENTROID: 0.248

HORZ SPREAD: 2.474

VERT SPREAD: 2.090

GROUP SPREAD: 2.563

MIN RADIUS: 0.372

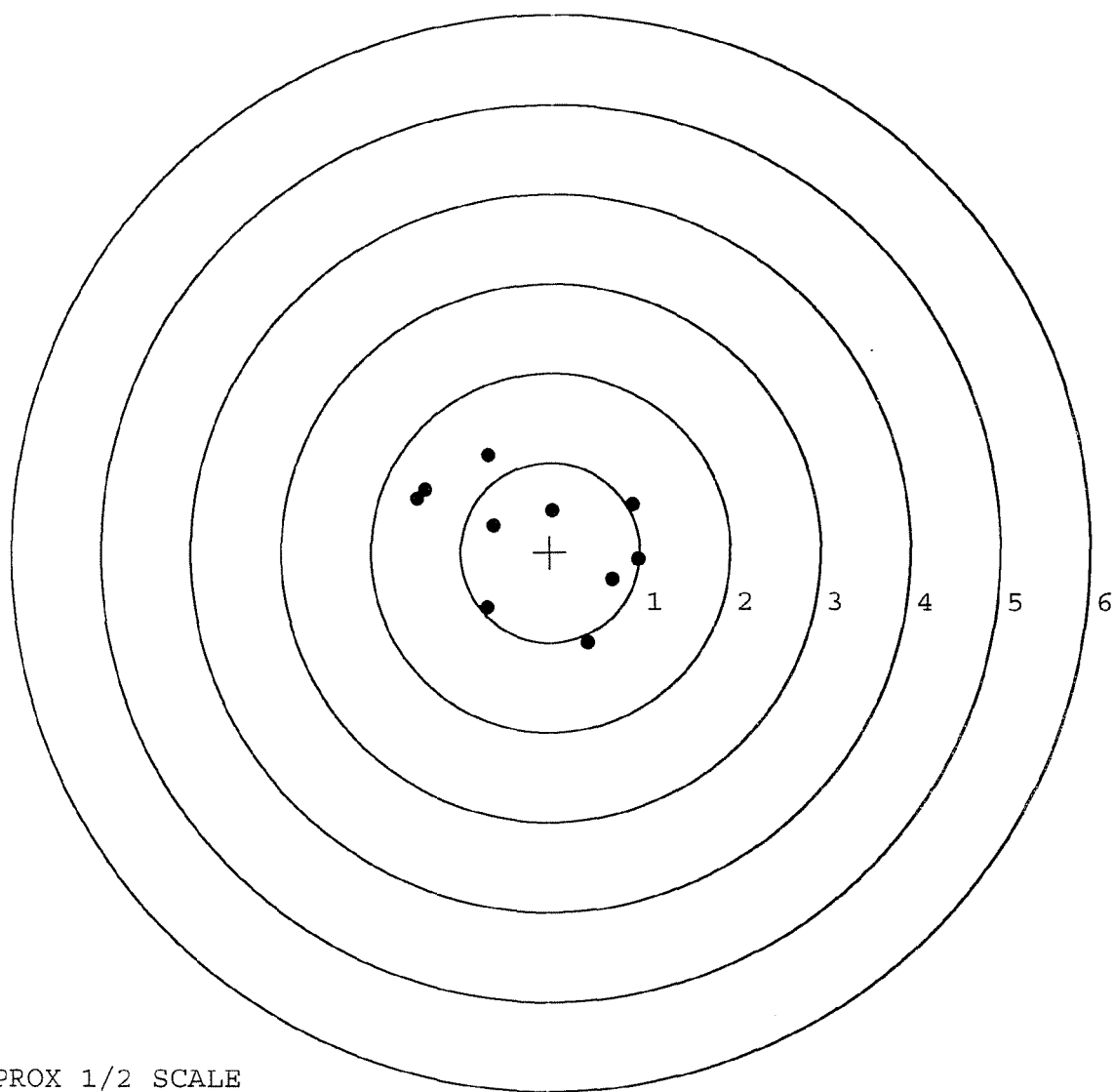
MAX RADIUS: 1.369

MEAN RADIUS: 1.020

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10

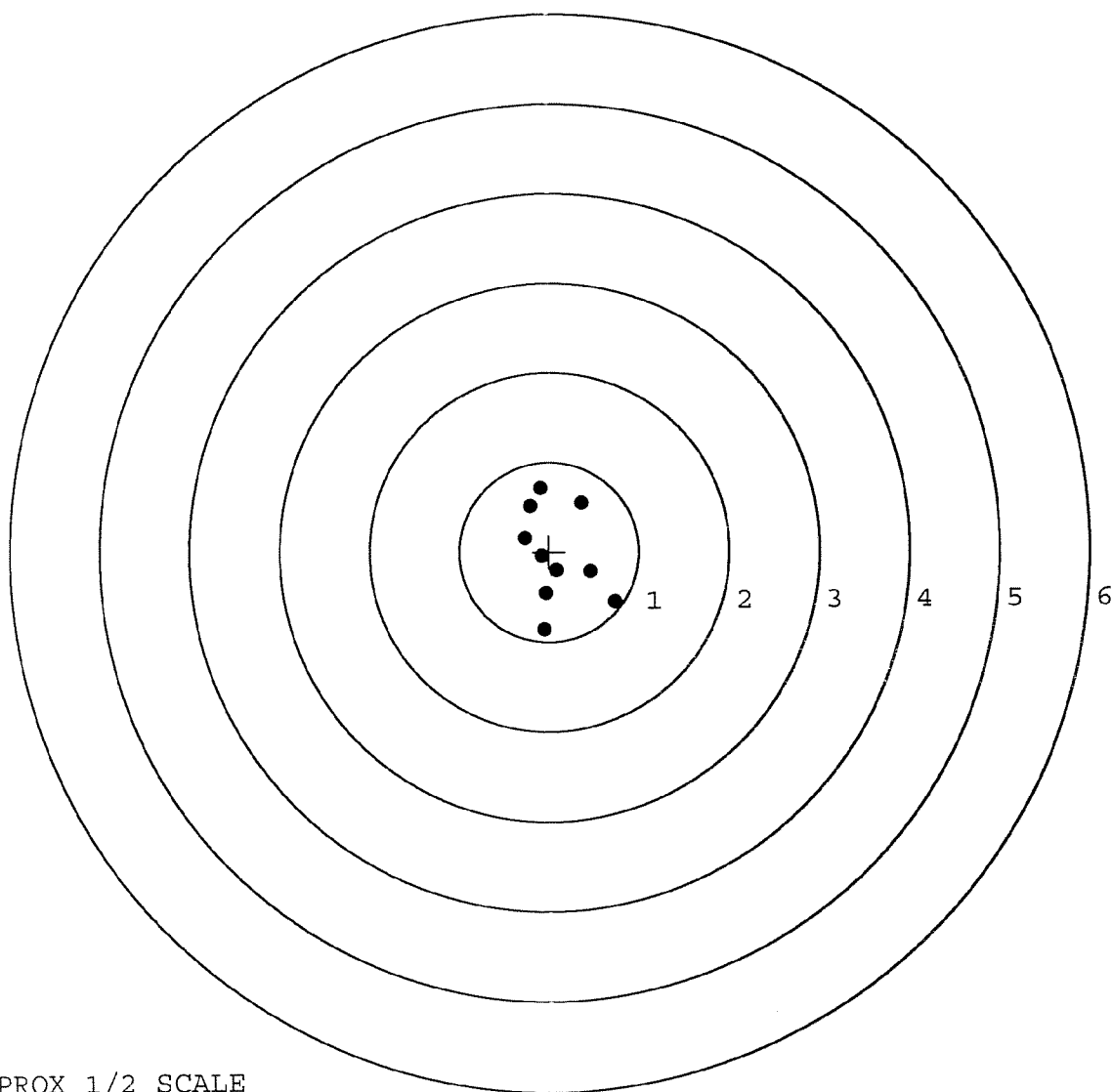


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. __0
TARGET NUMBER: 4
FILE DATE: 09/05/2006
FILE TIME: 20:34

X CENTROID: 0.088
Y CENTROID: -0.046
POA TO CENTROID: 0.099
HORZ SPREAD: 1.006
VERT SPREAD: 1.578
GROUP SPREAD: 1.578
MIN RADIUS: 0.166
MAX RADIUS: 0.835
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.060	-0.867
2:	0.735	-0.564
3:	0.460	-0.224
4:	-0.037	-0.465
5:	0.080	-0.211
6:	-0.083	-0.048
7:	-0.271	0.159
8:	0.361	0.546
9:	-0.097	0.711
10:	-0.211	0.507



