

G 659 1534

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



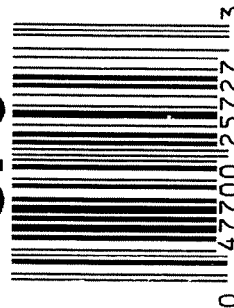
ORDER NO. **25727**

BARREL LENGTH **24"**

CAPACITY **5**

G6591534

UPC



ORDER 25727

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

UPC



ORDER 25727

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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591534

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-30-06	RTZ
420	ASSEMBLE ACTION		8-30-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF	MAGNA-FLUX INSPECTED	8-31-06	H.P.D.
460	CHECK HEADSPACE	SEP 03 2006	8-31-06	H.P.D.
470	DIS-ASSEMBLE ACTION	OPERATOR <u>mm</u>	9-1-06	RTZ
480	MAGNAFLUX BBL ACTION		9/5/06	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-5-06	CW
510	DRILL AND TAP SIGHT HOLES		9-5-06	TRW
520	GOFF BLAST BBL / REC		9-6-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/13/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-16-06	BLC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-16-06	BLC
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-16-06	BLC
	D) OIL FIRING PIN ASSEMBLY		9-16-06	BLC
	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>65</u> <u>60</u> <u>69</u>	9-27-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>35</u>	9-27-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1025</u> <u>1024</u> <u>1024</u>	9-27-06	DA
	J) ASSEMBLE STOCK		9-16-06	BLC
	K) ASSEMBLE SWIVEL STUDS		9-27-06	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-16-06	BLC
	M) IRON SIGHT ALIGNMENT		9-16-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-16-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-16-06	SPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-27-06	RT
670	FINAL INSPECTION A) HEADSPACE		9-16-06	MTN
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.80</u> <u>2.81</u> <u>2.81</u> <u>2.81</u> <u>2.81</u>	9/27/06	DA
	C) FUNCTION		9-27-06	RT
690	PACK			

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0167588

BARBER - M24 0167550AVERAGE 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 9-15-06TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.44	2.56		2.55	
PULL #2	2.50	2.60		2.62	
PULL #3	2.51	2.55		2.76	
PULL #4	2.51	2.53		2.62	
PULL #5	2.56	2.51		2.65	
TOTAL	12.52	12.81		13.20	
AVERAGE	2.50	2.56		2.64	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	2.81		
PULL #2	3.00	2.82		
PULL #3	2.99	2.87		
PULL #4	3.01	2.89		
PULL #5	2.97	2.93		
TOTAL	14.99	14.32		
AVERAGE	3.00	2.86		

	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	3.90	3.92		4.12
PULL #2	4.03	3.86		4.08
PULL #3	3.94	3.82		4.00
PULL #4	3.97	3.83		4.06
PULL #5	3.88	3.86		4.00
TOTAL	19.72	19.29		20.26
AVERAGE	3.94	3.86		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591534.__0
FILE DATE AND TIME: 09/18/2006 05:57

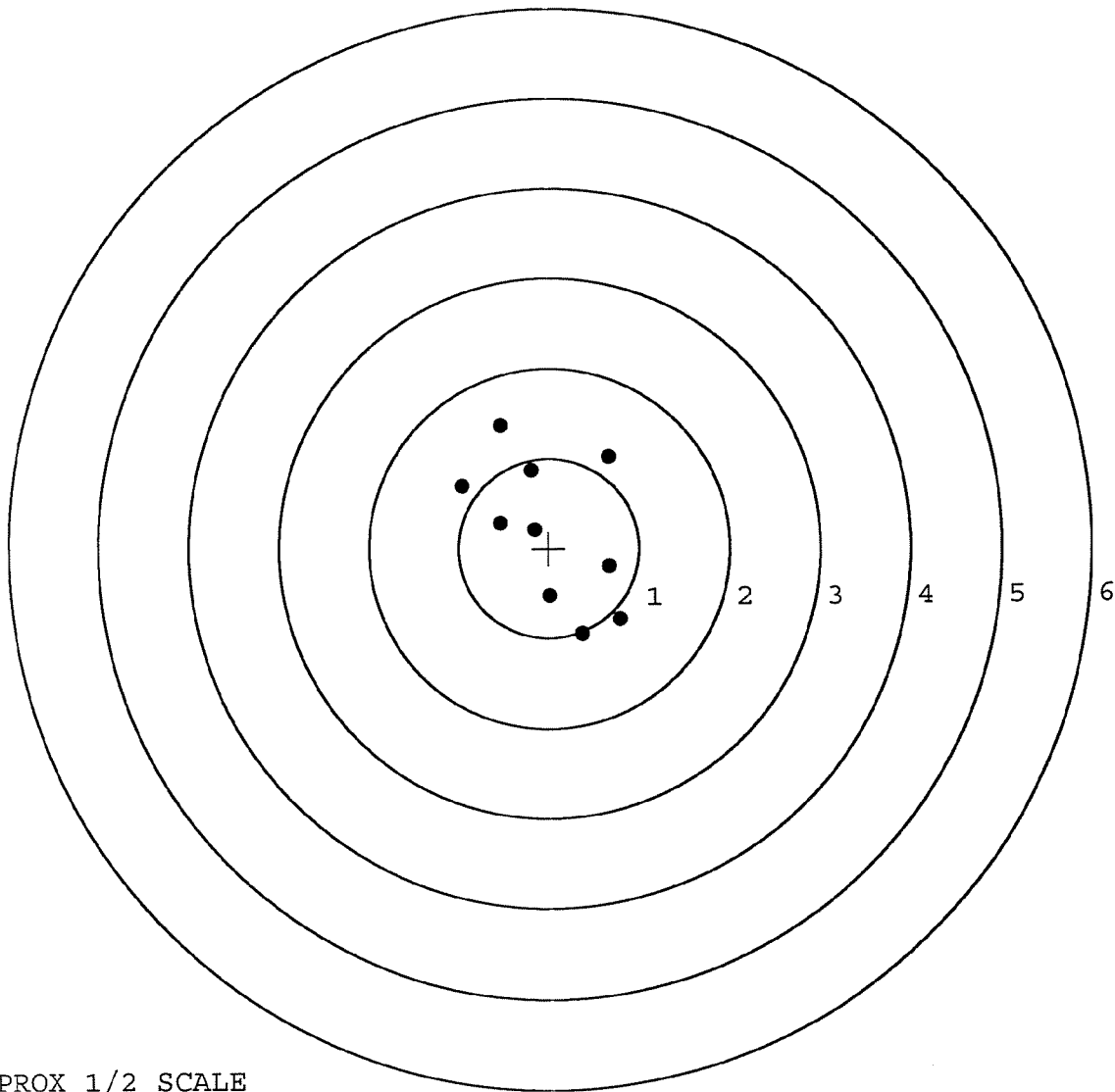
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	0.118
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.195
The Distance from Centroid Target #2 to Centroid Target #1:	0.137
The Distance from Centroid Target #3 to Centroid Target #1:	0.022
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.180

