

E 6413547

ISRAELI GUNS

.308

CONTRACT # DAAE20-97-C-0182

GUN SERIAL # E643547

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/20/02	RL
600	PROOF		8/20/02	RW
607	CHECK HEADSPACE		8/20/02	RW
610	DIS-ASSEMBLE GUN	MAGNA - FLUX INSPECTED	8/20/02	RW
612	MAGNAFLUX BARREL ACTION	AUG 20 2002 OPERATOR <u>NRD</u>		
	MAGNAFLUX BOLT			
615	ROLLMARK CALIBER		8/20/02	RW
617	DRILL AND TAP SIGHT HOLES		8/20/02	RL
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)		8/21/02	TH
	(BOLT)		8/21/02	TH
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		8/28/02	RL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8/28/02	RL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8/28/02	RL
	D) OIL FIRING PIN ASSEMBLY		8/28/02	RL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>4.5</u> <u>4.0</u> <u>4.0</u>	9/4/02	DA
CONT.	G) SAFETY OFF FORCE	<u>3.0</u> <u>3.0</u> <u>3.5</u>	9/4/02	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>.023</u> <u>.022</u> <u>.023</u>	9/4/02	DA
	J) ASSEMBLE STOCK		8/28/02	RL
	K) ASSEMBLE SWIVEL STUDS			
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640	GALLERY TEST AND TARGET		9-4-02	AC
	A) MALFUNCTIONS		9-4-02	AC
	B) PIERCED PRIMERS		9-4-02	AC
645	INSPECT FOR LIVE AMMO		9-4-02	AC
655	FINAL INSPECTION A) HEADSPACE		9-4-02	RL
	B) TRIGGER PULL	<u>2.74</u> <u>2.72</u> <u>2.79</u> <u>2.64</u> <u>2.63</u>	9/6/02	DA
	C) FUNCTION			
660	PACK		9/6/02	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. _____
DATE 8-28-02
TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.77	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN
PULL #2	2.41	2.72	2.22	
PULL #3	2.58	2.54	2.24	
PULL #4	2.71	2.56	2.27	
PULL #5	2.78	2.51	2.16	
TOTAL	12.87	13.10	11.18	
AVG.	2.57	2.62	2.23	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.31	3.26	
PULL #2	3.19	3.21	
PULL #3	3.30	3.32	
PULL #4	3.26	3.25	
PULL #5	3.17	3.22	
TOTAL	16.23	16.26	
AVG.	3.24	3.25	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.32	4.22		4.30
PULL #2	4.24	4.23		4.02
PULL #3	4.23	4.30		4.27
PULL #4	4.10	4.14		4.21
PULL #5	4.33	3.96		4.39
TOTAL	21.22	20.85		21.19
AVG.	4.24	4.17		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413547.___0
FILE DATE AND TIME: 09/05/2002 09:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.001
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.755
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.314
The Distance from Centroid Target #3 to Centroid Target #1:	0.296
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.113