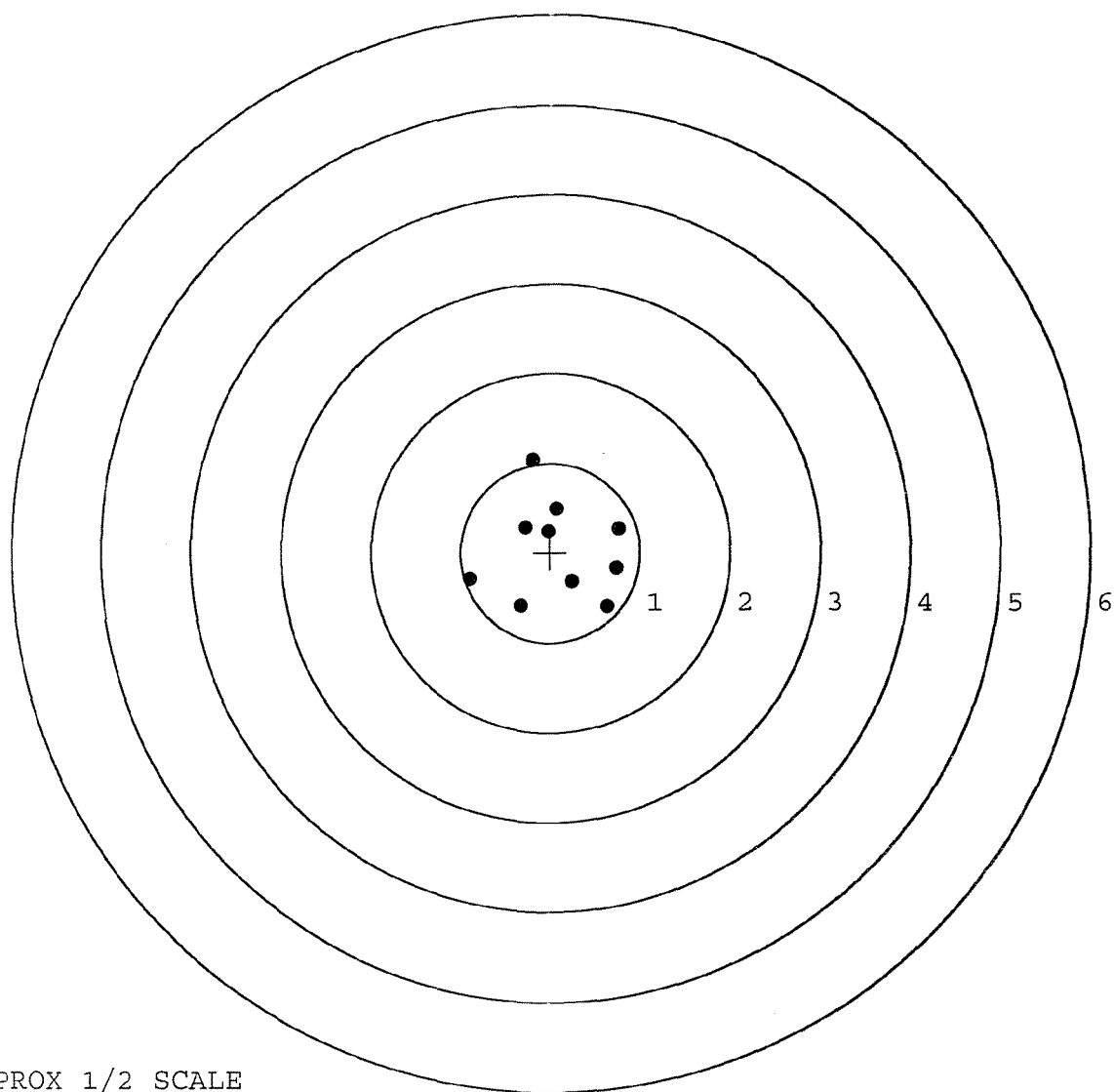
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. 0
TARGET NUMBER: 5
FILE DATE: 09/05/2006
FILE TIME: 20:34

X CENTROID: 0.072
Y CENTROID: 0.034
POA TO CENTROID: 0.080
HORZ SPREAD: 1.656
VERT SPREAD: 1.630
GROUP SPREAD: 1.831
MIN RADIUS: 0.221
MAX RADIUS: 1.037
MEAN RADIUS: 0.658

POINT#	X	Y
1:	-0.896	-0.299
2:	-0.329	-0.591
3:	0.634	-0.595
4:	0.245	-0.321
5:	0.741	-0.170
6:	0.760	0.271
7:	-0.018	0.236
8:	-0.283	0.284
9:	0.067	0.491
10:	-0.201	1.035

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535302.__1

FILE DATE AND TIME: 10/17/2006 13:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