SERIAL NUMBER: G6591534. __ 0
 TARGET NUMBER: 1
 FILE DATE: 09/18/2006
 FILE TIME: 05:57

POINT#	X	Y
1:	0.370	-0.964
2:	0.780	-0.801
3:	0.667	-0.207
4:	0.011	-0.538
5:	-0.159	0.210
6:	-0.537	0.286
7:	-0.955	0.701
8:	-0.187	0.871
9:	-0.530	1.368
10:	0.670	1.018

X CENTROID: 0.013
 Y CENTROID: 0.194
 POA TO CENTROID: 0.195
 HORZ SPREAD: 1.735
 VERT SPREAD: 2.332
 GROUP SPREAD: 2.534
 MIN RADIUS: 0.173
 MAX RADIUS: 1.293
 MEAN RADIUS: 0.884
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

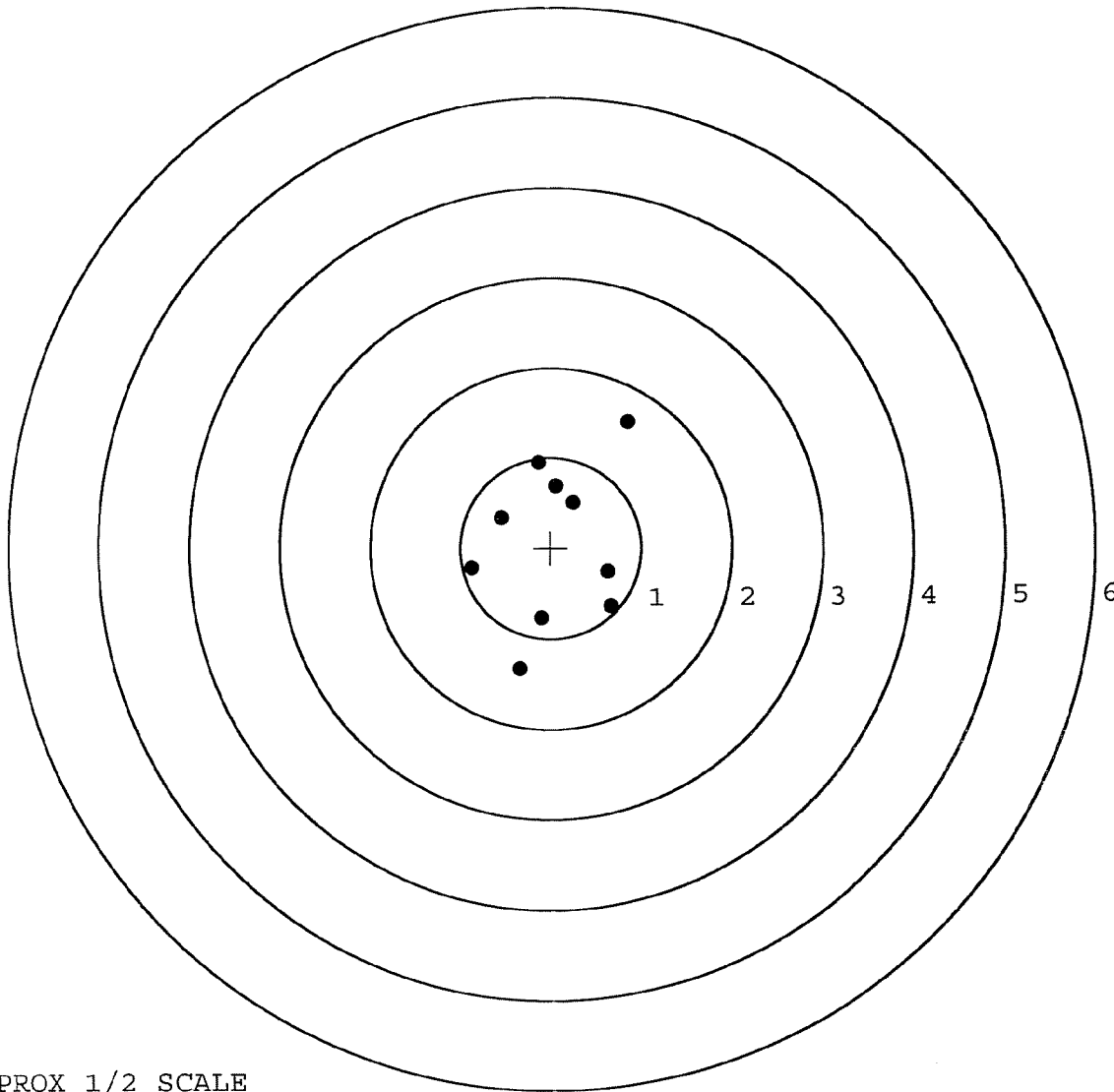


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __0
 TARGET NUMBER: 2
 FILE DATE: 09/18/2006
 FILE TIME: 05:57

POINT#	X	Y
1:	-0.351	-1.334
2:	-0.113	-0.774
3:	0.661	-0.647
4:	0.628	-0.269
5:	-0.878	-0.216
6:	-0.542	0.337
7:	0.866	1.393
8:	0.255	0.499
9:	0.064	0.680
10:	-0.127	0.943

X CENTROID: 0.046
 Y CENTROID: 0.061
 POA TO CENTROID: 0.077
 HORZ SPREAD: 1.744
 VERT SPREAD: 2.727
 GROUP SPREAD: 2.986
 MIN RADIUS: 0.485
 MAX RADIUS: 1.564
 MEAN RADIUS: 0.909
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __0