SERIAL NUMBER: E6413547. 0

TARGET NUMBER: 1

FILE DATE: 09/05/2002

FILE TIME: 09:07

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

1:	0.990	-0.501
----	-------	--------

2:	0.514	-0.042
----	-------	--------

3:	0.799	0.328
----	-------	-------

4:	0.502	0.622
----	-------	-------

5:	0.147	0.554
----	-------	-------

6:	0.230	0.365
----	-------	-------

7:	0.077	0.018
----	-------	-------

8:	-0.629	-0.403
----	--------	--------

9:	-0.997	0.093
----	--------	-------

10:	-1.282	-0.177
-----	--------	--------

X CENTROID: 0.035

Y CENTROID: 0.086

POA TO CENTROID: 0.093

HORZ SPREAD: 2.272

VERT SPREAD: 1.123

GROUP SPREAD: 2.295

MIN RADIUS: 0.080

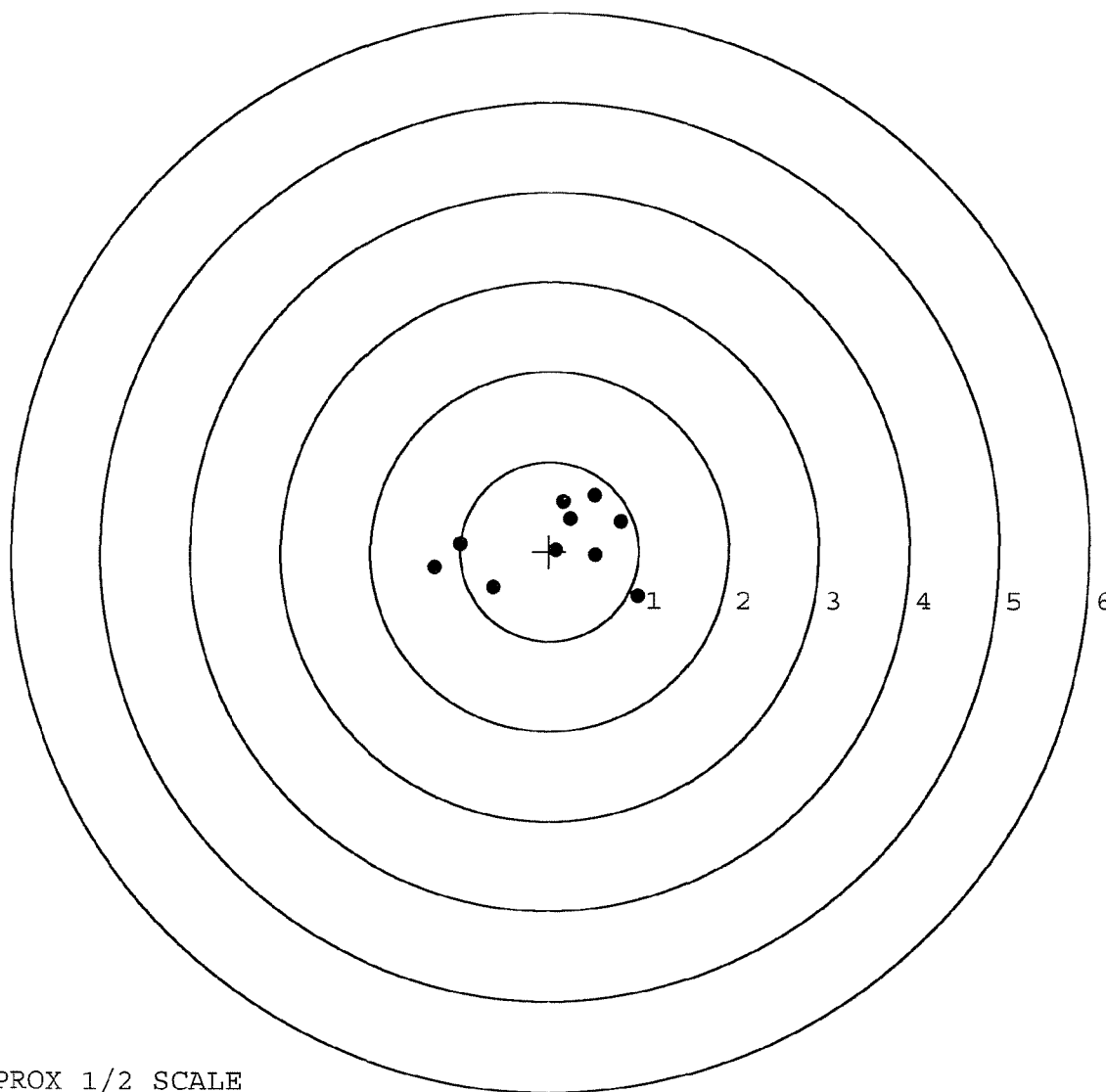