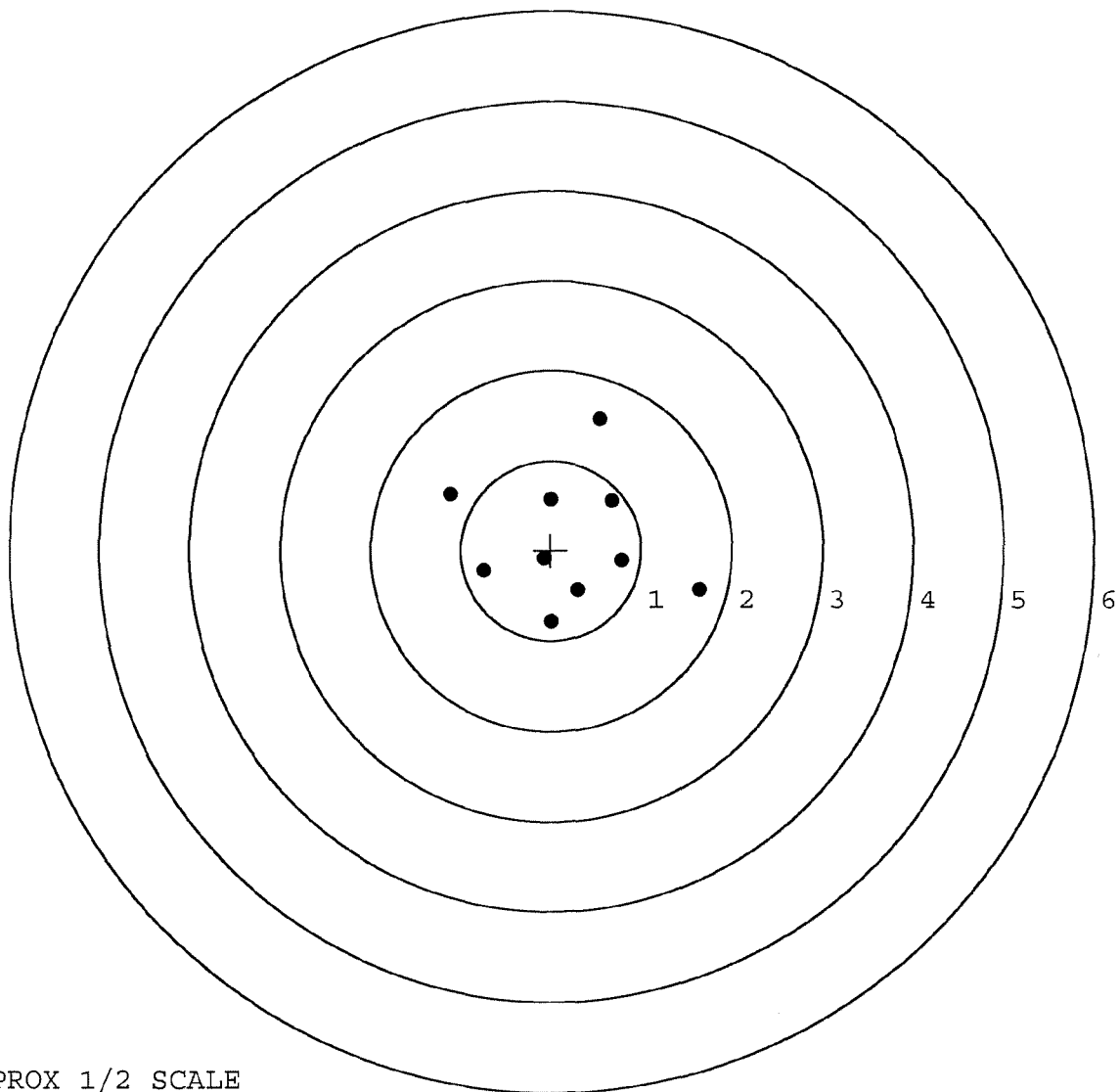
The Average X Centroid of the Five Target Set:	0.073
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.230
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.237
The Distance from Centroid Target #4 to Centroid Target #1:	0.341
The Distance from Centroid Target #5 to Centroid Target #1:	0.374

SERIAL NUMBER: G6535302.___1
TARGET NUMBER: 1
FILE DATE: 10/17/2006
FILE TIME: 13:48

X CENTROID: 0.203
Y CENTROID: 0.109
POA TO CENTROID: 0.230
HORZ SPREAD: 2.759
VERT SPREAD: 2.259
GROUP SPREAD: 2.957
MIN RADIUS: 0.344
MAX RADIUS: 1.541
MEAN RADIUS: 0.897

POINT#	X	Y
1:	1.643	-0.440
2:	0.535	1.464
3:	0.680	0.557
4:	0.788	-0.118
5:	0.012	-0.795
6:	0.301	-0.446
7:	-0.074	-0.094
8:	0.000	0.570
9:	-0.740	-0.228
10:	-1.116	0.623