TARGET NUMBER: 3

FILE DATE: 09/18/2006

FILE TIME: 05:57

POINT#	X	Y
1:	0.665	-0.071
2:	0.570	0.417
3:	-0.177	0.532
4:	-0.510	0.784
5:	-0.366	0.364
6:	-0.555	-0.190
7:	-0.238	-0.487
8:	-0.022	-0.660
9:	0.035	-0.449
10:	0.612	1.896

X CENTROID: 0.001

Y CENTROID: 0.214

POA TO CENTROID: 0.214

HORZ SPREAD: 1.220

VERT SPREAD: 2.556

GROUP SPREAD: 2.633

MIN RADIUS: 0.365

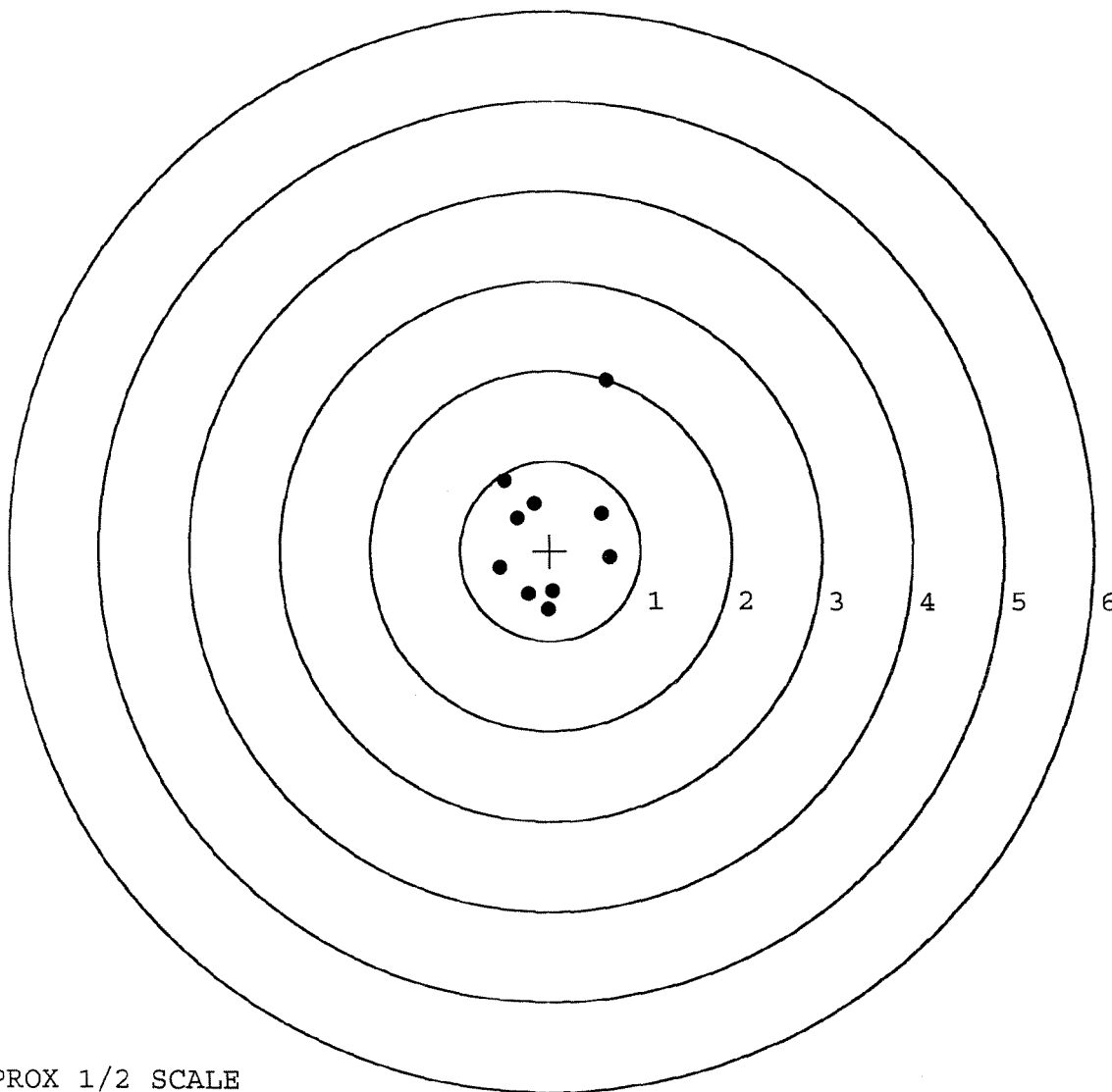
MAX RADIUS: 1.790

MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __0

TARGET NUMBER: 4

FILE DATE: 09/18/2006

FILE TIME: 05:57

POINT#	X	Y
1:	1.367	-0.769
2:	0.997	0.582
3:	0.076	0.926
4:	0.198	0.351
5:	-0.140	0.161
6:	-0.509	0.295
7:	-0.644	-0.086
8:	0.386	-0.315
9:	-0.208	-0.487
10:	-0.489	-0.374

X CENTROID: 0.103

Y CENTROID: 0.028

POA TO CENTROID: 0.107

HORZ SPREAD: 2.011

VERT SPREAD: 1.695

GROUP SPREAD: 2.157

MIN RADIUS: 0.277

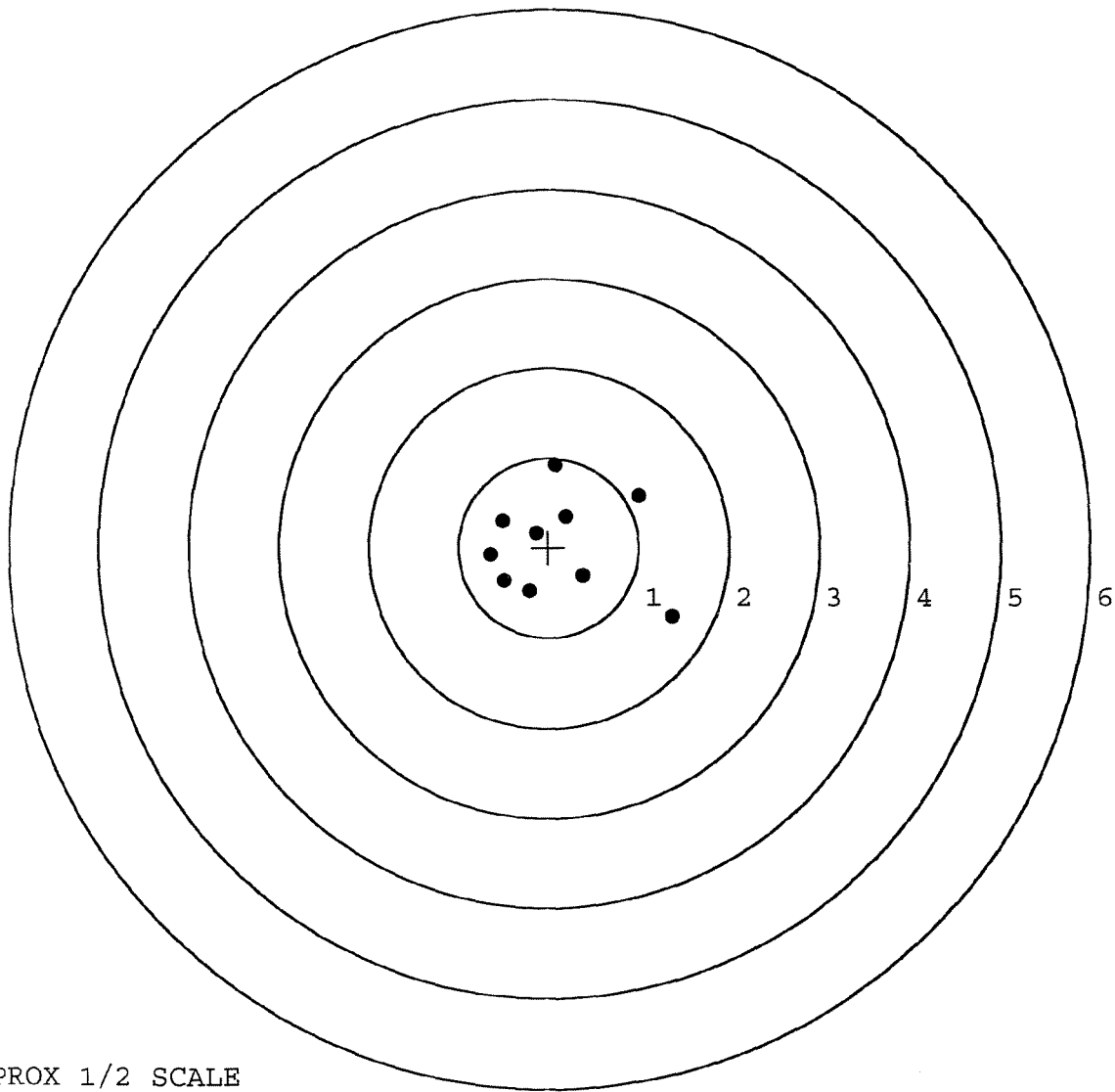
MAX RADIUS: 1.494

MEAN RADIUS: 0.724

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

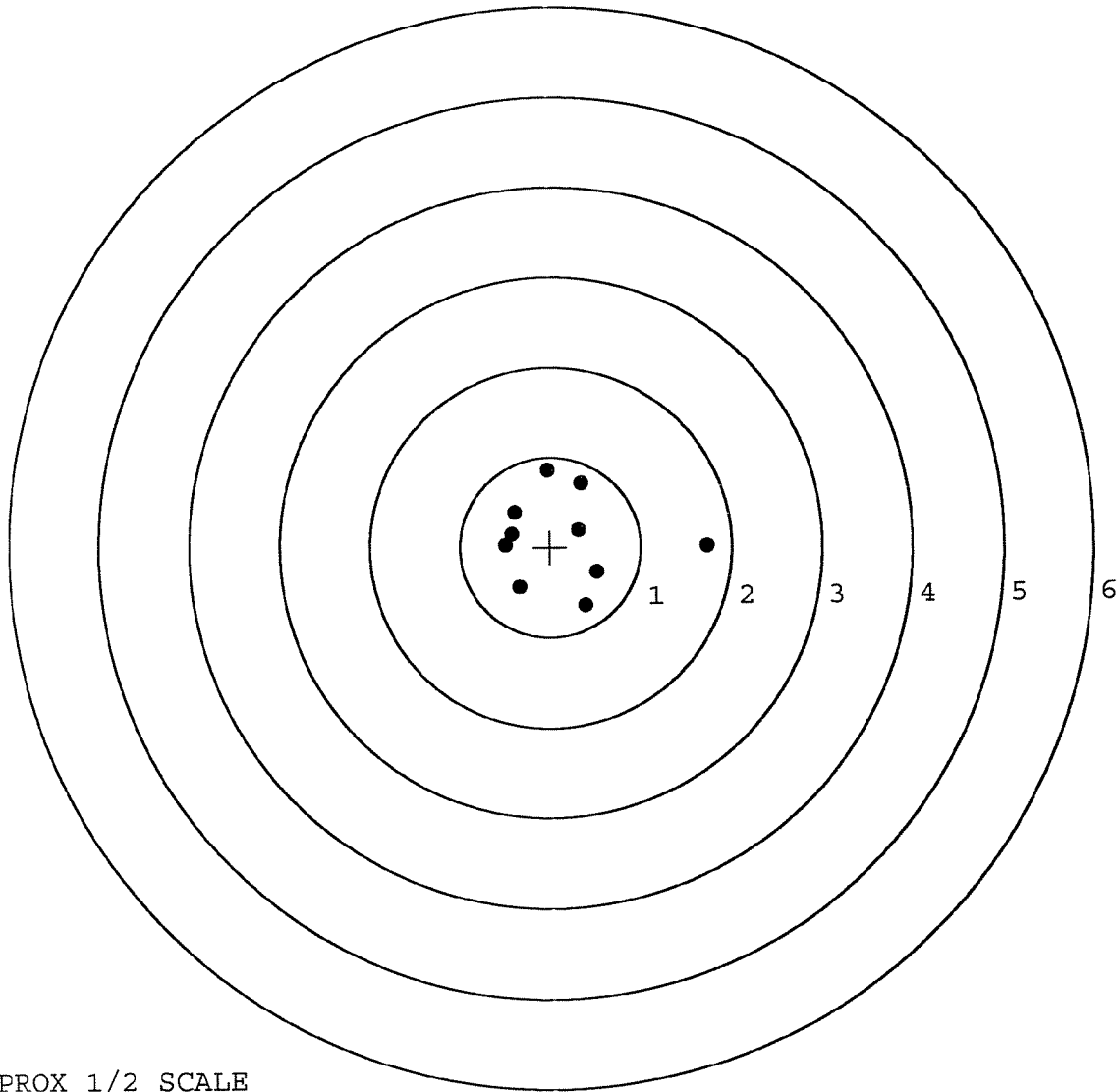


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __0
 TARGET NUMBER: 5
 FILE DATE: 09/18/2006
 FILE TIME: 05:57

X CENTROID: 0.161
 Y CENTROID: 0.092
 POA TO CENTROID: 0.186
 HORZ SPREAD: 2.227
 VERT SPREAD: 1.513
 GROUP SPREAD: 2.227
 MIN RADIUS: 0.182
 MAX RADIUS: 1.569
 MEAN RADIUS: 0.711
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.728	0.003
2:	0.391	-0.657
3:	0.515	-0.286
4:	0.316	0.188
5:	0.349	0.710
6:	-0.032	0.856
7:	-0.341	-0.453
8:	-0.499	0.026
9:	-0.423	0.145
10:	-0.391	0.390



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591534.__1
FILE DATE AND TIME: 10/17/2006 13:41

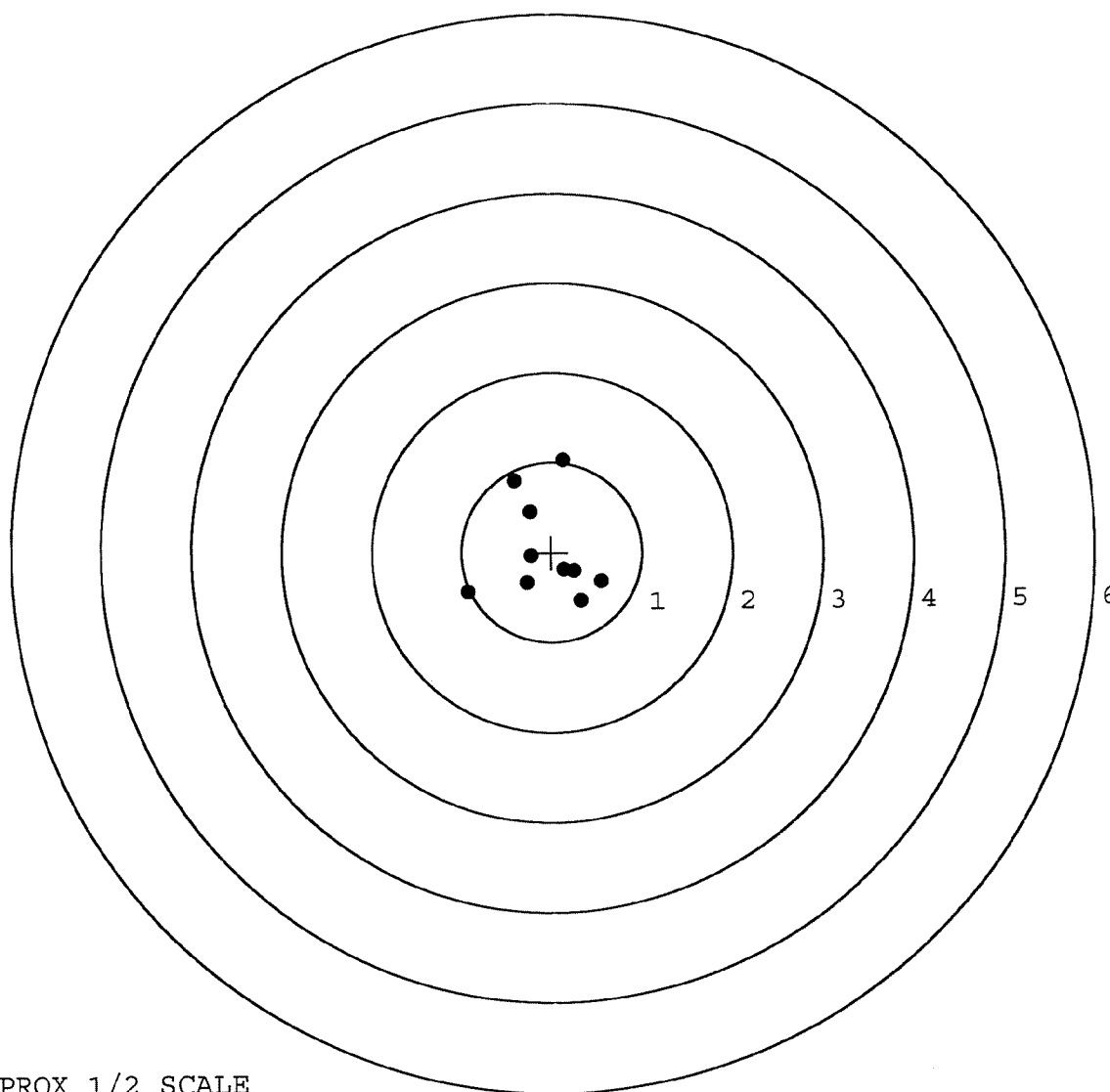
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.107
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.661
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.092
The Distance from Centroid Target #3 to Centroid Target #1:	0.050
The Distance from Centroid Target #4 to Centroid Target #1:	0.095
The Distance from Centroid Target #5 to Centroid Target #1:	0.023

SERIAL NUMBER: G6591534. __ 1
 TARGET NUMBER: 1
 FILE DATE: 10/17/2006
 FILE TIME: 13:41

POINT#	X	Y
1:	0.134	1.022
2:	-0.412	0.799
3:	-0.239	0.451
4:	-0.928	-0.434
5:	0.553	-0.331
6:	0.321	-0.541
7:	0.252	-0.213
8:	0.135	-0.194
9:	-0.278	-0.344
10:	-0.229	-0.041

X CENTROID: -0.069
 Y CENTROID: 0.017
 POA TO CENTROID: 0.071
 HORZ SPREAD: 1.481
 VERT SPREAD: 1.563
 GROUP SPREAD: 1.802
 MIN RADIUS: 0.170
 MAX RADIUS: 1.025
 MEAN RADIUS: 0.599
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __1

TARGET NUMBER: 2

FILE DATE: 10/17/2006

FILE TIME: 13:41

X CENTROID: -0.107

Y CENTROID: 0.101

POA TO CENTROID: 0.147

HORZ SPREAD: 0.825

VERT SPREAD: 1.490

GROUP SPREAD: 1.600

MIN RADIUS: 0.113

MAX RADIUS: 1.051

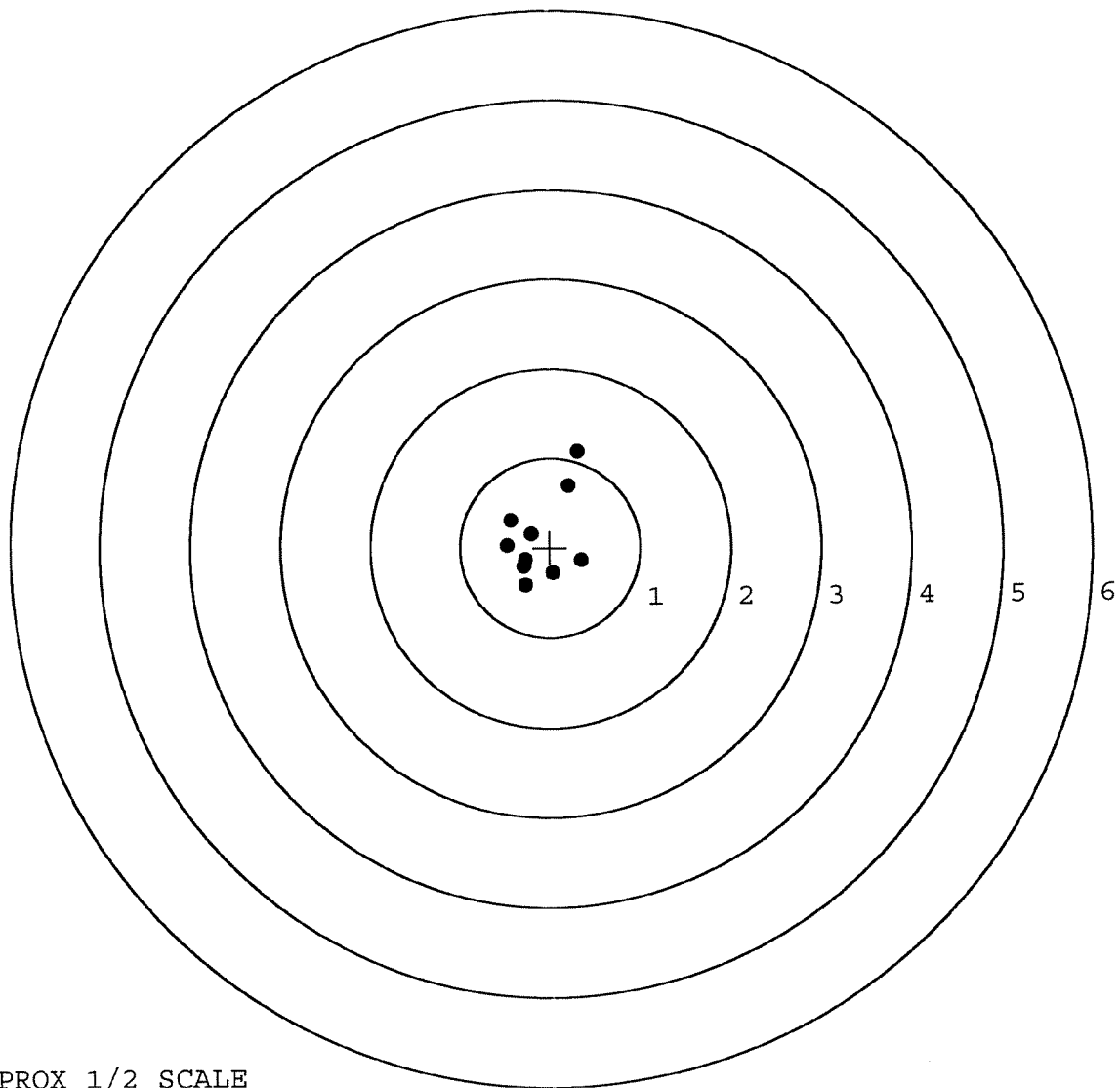
MEAN RADIUS: 0.474

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.209	0.687
2:	0.308	1.067
3:	0.351	-0.152
4:	-0.274	-0.423
5:	-0.294	-0.214
6:	0.027	-0.287
7:	-0.209	0.149
8:	-0.277	-0.143
9:	-0.437	0.304
10:	-0.474	0.024

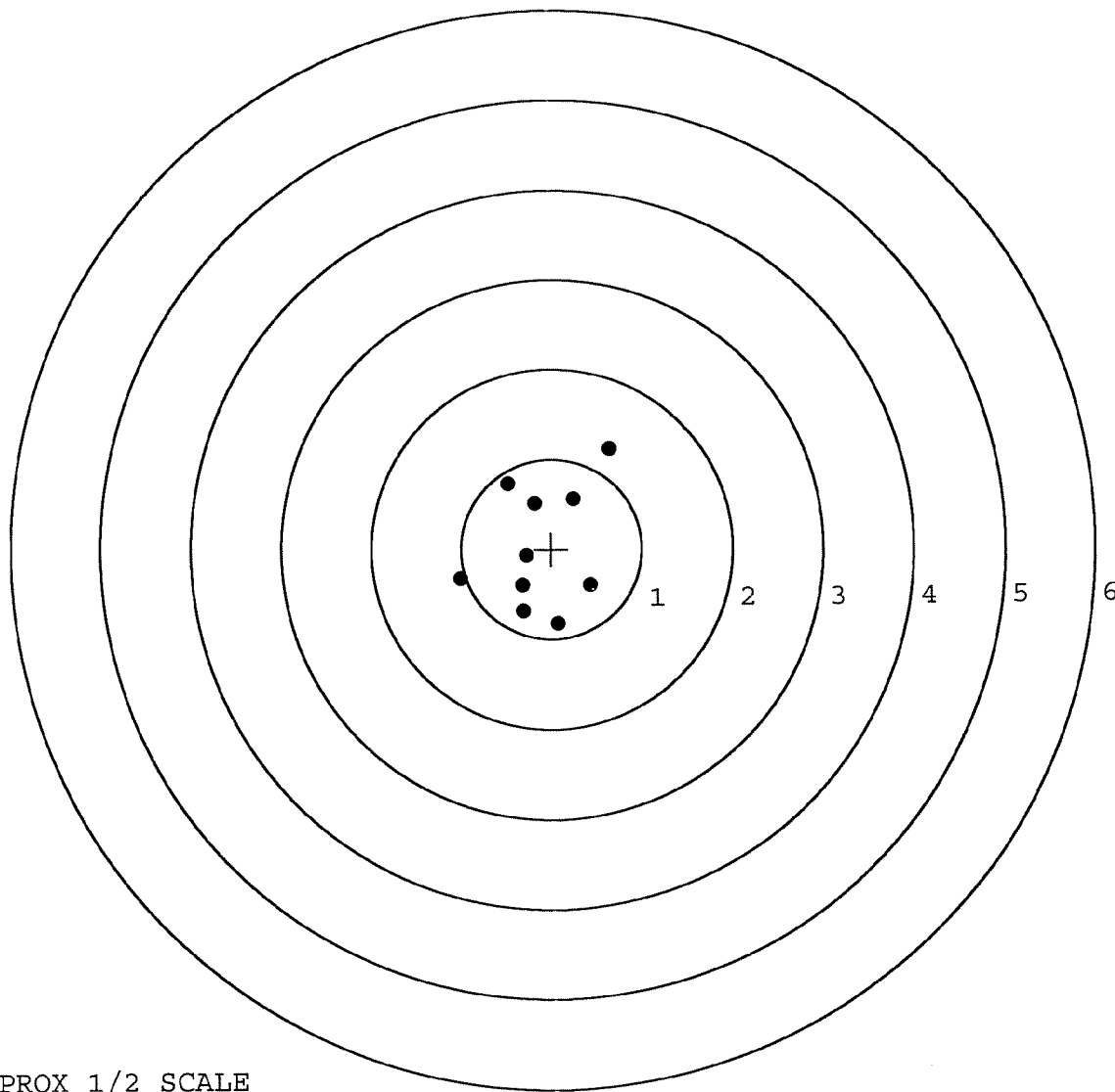


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __1
 TARGET NUMBER: 3
 FILE DATE: 10/17/2006
 FILE TIME: 13:41

POINT#	X	Y
1:	0.652	1.109
2:	0.249	0.554
3:	-0.184	0.512
4:	-0.474	0.728
5:	0.431	-0.409
6:	0.071	-0.835
7:	-0.318	-0.694
8:	-1.011	-0.329
9:	-0.277	-0.076
10:	-0.325	-0.410

X CENTROID: -0.119
 Y CENTROID: 0.015
 POA TO CENTROID: 0.120
 HORZ SPREAD: 1.663
 VERT SPREAD: 1.944
 GROUP SPREAD: 2.199
 MIN RADIUS: 0.183
 MAX RADIUS: 1.338
 MEAN RADIUS: 0.720
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0167561

SERIAL NUMBER: G6591534. __1

TARGET NUMBER: 4

FILE DATE: 10/17/2006

FILE TIME: 13:41

POINT#	X	Y
1:	0.448	1.212
2:	0.268	1.006
3:	-0.375	1.156
4:	0.582	-0.841
5:	-0.613	-1.350
6:	-0.951	-0.533
7:	-0.799	-0.312
8:	0.107	-0.170
9:	-0.024	0.136
10:	-0.159	0.341