MAX RADIUS: 1.343

MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413547.___0

TARGET NUMBER: 2

FILE DATE: 09/05/2002

FILE TIME: 09:07

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

1:	0.154	-1.002
----	-------	--------

2:	0.464	-0.231
----	-------	--------

3:	0.928	0.371
----	-------	-------

4:	0.635	0.630
----	-------	-------

5:	-0.136	-0.592
----	--------	--------

6:	-0.260	-0.346
----	--------	--------

7:	-0.340	0.222
----	--------	-------

8:	-0.781	-0.212
----	--------	--------

9:	-1.243	0.911
----	--------	-------

10:	-1.977	-0.071
-----	--------	--------

X CENTROID: -0.256

Y CENTROID: -0.032

POA TO CENTROID: 0.258

HORZ SPREAD: 2.905

VERT SPREAD: 1.913

GROUP SPREAD: 2.938

MIN RADIUS: 0.268

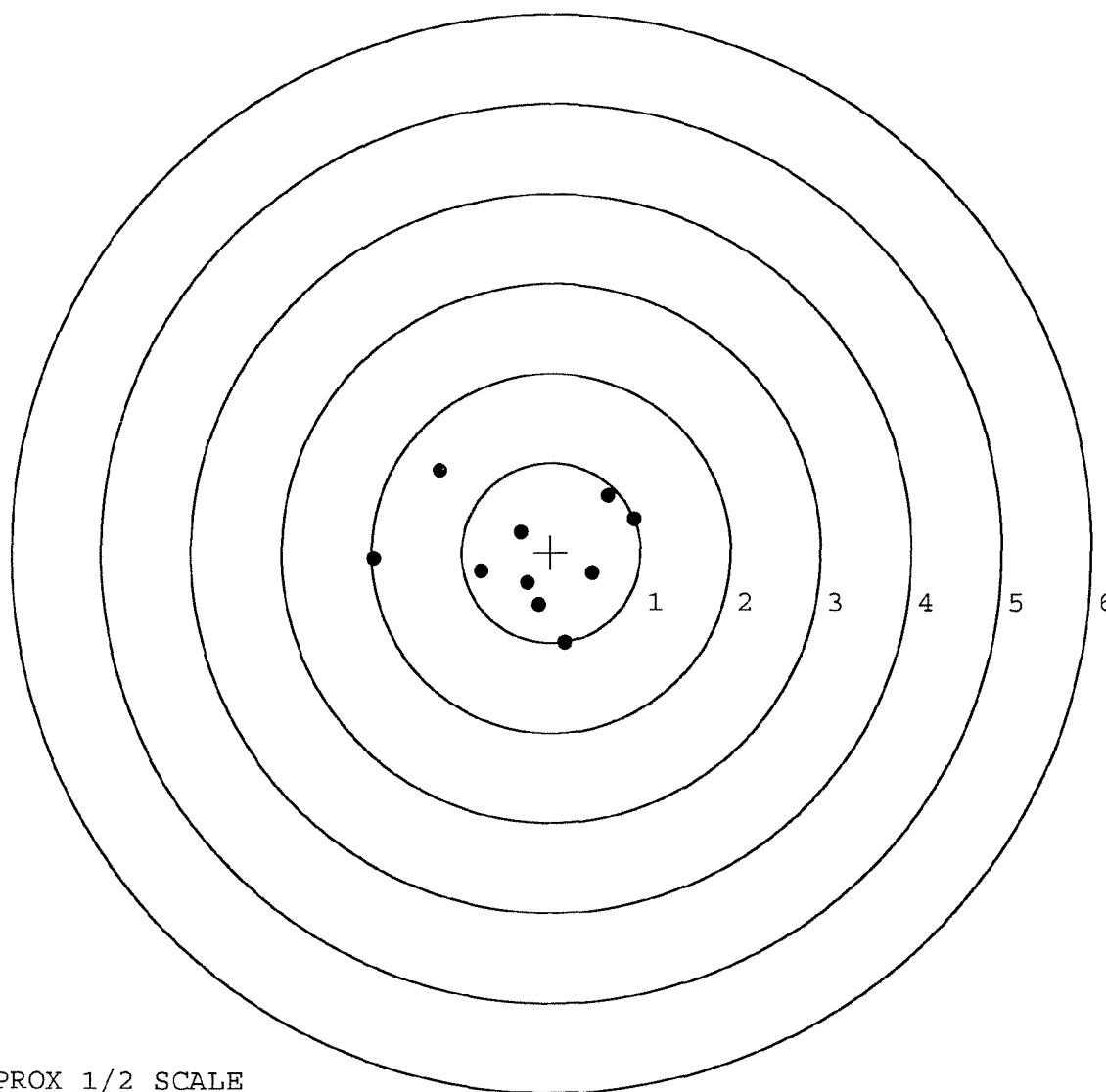
MAX RADIUS: 1.722

MEAN RADIUS: 0.896

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

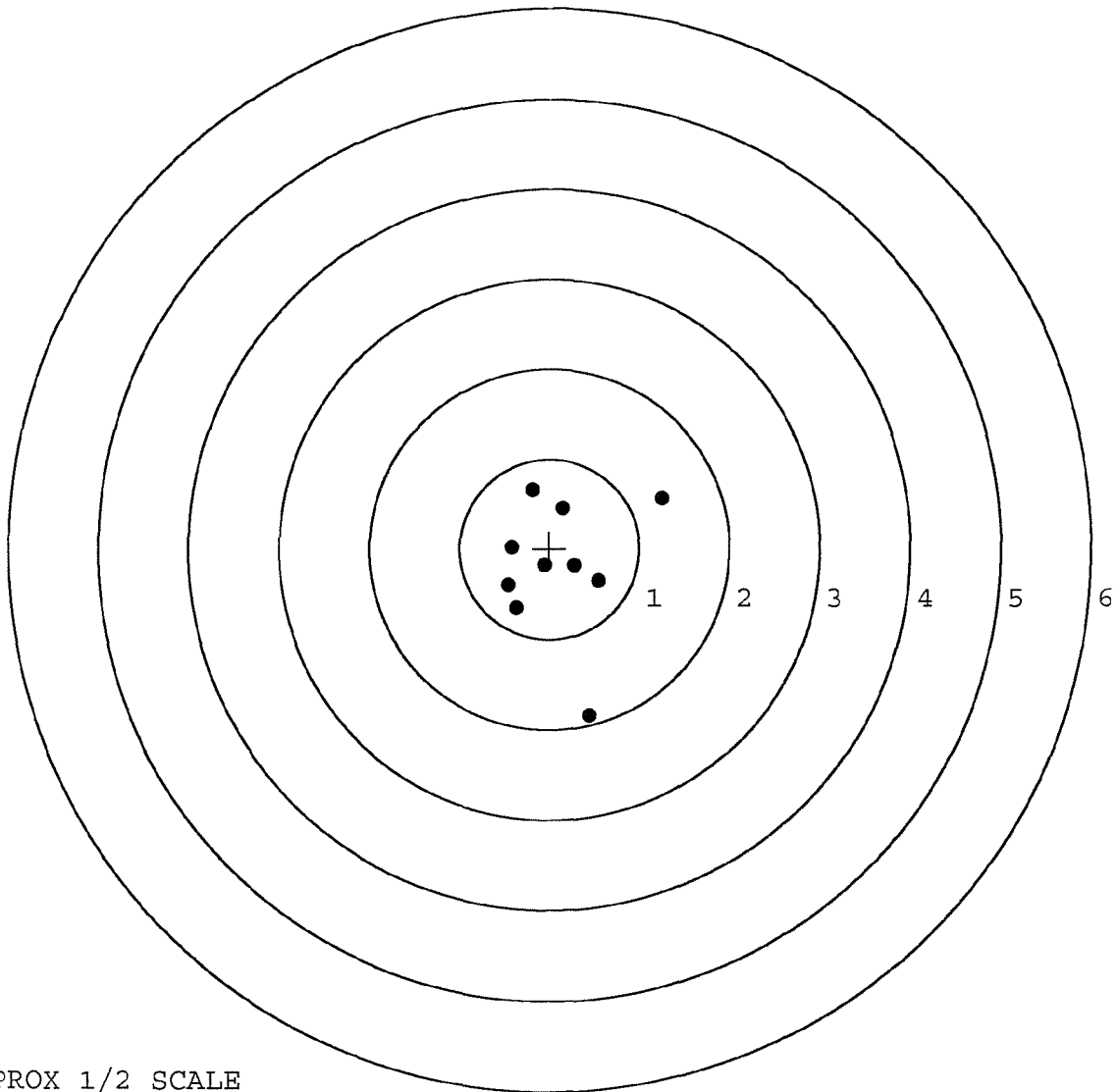


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413547. __0
TARGET NUMBER: 3
FILE DATE: 09/05/2002
FILE TIME: 09:07

X CENTROID: 0.120
Y CENTROID: -0.198
POA TO CENTROID: 0.232
HORZ SPREAD: 1.710
VERT SPREAD: 2.509
GROUP SPREAD: 2.590
MIN RADIUS: 0.166
MAX RADIUS: 1.684
MEAN RADIUS: 0.727
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.449	-1.850
2:	1.253	0.558
3:	0.548	-0.363
4:	0.286	-0.188
5:	0.153	0.449
6:	-0.193	0.659
7:	-0.414	0.015
8:	-0.055	-0.188
9:	-0.367	-0.663
10:	-0.457	-0.410