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

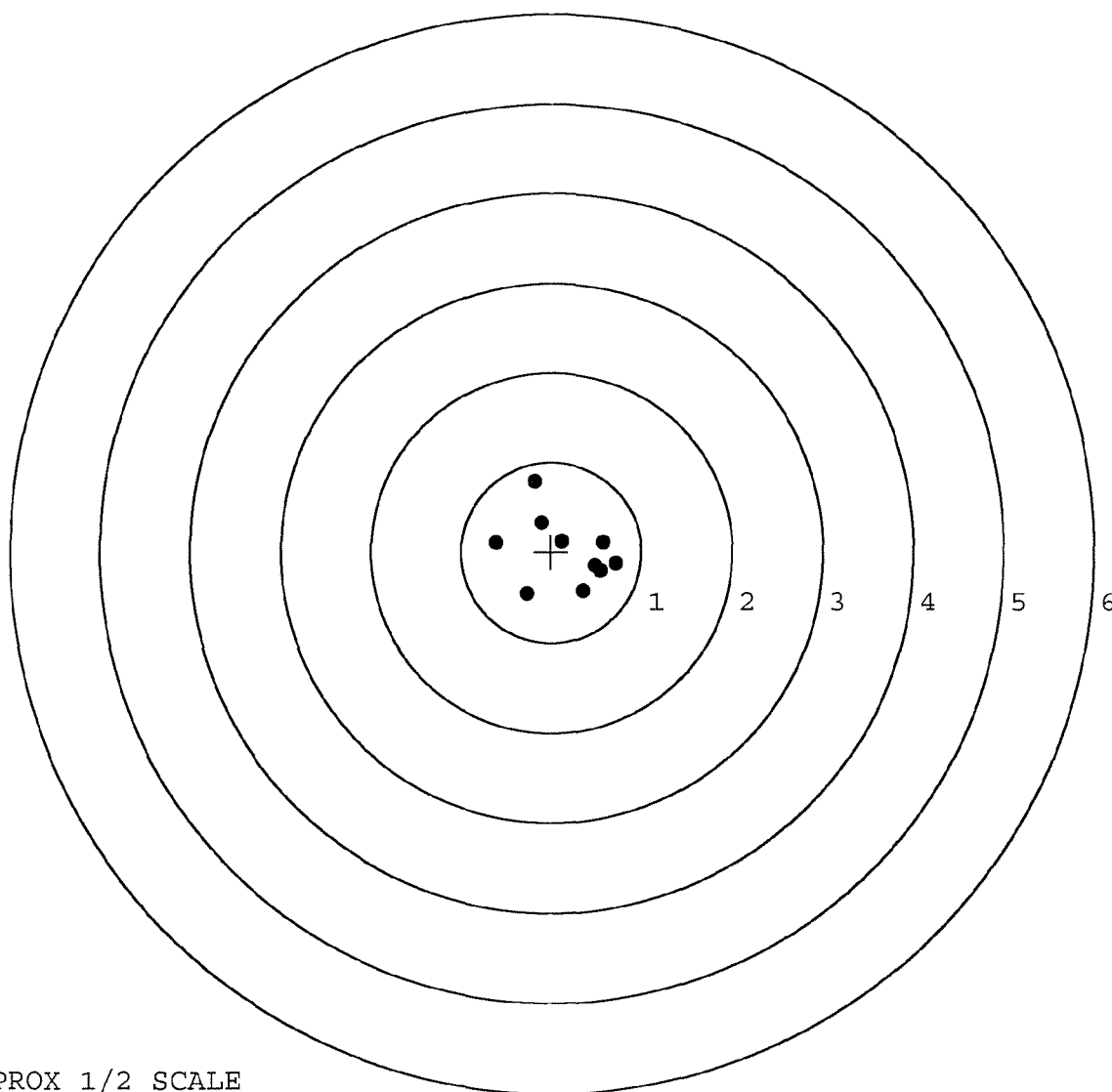


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. __1
TARGET NUMBER: 2
FILE DATE: 10/17/2006
FILE TIME: 13:48

POINT#	X	Y
1:	-0.273	-0.463
2:	-0.614	0.102
3:	-0.184	0.785
4:	-0.112	0.324
5:	0.115	0.120
6:	0.575	0.111
7:	0.725	-0.128
8:	0.489	-0.150
9:	0.356	-0.431
10:	0.547	-0.212

X CENTROID: 0.162
Y CENTROID: 0.006
POA TO CENTROID: 0.163
HORZ SPREAD: 1.339
VERT SPREAD: 1.248
GROUP SPREAD: 1.331
MIN RADIUS: 0.124
MAX RADIUS: 0.853
MEAN RADIUS: 0.510
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. __1

TARGET NUMBER: 3

FILE DATE: 10/17/2006

FILE TIME: 13:48

POINT#	X	Y
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1:	0.427	-1.057
----	-------	--------