X CENTROID: -0.152

Y CENTROID: 0.065

POA TO CENTROID: 0.165

HORZ SPREAD: 1.533

VERT SPREAD: 2.562

GROUP SPREAD: 2.773

MIN RADIUS: 0.146

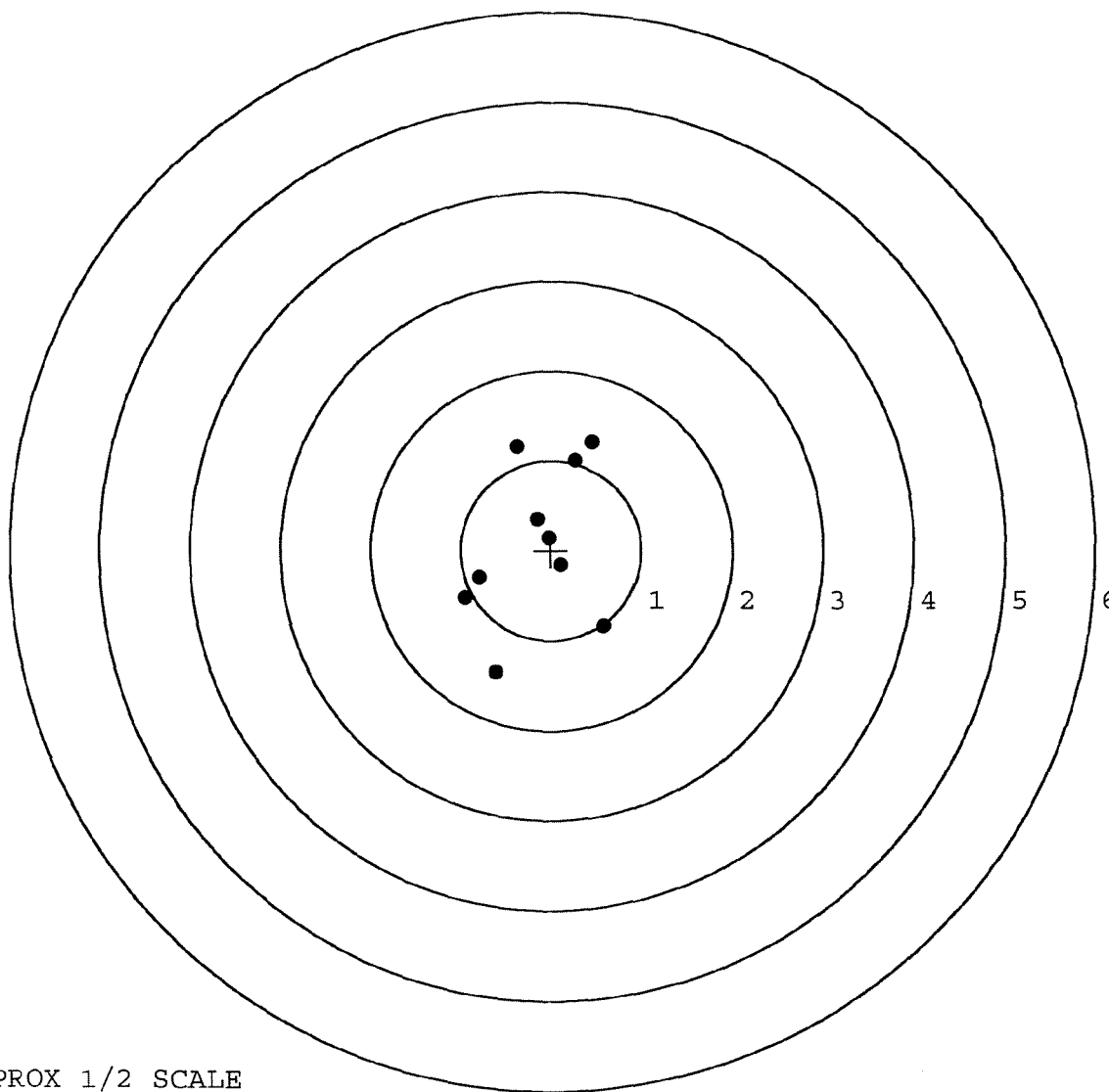
MAX RADIUS: 1.488

MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

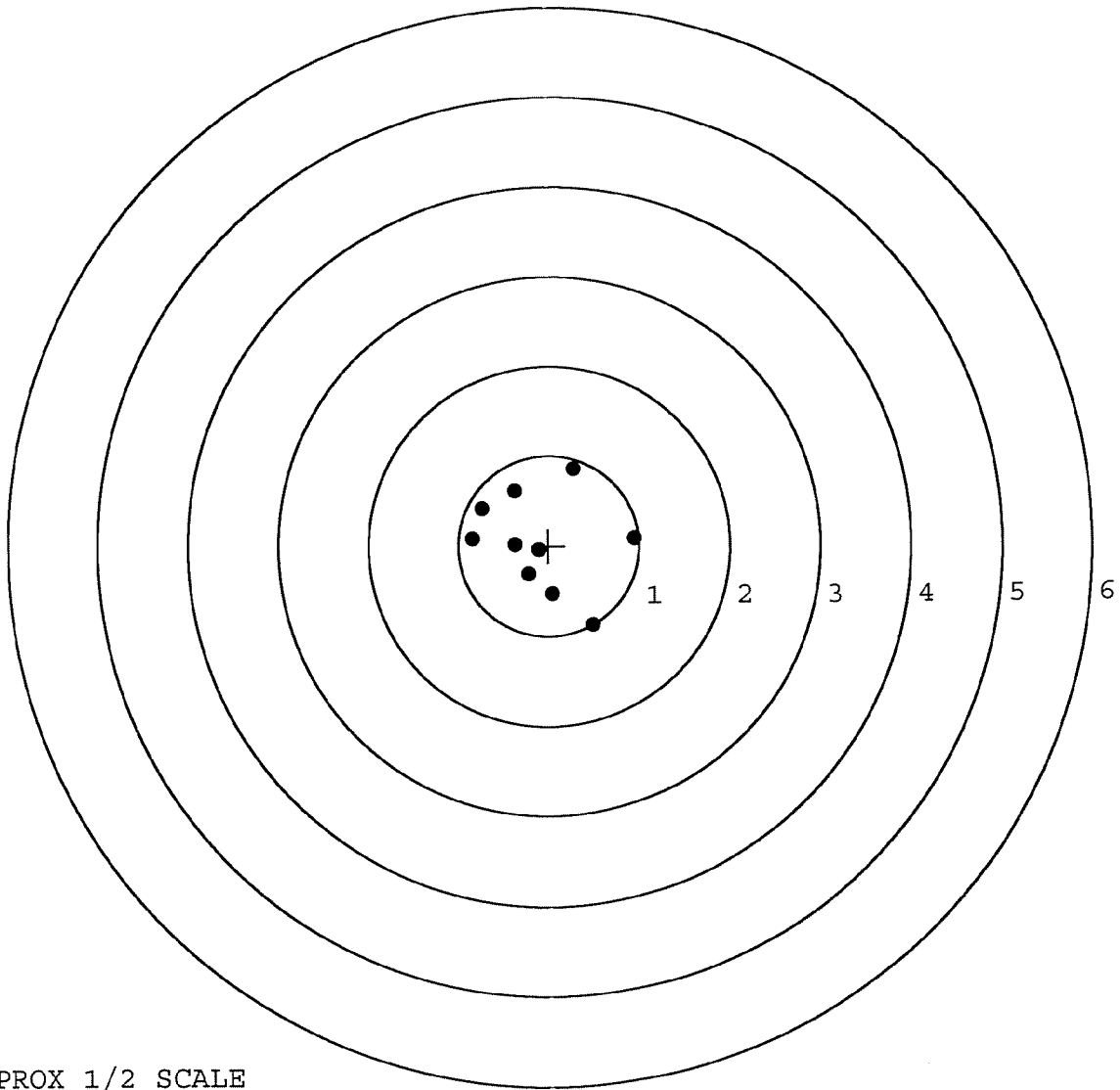


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591534. __1
 TARGET NUMBER: 5
 FILE DATE: 10/17/2006
 FILE TIME: 13:41

X CENTROID: -0.090
 Y CENTROID: 0.026
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.797
 VERT SPREAD: 1.733
 GROUP SPREAD: 1.788
 MIN RADIUS: 0.080
 MAX RADIUS: 1.077
 MEAN RADIUS: 0.649
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.951	0.076
2:	0.280	0.851
3:	-0.369	0.607
4:	0.489	-0.882
5:	0.042	-0.538
6:	-0.846	0.080
7:	-0.739	0.418
8:	-0.370	0.017
9:	-0.113	-0.050
10:	-0.223	-0.316



TARGET APPROX 1/2 SCALE