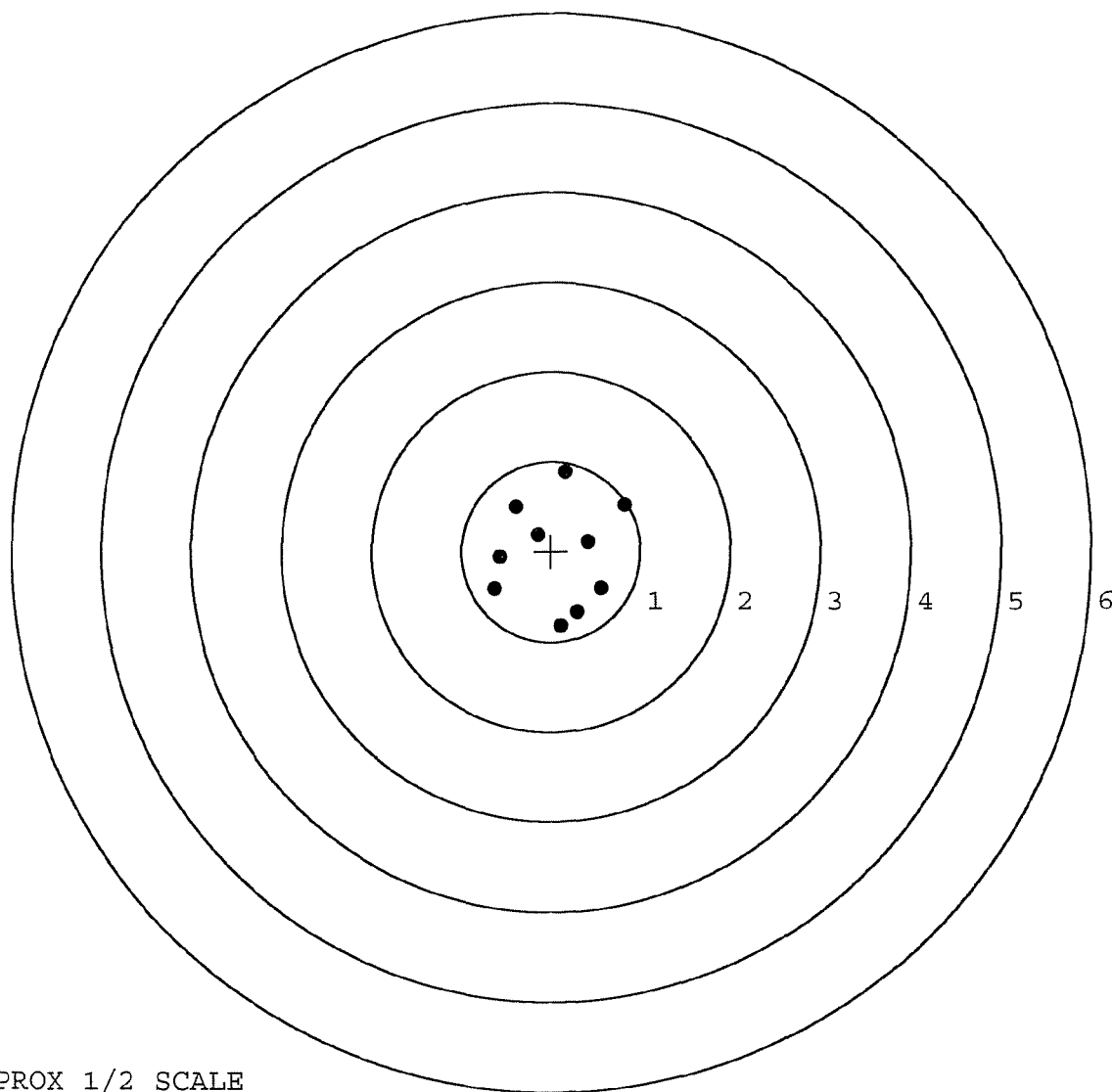


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413547. __0
TARGET NUMBER: 4
FILE DATE: 09/05/2002
FILE TIME: 09:07

POINT#	X	Y
1:	-0.628	-0.417
2:	-0.571	-0.066
3:	-0.398	0.500
4:	-0.152	0.183
5:	0.408	0.112
6:	0.823	0.514
7:	0.161	0.884
8:	0.561	-0.411
9:	0.296	-0.668
10:	0.111	-0.830

X CENTROID: 0.061
Y CENTROID: -0.020
POA TO CENTROID: 0.064
HORZ SPREAD: 1.451
VERT SPREAD: 1.714
GROUP SPREAD: 1.724
MIN RADIUS: 0.294
MAX RADIUS: 0.930
MEAN RADIUS: 0.676
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

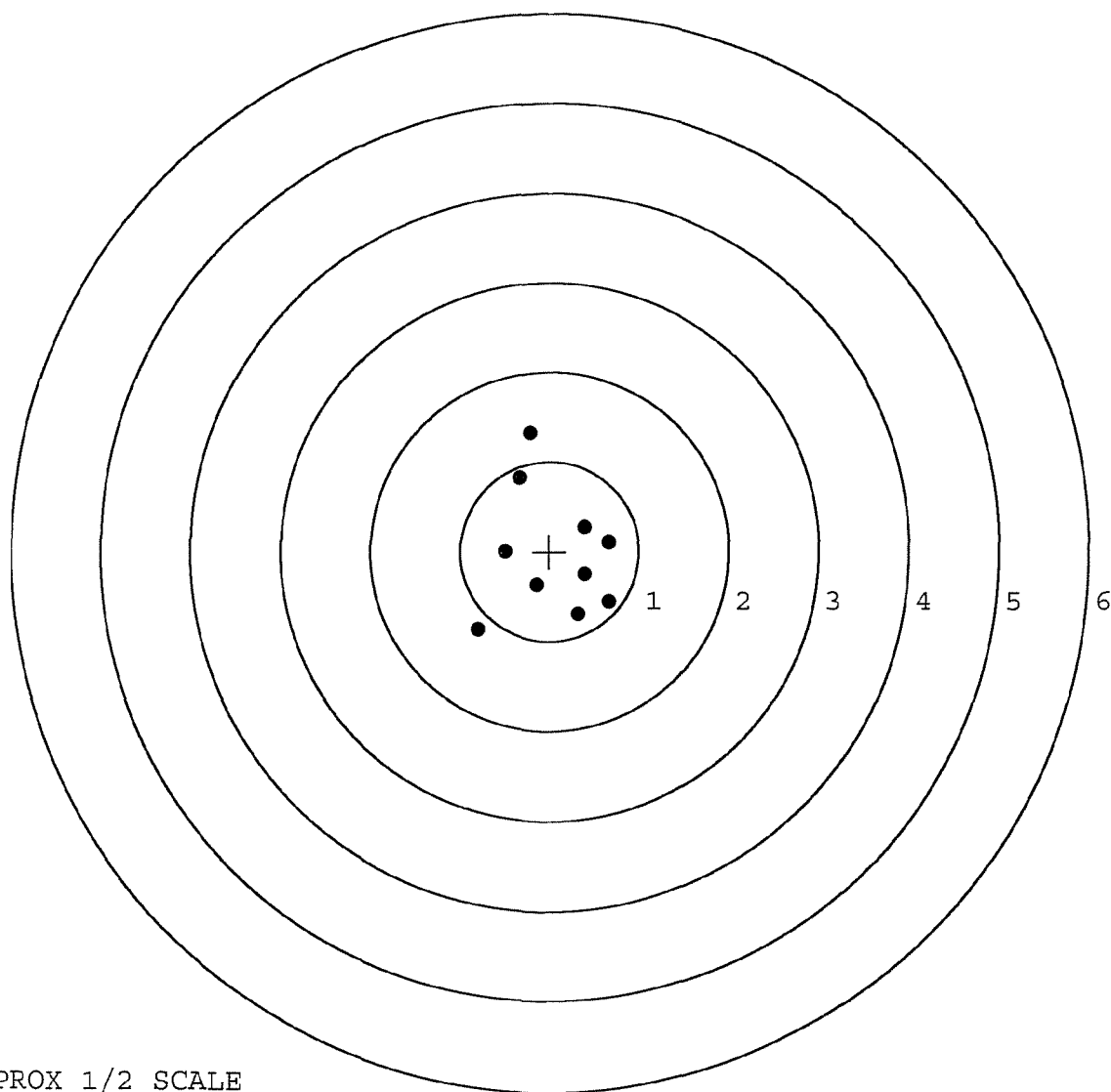


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413547. __0
TARGET NUMBER: 5
FILE DATE: 09/05/2002
FILE TIME: 09:07

X CENTROID: 0.045
Y CENTROID: -0.027
POA TO CENTROID: 0.052
HORZ SPREAD: 1.472
VERT SPREAD: 2.196
GROUP SPREAD: 2.270
MIN RADIUS: 0.399
MAX RADIUS: 1.373
MEAN RADIUS: 0.750
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.671	-0.563
2:	0.324	-0.701
3:	0.396	-0.255
4:	0.671	0.100
5:	0.392	0.271
6:	-0.146	-0.377
7:	-0.494	-0.003
8:	-0.801	-0.877
9:	-0.340	0.815
10:	-0.225	1.319



TARGET APPROX 1/2 SCALE