2:	0.688	-0.694
----	-------	--------

3:	0.434	-0.490
----	-------	--------

4:	-0.110	-0.393
----	--------	--------

5:	0.370	0.212
----	-------	-------

6:	0.558	0.324
----	-------	-------

7:	0.010	0.751
----	-------	-------

8:	-0.197	0.005
----	--------	-------

9:	-0.449	0.148
----	--------	-------

10:	-1.157	0.415
-----	--------	-------

X CENTROID: 0.057

Y CENTROID: -0.078

POA TO CENTROID: 0.097

HORZ SPREAD: 1.845

VERT SPREAD: 1.808

GROUP SPREAD: 2.162

MIN RADIUS: 0.268

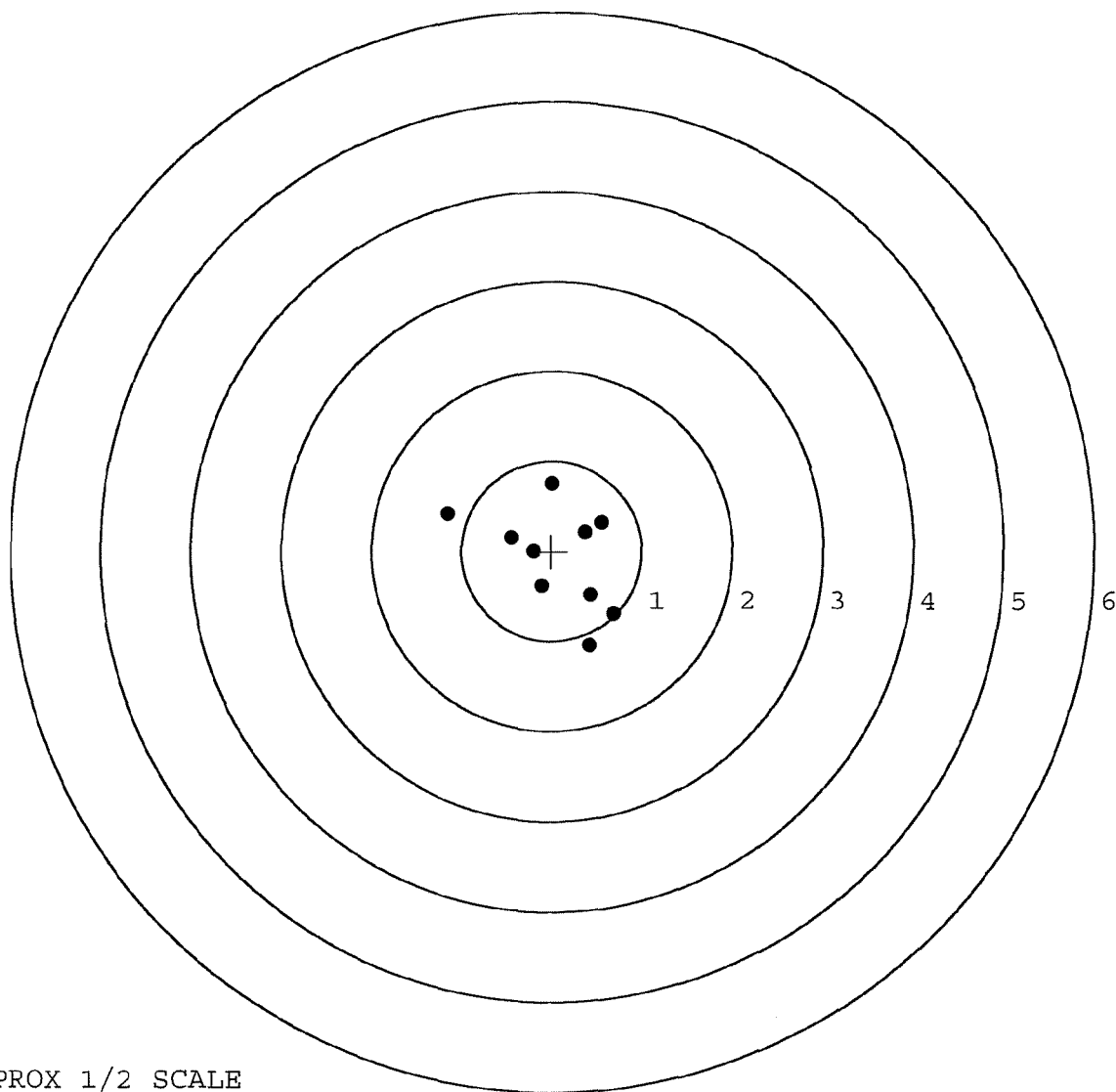
MAX RADIUS: 1.311

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302. 1

TARGET NUMBER: 4

FILE DATE: 10/17/2006

FILE TIME: 13:48

POINT#	X	Y
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1:	0.728	-0.315
----	-------	--------

2:	0.578	-0.133
----	-------	--------

3:	0.336	0.161
----	-------	-------

4:	0.133	0.344
----	-------	-------

5:	-0.288	0.421
----	--------	-------

6:	-0.529	0.509
----	--------	-------

7:	-0.432	0.247
----	--------	-------

8:	-0.802	0.175
----	--------	-------

9:	-0.665	-0.050
----	--------	--------

10:	-0.439	-0.195
-----	--------	--------

X CENTROID: -0.138

Y CENTROID: 0.116

POA TO CENTROID: 0.181

HORZ SPREAD: 1.530

VERT SPREAD: 0.824

GROUP SPREAD: 1.607

MIN RADIUS: 0.322

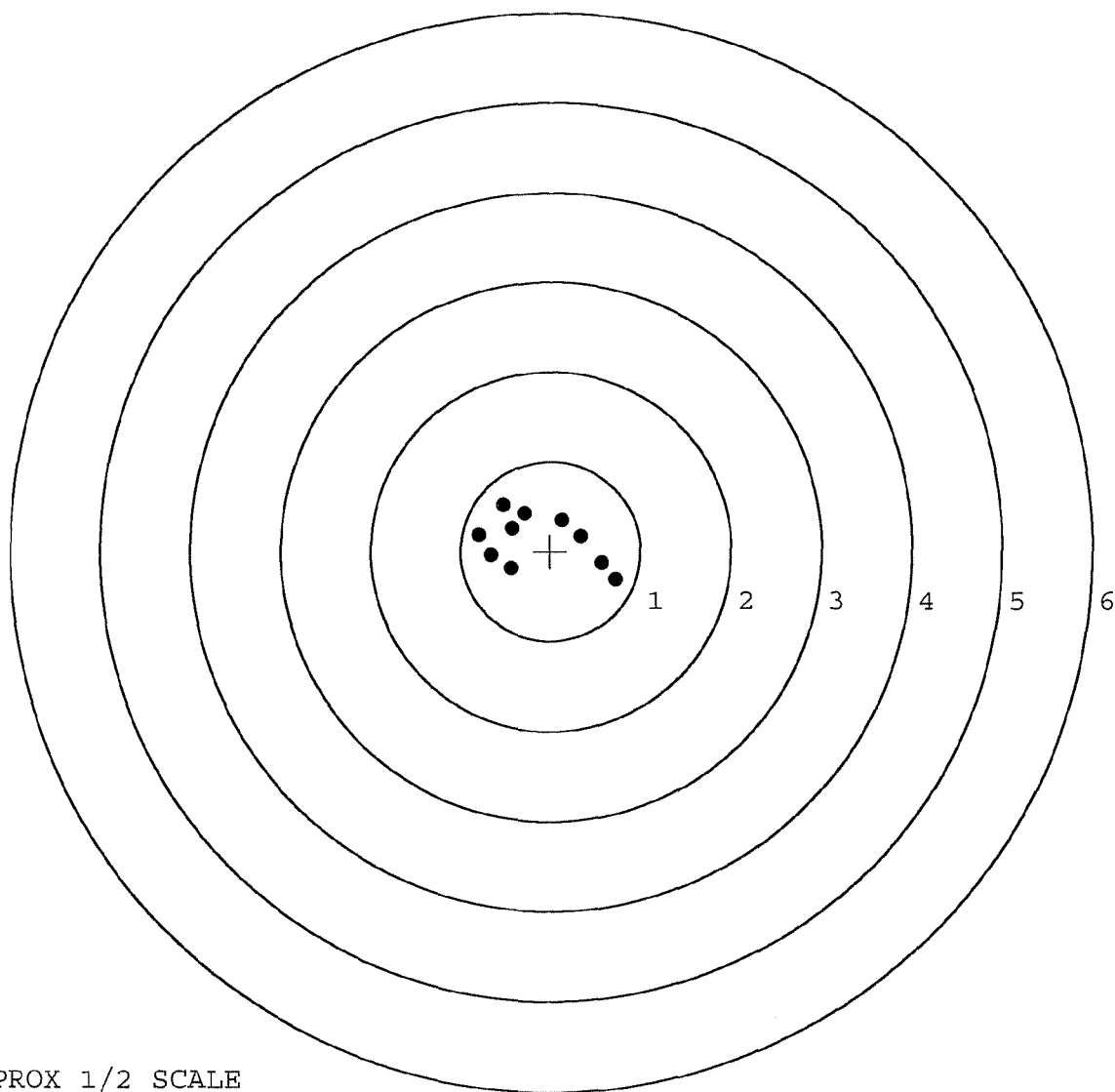
MAX RADIUS: 0.968

MEAN RADIUS: 0.542

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535302.___1

TARGET NUMBER: 5

FILE DATE: 10/17/2006

FILE TIME: 13:48

POINT#	X	Y
--------	---	---

1:	-0.517	-0.152
----	--------	--------

2:	-0.446	-0.379
----	--------	--------

3:	-0.242	0.359
----	--------	-------

4:	-0.024	0.507
----	--------	-------

5:	-0.012	-0.482
----	--------	--------

6:	0.201	-0.134
----	-------	--------

7:	0.415	-0.431
----	-------	--------

8:	0.628	-0.585
----	-------	--------

9:	0.651	-0.799
----	-------	--------

10:	0.166	-0.349
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X CENTROID: 0.082

Y CENTROID: -0.244

POA TO CENTROID: 0.258

HORZ SPREAD: 1.168

VERT SPREAD: 1.306

GROUP SPREAD: 1.470

MIN RADIUS: 0.134

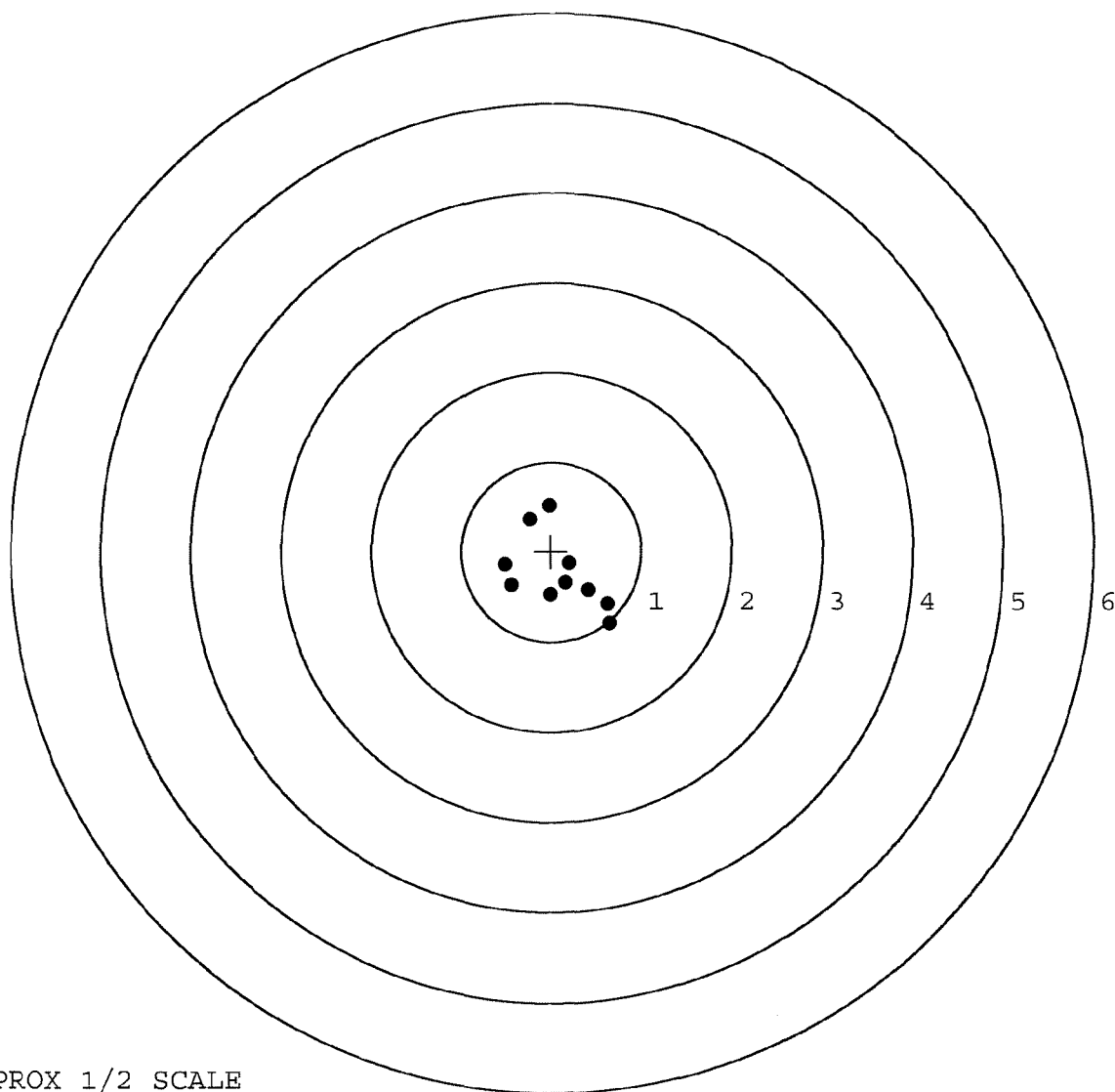
MAX RADIUS: 0.795

MEAN RADIUS: 0.497

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE