

G 6410303

Replaces

E 6413467

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413467.__0
FILE DATE AND TIME: 03/14/2002 02:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.563
The Distance from POA to Centroid Target #1:	0.073
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.052
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.066

SERIAL NUMBER: E6413467. 0

TARGET NUMBER: 1

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	0.736	0.367
2:	0.768	0.174
3:	0.436	0.169
4:	0.127	0.468
5:	0.183	0.228
6:	0.106	0.088
7:	-0.116	-0.210
8:	-0.616	-0.236
9:	-0.850	-0.571
10:	-1.372	-0.063

X CENTROID: -0.060

Y CENTROID: 0.041

POA TO CENTROID: 0.073

HORZ SPREAD: 2.140

VERT SPREAD: 1.039

GROUP SPREAD: 2.153

MIN RADIUS: 0.172

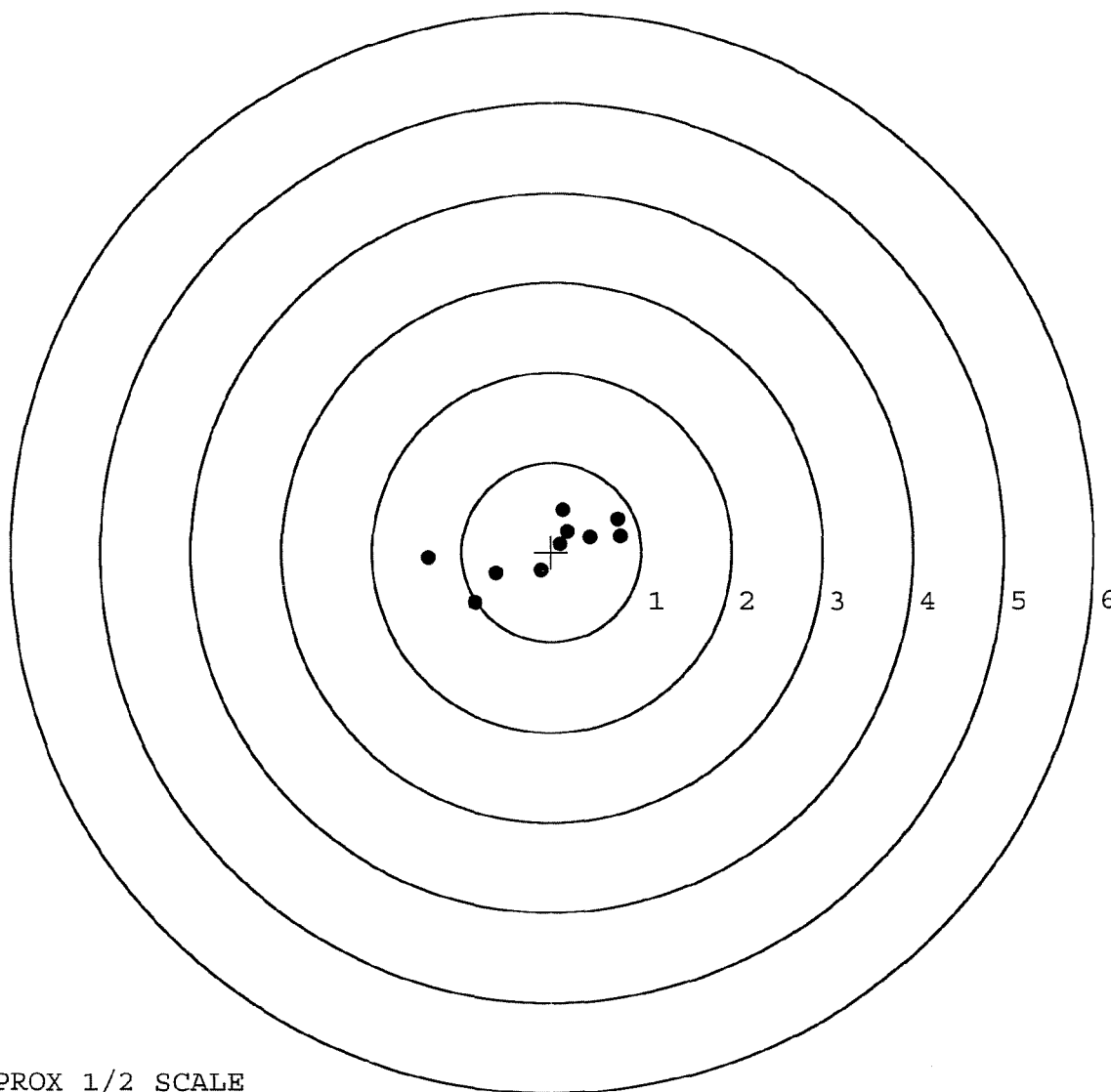
MAX RADIUS: 1.316

MEAN RADIUS: 0.635

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. 0

TARGET NUMBER: 2

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	-1.212	0.872
2:	-0.589	0.537
3:	-0.240	-0.150
4:	-0.507	-0.150
5:	-0.339	-0.462
6:	0.909	-0.492
7:	0.439	-1.670
8:	0.369	0.426
9:	0.589	0.296
10:	0.435	0.072

X CENTROID: -0.015

Y CENTROID: -0.072

POA TO CENTROID: 0.074

HORZ SPREAD: 2.121

VERT SPREAD: 2.542

GROUP SPREAD: 3.031

MIN RADIUS: 0.238

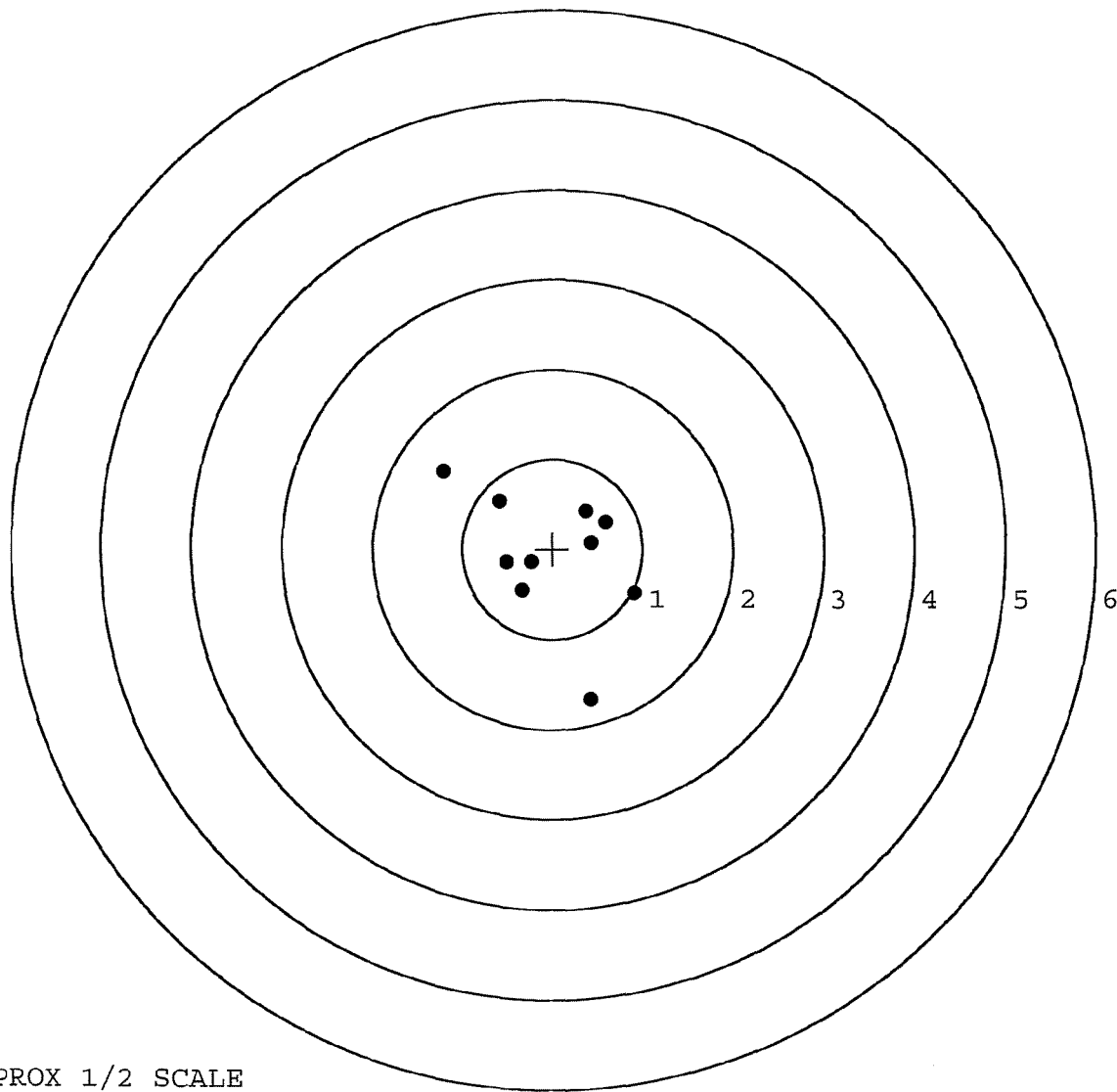
MAX RADIUS: 1.661

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. __0

TARGET NUMBER: 3

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	-0.201	0.529
2:	-0.945	0.403
3:	0.215	0.208
4:	-0.025	0.086
5:	-0.283	-0.126
6:	-0.097	-0.132
7:	0.465	-0.197
8:	0.178	-0.003
9:	0.127	0.136
10:	-0.071	0.024

X CENTROID: -0.064

Y CENTROID: 0.093

POA TO CENTROID: 0.113

HORZ SPREAD: 1.410

VERT SPREAD: 0.726

GROUP SPREAD: 1.532

MIN RADIUS: 0.039

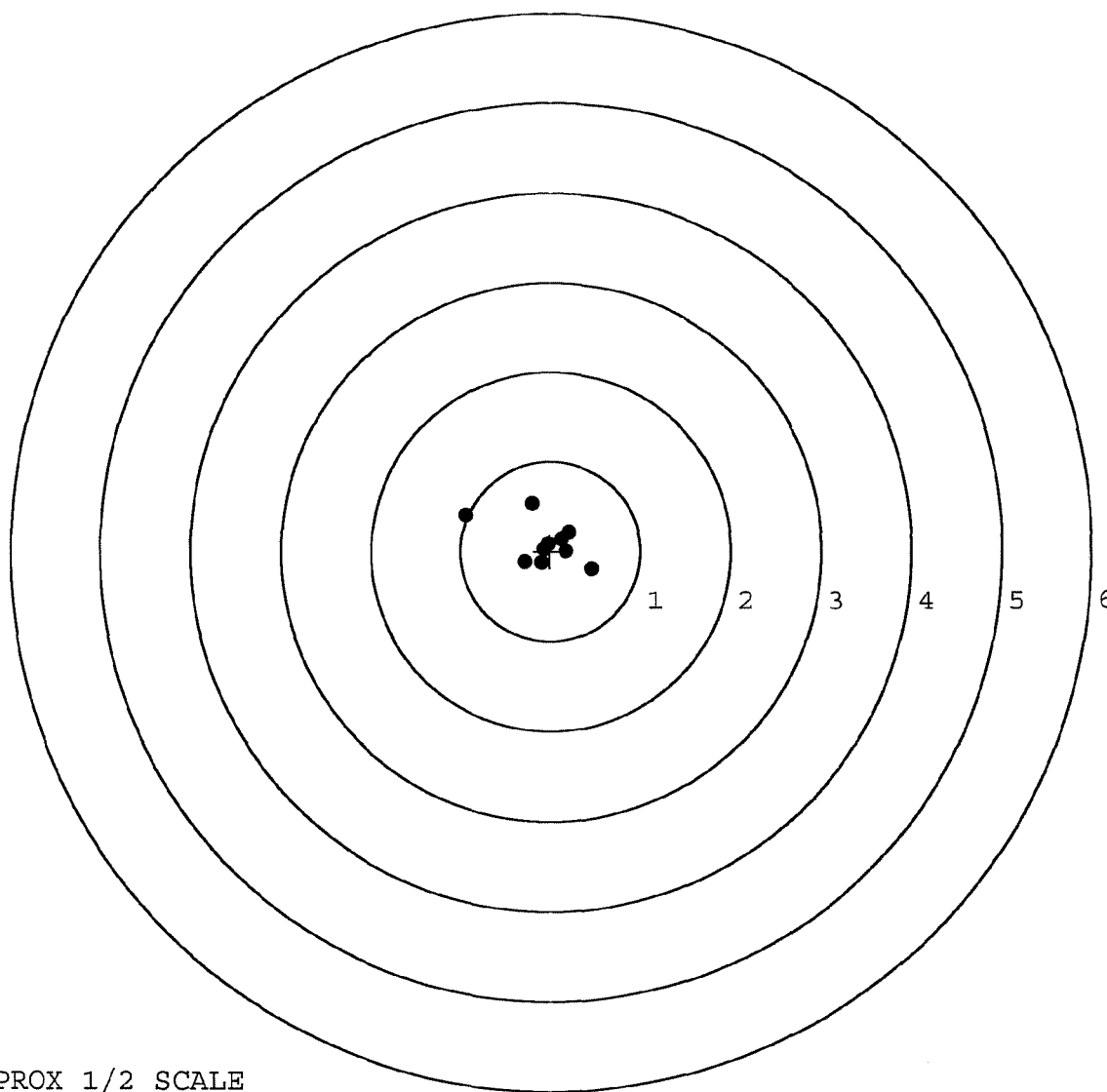
MAX RADIUS: 0.934

MEAN RADIUS: 0.340

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. __0

TARGET NUMBER: 4

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	-0.380	0.655
2:	-0.462	0.351
3:	-1.092	-0.288
4:	-0.944	-0.563
5:	-0.369	-0.227
6:	-0.165	-0.200
7:	0.741	-0.115
8:	0.486	-0.093
9:	0.221	0.269
10:	0.514	0.044

X CENTROID: -0.145

Y CENTROID: -0.017

POA TO CENTROID: 0.146

HORZ SPREAD: 1.833

VERT SPREAD: 1.218

GROUP SPREAD: 1.841

MIN RADIUS: 0.184

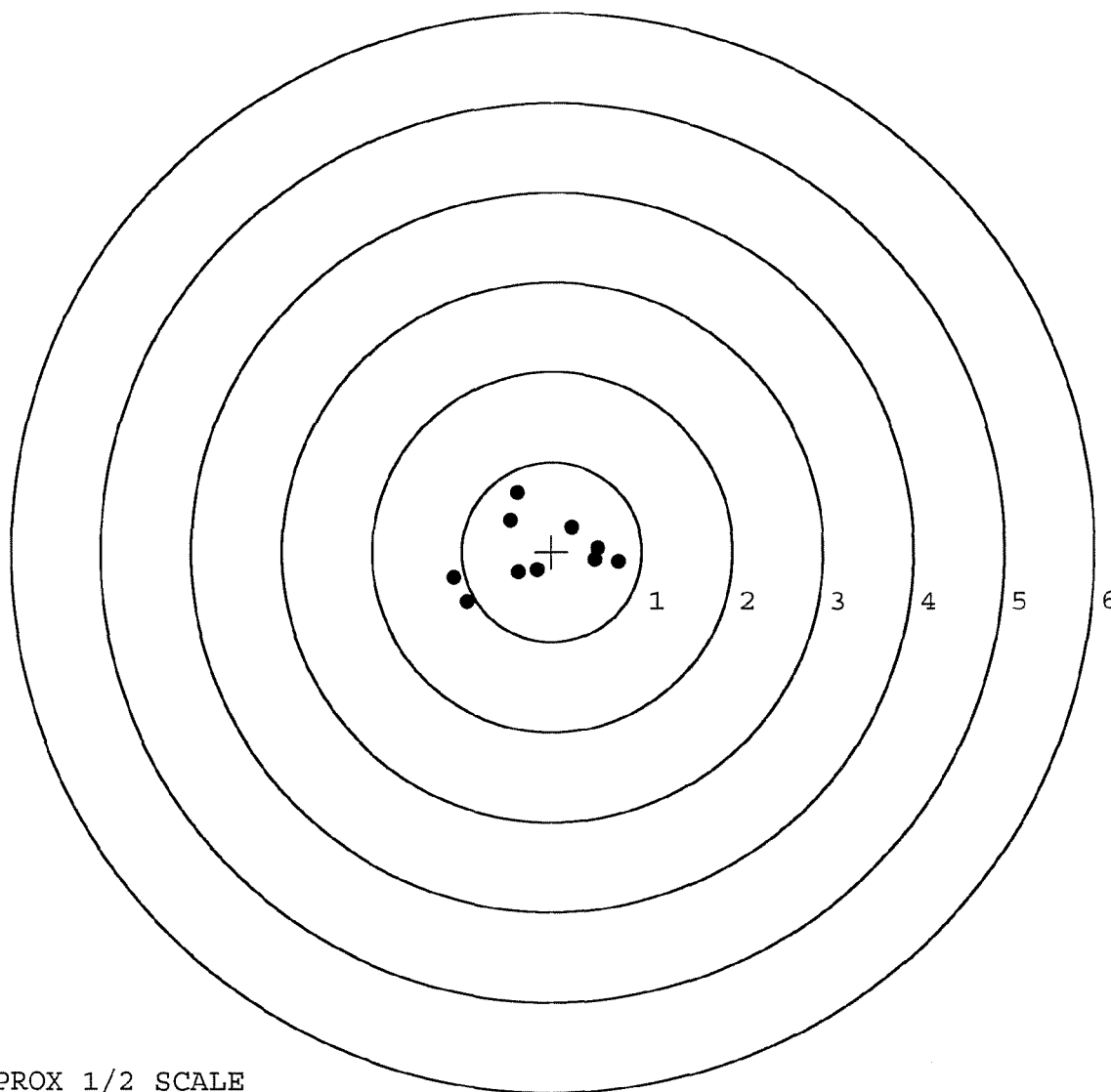
MAX RADIUS: 0.985

MEAN RADIUS: 0.629

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. __0

TARGET NUMBER: 5

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	0.427	0.506
2:	0.458	-0.079
3:	-0.159	-0.447
4:	-0.784	0.090
5:	0.102	0.394
6:	-0.134	0.267
7:	-0.045	-0.021
8:	-0.247	-0.228
9:	0.200	-0.020
10:	0.106	0.351

X CENTROID: -0.008

Y CENTROID: 0.081

POA TO CENTROID: 0.082

HORZ SPREAD: 1.242

VERT SPREAD: 0.953

GROUP SPREAD: 1.280

MIN RADIUS: 0.109

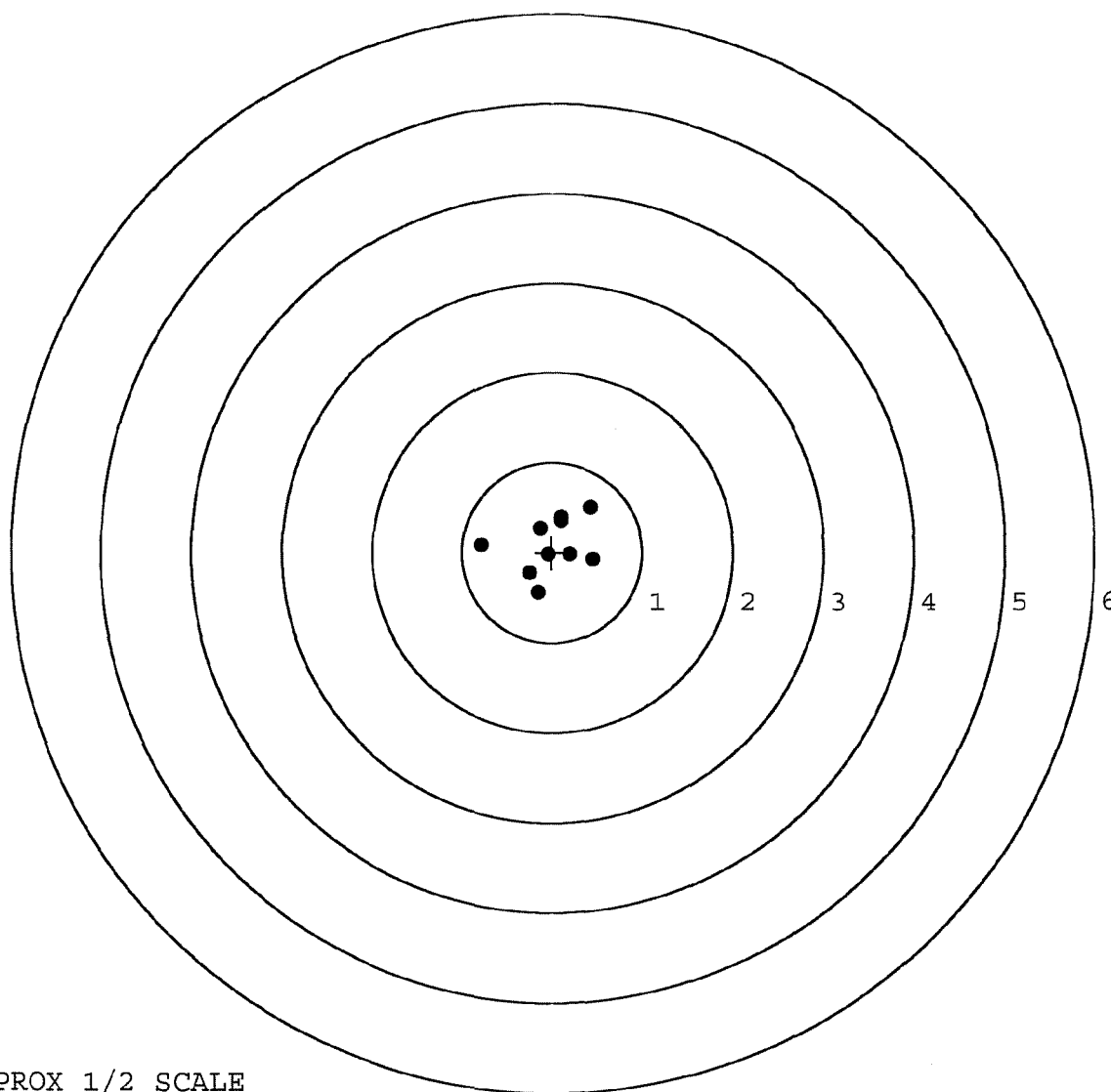
MAX RADIUS: 0.776

MEAN RADIUS: 0.401

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	070756		
SERIAL NUMBER	E6413467		
LOG-IN DATE	10-7-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-03	RW
560 A	RE-BARREL	10-8-03	RTL
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-9-03	RTL
600	PROOF	10-9-03	AC
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RTL
612	MAGNAFLUX	10-11-03	RL
615	ROLLMARK CALIBER	10-13-03	RL
618	ROTO-BLAST	10-15-03	RL
620	APPLY COATINGS	10-25-03	RL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-27-03	AC
655	FINAL INSPECT	10-27-03	RW
660	PACK	10-28-03	RA
		SHIP DATE	
QAR INSPECTION DATE			

3/15/02

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00042304** Serial: C6522238 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Produced: 09/19/1990 Repairman: Status: Closed 2/26/02 7:10:17 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: C CO SPT BN C CO SPT BN

Address 1: 1ST SWTG(A) 1ST SWTG(A)

Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

naclqj 3/14/02 7:04 AM CAPS NUM INS SCRL

Start C... P... S... S... R... In... Ex... S... SA... 7:04 AM

C6522238

New #

E6413467

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413467.__0
FILE DATE AND TIME: 03/14/2002 02:58

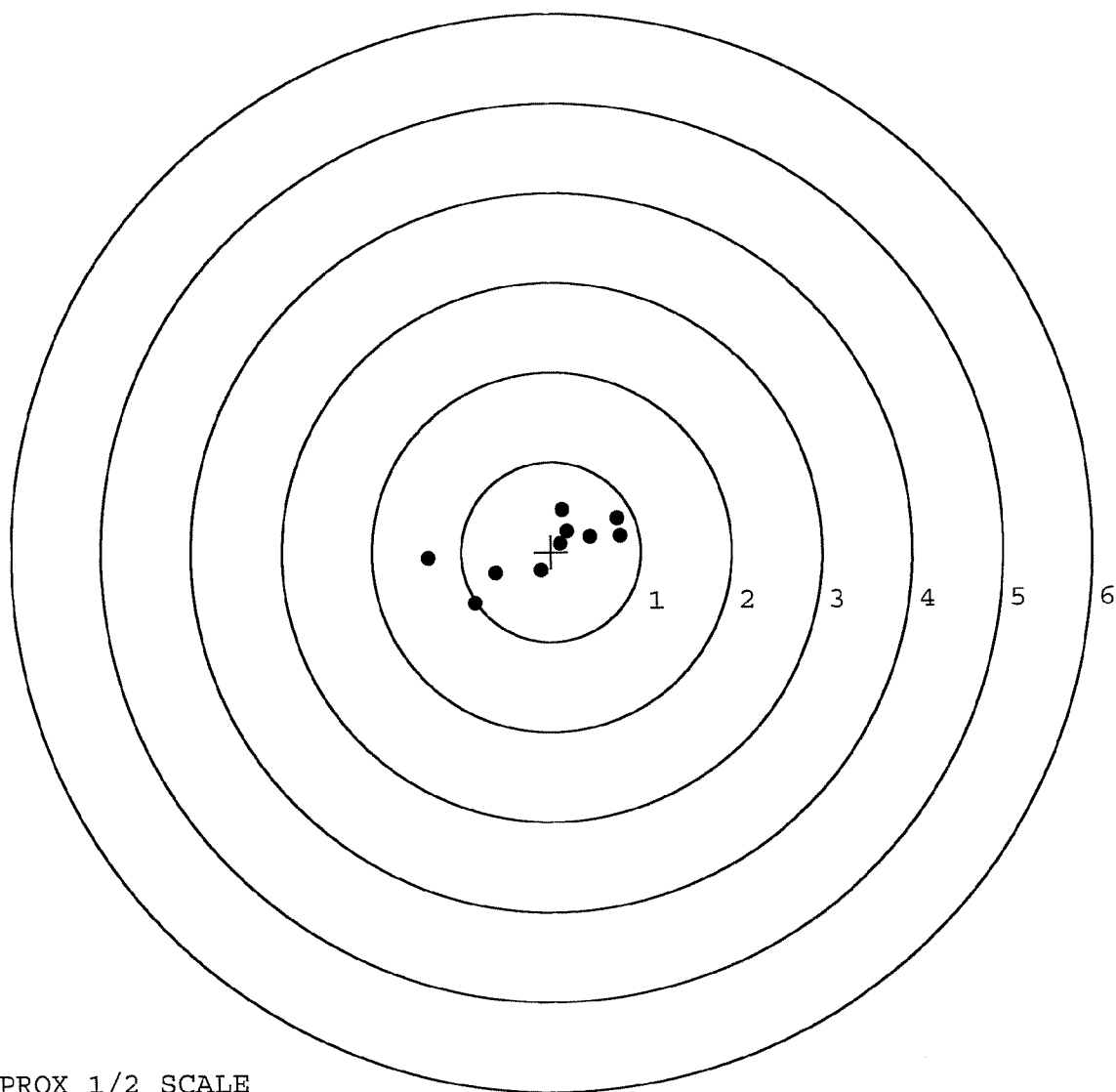
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.563
The Distance from POA to Centroid Target #1:	0.073
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.052
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.066

SERIAL NUMBER: E6413467. __0
TARGET NUMBER: 1
FILE DATE: 03/14/2002
FILE TIME: 02:58

X CENTROID: -0.060
Y CENTROID: 0.041
POA TO CENTROID: 0.073
HORZ SPREAD: 2.140
VERT SPREAD: 1.039
GROUP SPREAD: 2.153
MIN RADIUS: 0.172
MAX RADIUS: 1.316
MEAN RADIUS: 0.635
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.736	0.367
2:	0.768	0.174
3:	0.436	0.169
4:	0.127	0.468
5:	0.183	0.228
6:	0.106	0.088
7:	-0.116	-0.210
8:	-0.616	-0.236
9:	-0.850	-0.571
10:	-1.372	-0.063

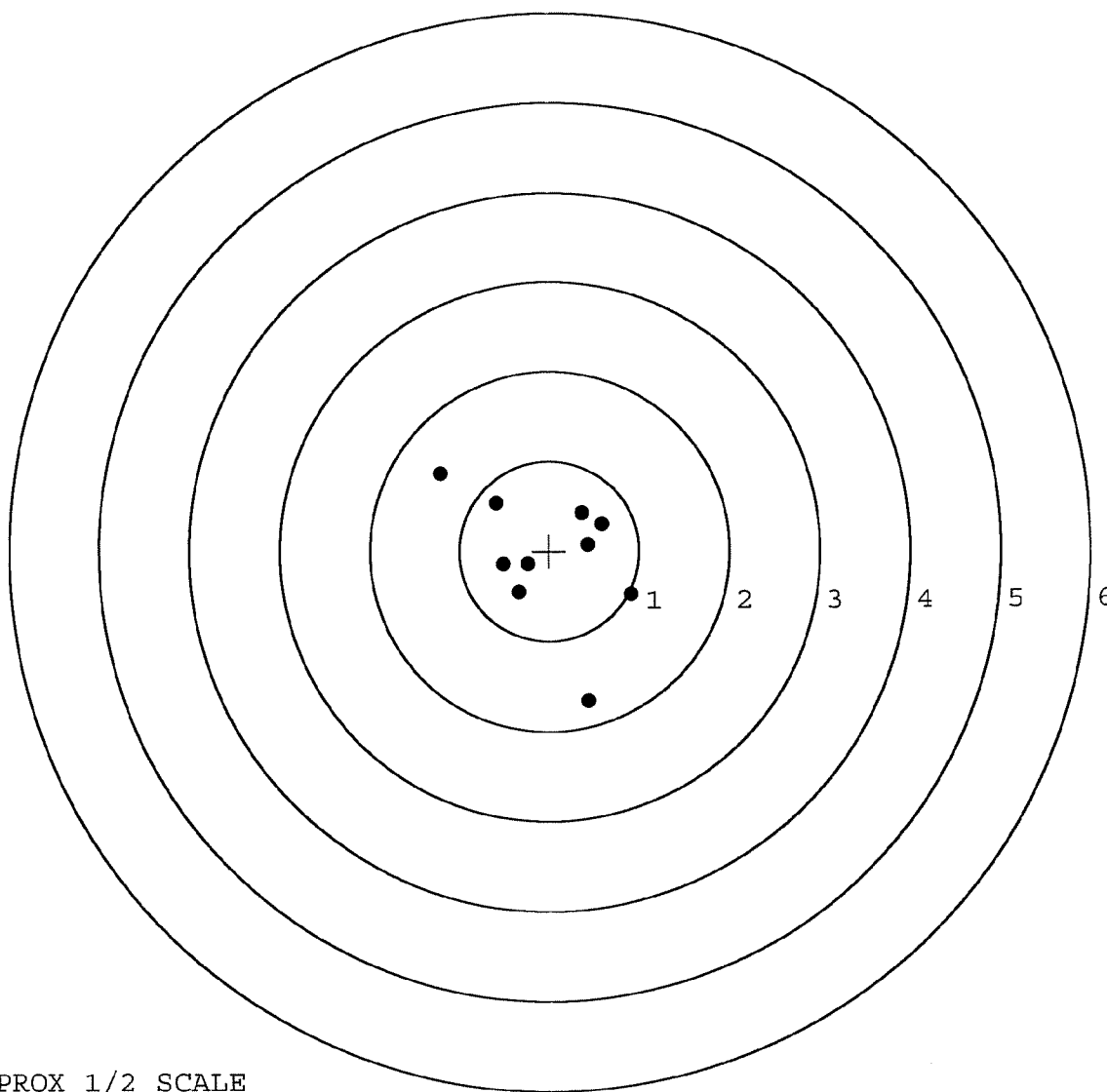


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. __0
TARGET NUMBER: 2
FILE DATE: 03/14/2002
FILE TIME: 02:58

POINT#	X	Y
1:	-1.212	0.872
2:	-0.589	0.537
3:	-0.240	-0.150
4:	-0.507	-0.150
5:	-0.339	-0.462
6:	0.909	-0.492
7:	0.439	-1.670
8:	0.369	0.426
9:	0.589	0.296
10:	0.435	0.072

X CENTROID: -0.015
Y CENTROID: -0.072
POA TO CENTROID: 0.074
HORZ SPREAD: 2.121
VERT SPREAD: 2.542
GROUP SPREAD: 3.031
MIN RADIUS: 0.238
MAX RADIUS: 1.661
MEAN RADIUS: 0.809
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

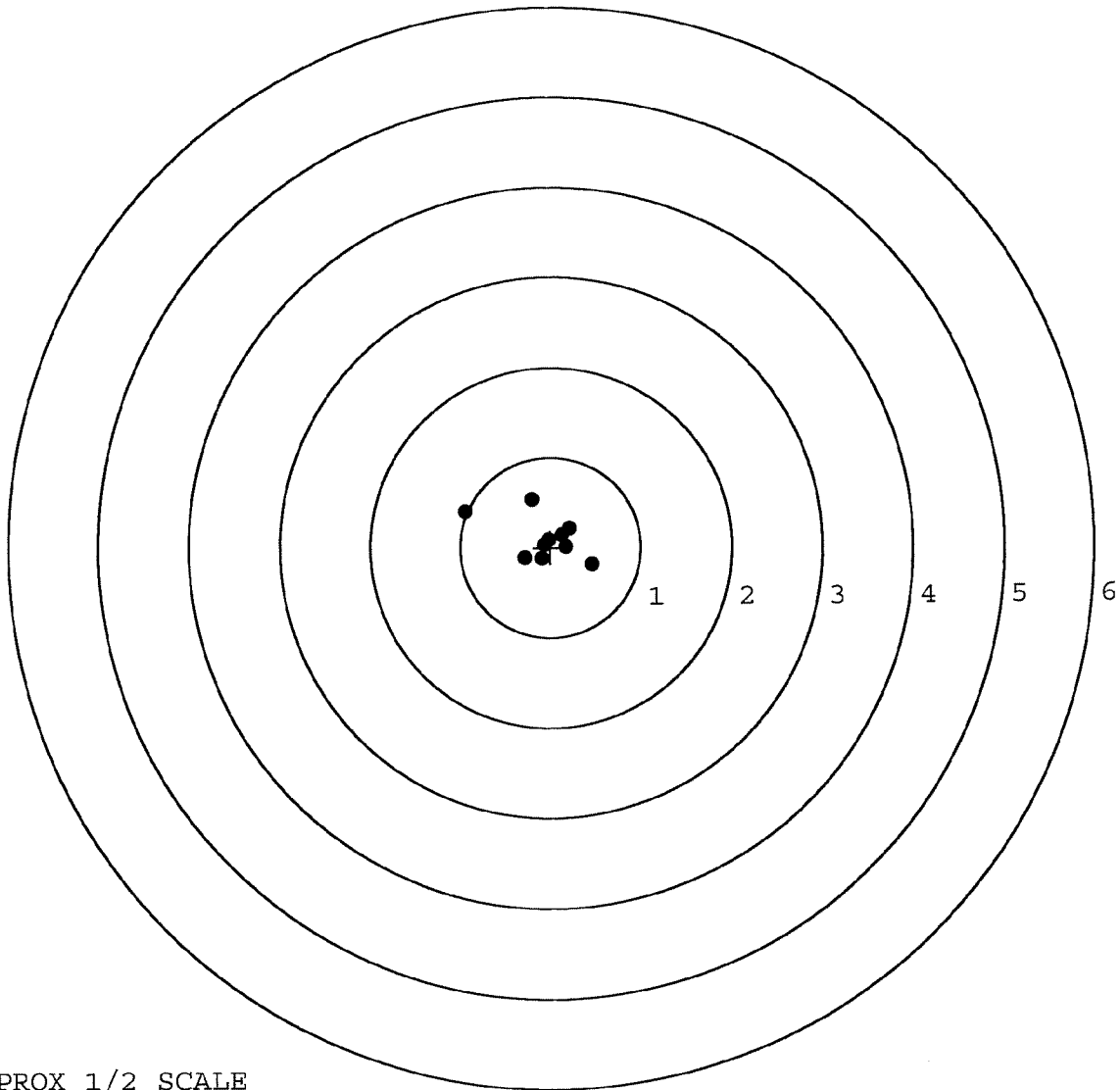


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467.___0
TARGET NUMBER: 3
FILE DATE: 03/14/2002
FILE TIME: 02:58

X CENTROID: -0.064
Y CENTROID: 0.093
POA TO CENTROID: 0.113
HORZ SPREAD: 1.410
VERT SPREAD: 0.726
GROUP SPREAD: 1.532
MIN RADIUS: 0.039
MAX RADIUS: 0.934
MEAN RADIUS: 0.340
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.201	0.529
2:	-0.945	0.403
3:	0.215	0.208
4:	-0.025	0.086
5:	-0.283	-0.126
6:	-0.097	-0.132
7:	0.465	-0.197
8:	0.178	-0.003
9:	0.127	0.136
10:	-0.071	0.024

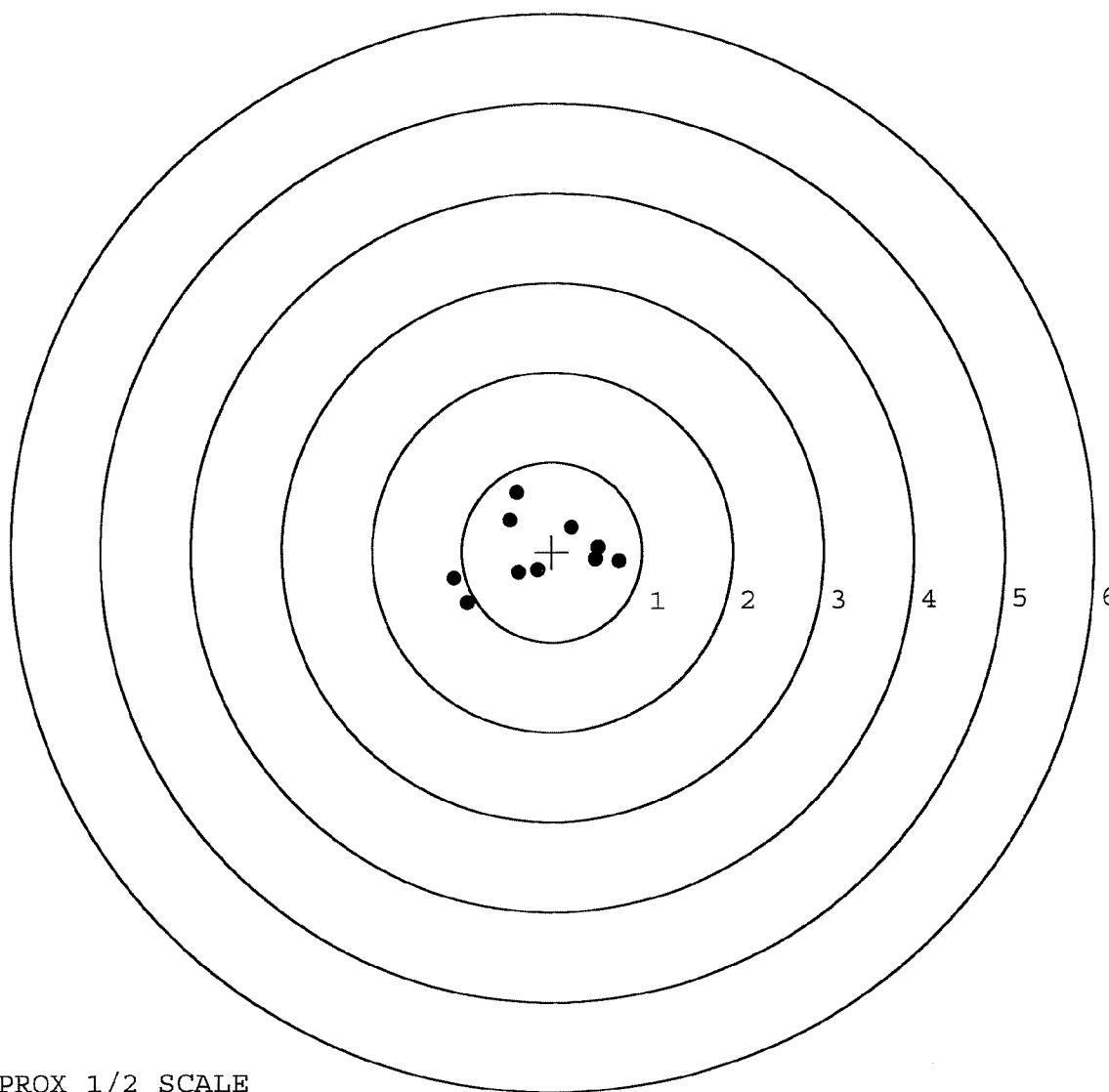


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467.___0
TARGET NUMBER: 4
FILE DATE: 03/14/2002
FILE TIME: 02:58

X CENTROID: -0.145
Y CENTROID: -0.017
POA TO CENTROID: 0.146
HORZ SPREAD: 1.833
VERT SPREAD: 1.218
GROUP SPREAD: 1.841
MIN RADIUS: 0.184
MAX RADIUS: 0.985
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.380	0.655
2:	-0.462	0.351
3:	-1.092	-0.288
4:	-0.944	-0.563
5:	-0.369	-0.227
6:	-0.165	-0.200
7:	0.741	-0.115
8:	0.486	-0.093
9:	0.221	0.269
10:	0.514	0.044



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413467. __0

TARGET NUMBER: 5

FILE DATE: 03/14/2002

FILE TIME: 02:58

POINT#	X	Y
1:	0.427	0.506
2:	0.458	-0.079
3:	-0.159	-0.447
4:	-0.784	0.090
5:	0.102	0.394
6:	-0.134	0.267
7:	-0.045	-0.021
8:	-0.247	-0.228
9:	0.200	-0.020
10:	0.106	0.351

X CENTROID: -0.008

Y CENTROID: 0.081

POA TO CENTROID: 0.082

HORZ SPREAD: 1.242

VERT SPREAD: 0.953

GROUP SPREAD: 1.280

MIN RADIUS: 0.109

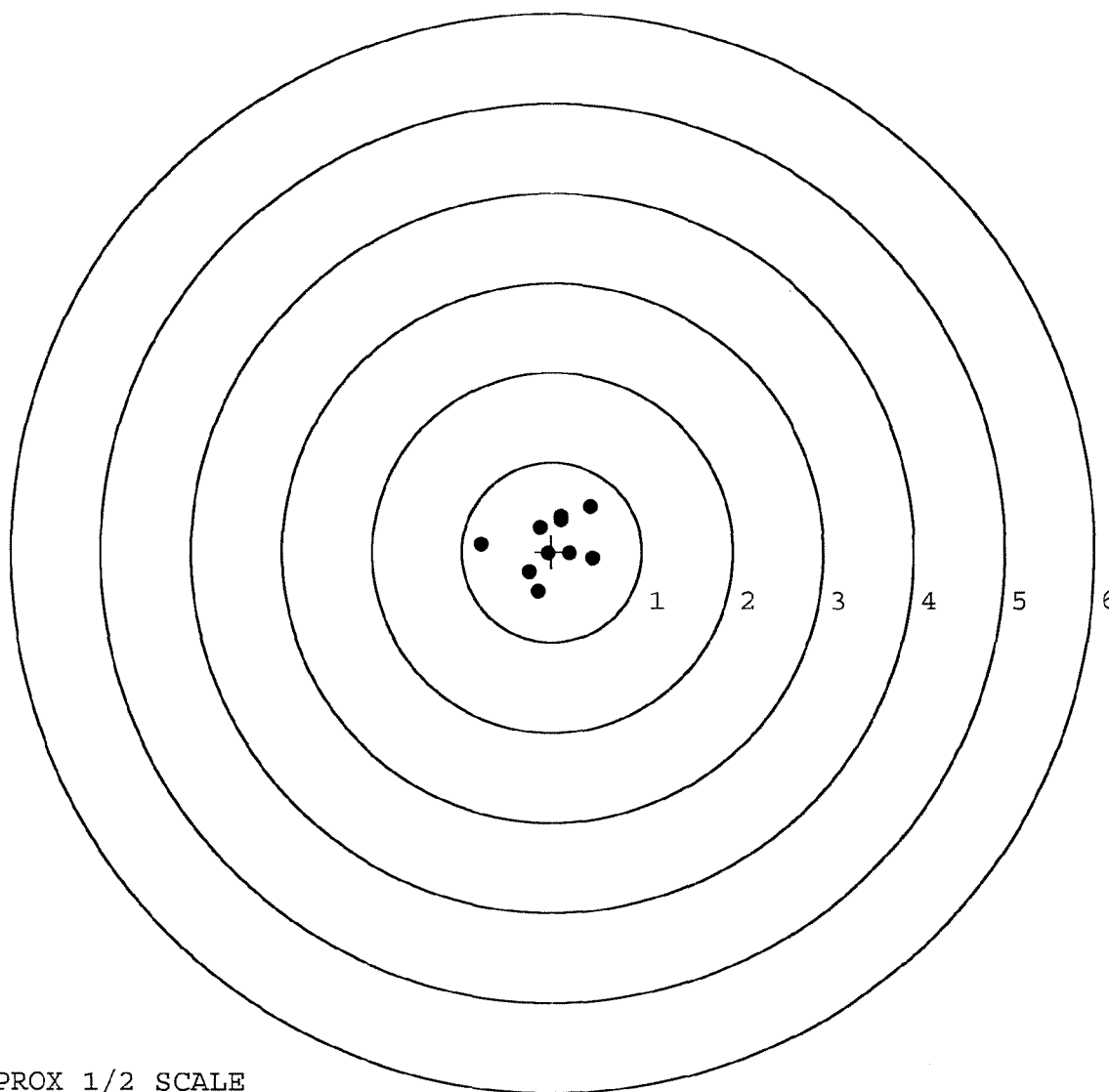
MAX RADIUS: 0.776

MEAN RADIUS: 0.401

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42304			
SERIAL NUMBER C6522238		New # E6413467	
LOG-IN DATE 2/26/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/28/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3/6/02	RH
605	CHECK HEADSPACE	3/6/02	RH
610	DIS-ASSEMBLE GUN	3/6/02	RH
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3/7/02	TW
618	ROTO-BLAST	3/8/02	TW
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3/13/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-14-02	AW
655	FINAL INSPECT	3-14-02	EW
660	PACK	3-15-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410303.__0
FILE DATE AND TIME: 07/12/2006 08:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.082
The Average Y Centroid of the Five Target Set:	-0.122
The Average Point of Impact of the Five Target Set:	0.147
The Average Mean Radius of the Five Target Set:	0.713
The Distance from POA to Centroid Target #1:	0.239
The Distance from Centroid Target #2 to Centroid Target #1:	0.366
The Distance from Centroid Target #3 to Centroid Target #1:	0.177
The Distance from Centroid Target #4 to Centroid Target #1:	0.084
The Distance from Centroid Target #5 to Centroid Target #1:	0.220

SERIAL NUMBER: G6410303. __0

TARGET NUMBER: 1

FILE DATE: 07/12/2006

FILE TIME: 08:28

X CENTROID: 0.101

Y CENTROID: -0.217

POA TO CENTROID: 0.239

HORZ SPREAD: 1.099

VERT SPREAD: 1.895

GROUP SPREAD: 1.924

MIN RADIUS: 0.098

MAX RADIUS: 1.125

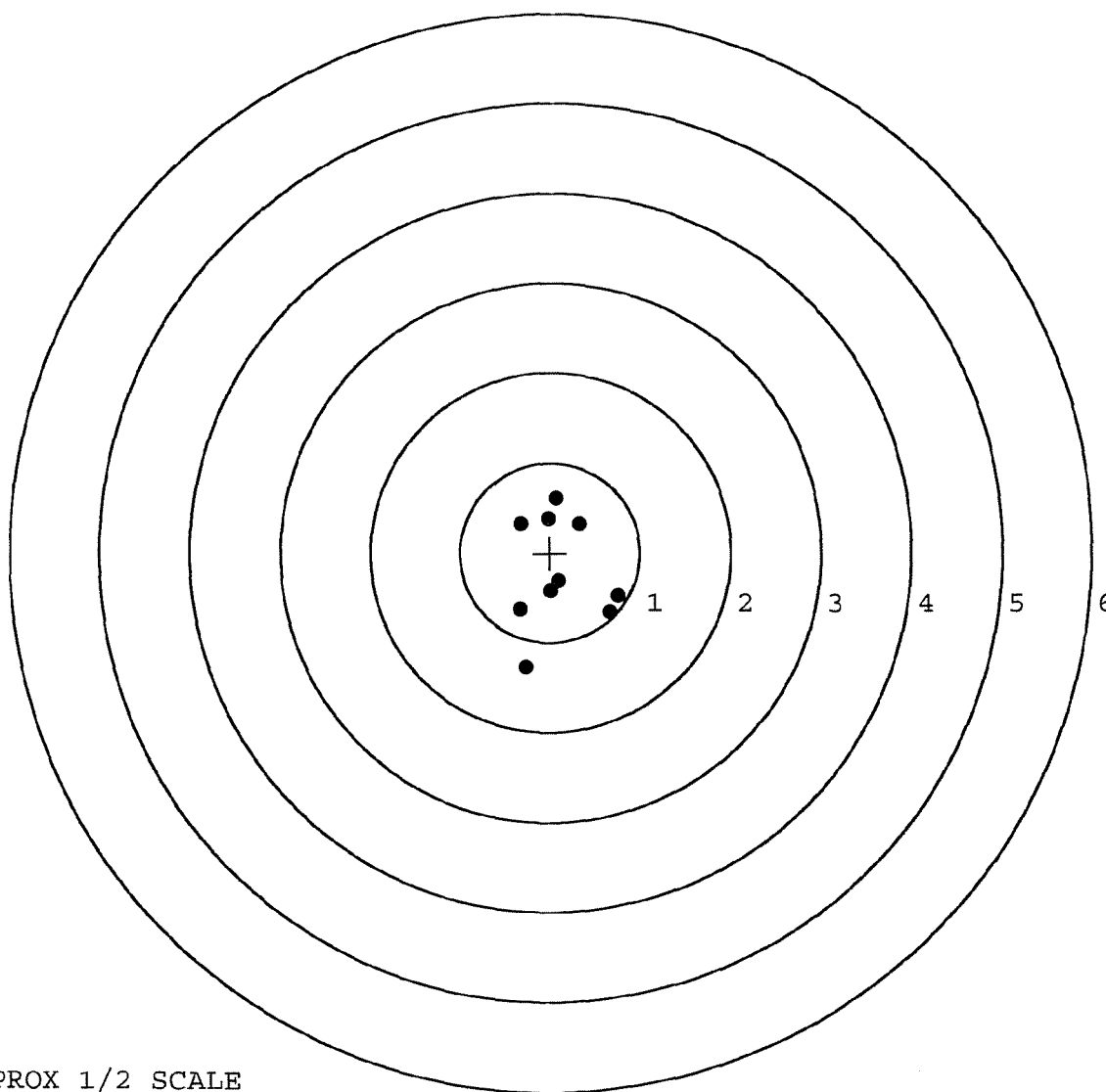
MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.766	-0.485
2:	0.672	-0.661
3:	-0.261	-1.282
4:	-0.333	-0.639
5:	0.015	-0.429
6:	0.103	-0.315
7:	0.328	0.322
8:	0.072	0.613
9:	-0.022	0.385
10:	-0.332	0.322



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410303. __0

TARGET NUMBER: 2

FILE DATE: 07/12/2006

FILE TIME: 08:28

POINT#	X	Y
1:	0.740	-0.742
2:	-0.037	-0.407
3:	-0.572	-0.777
4:	-0.545	-0.047
5:	-0.079	0.225
6:	0.366	-0.061
7:	0.446	0.327
8:	0.281	0.747
9:	-0.391	0.732
10:	0.486	1.482

X CENTROID: 0.070

Y CENTROID: 0.148

POA TO CENTROID: 0.163

HORZ SPREAD: 1.312

VERT SPREAD: 2.259

GROUP SPREAD: 2.494

MIN RADIUS: 0.167

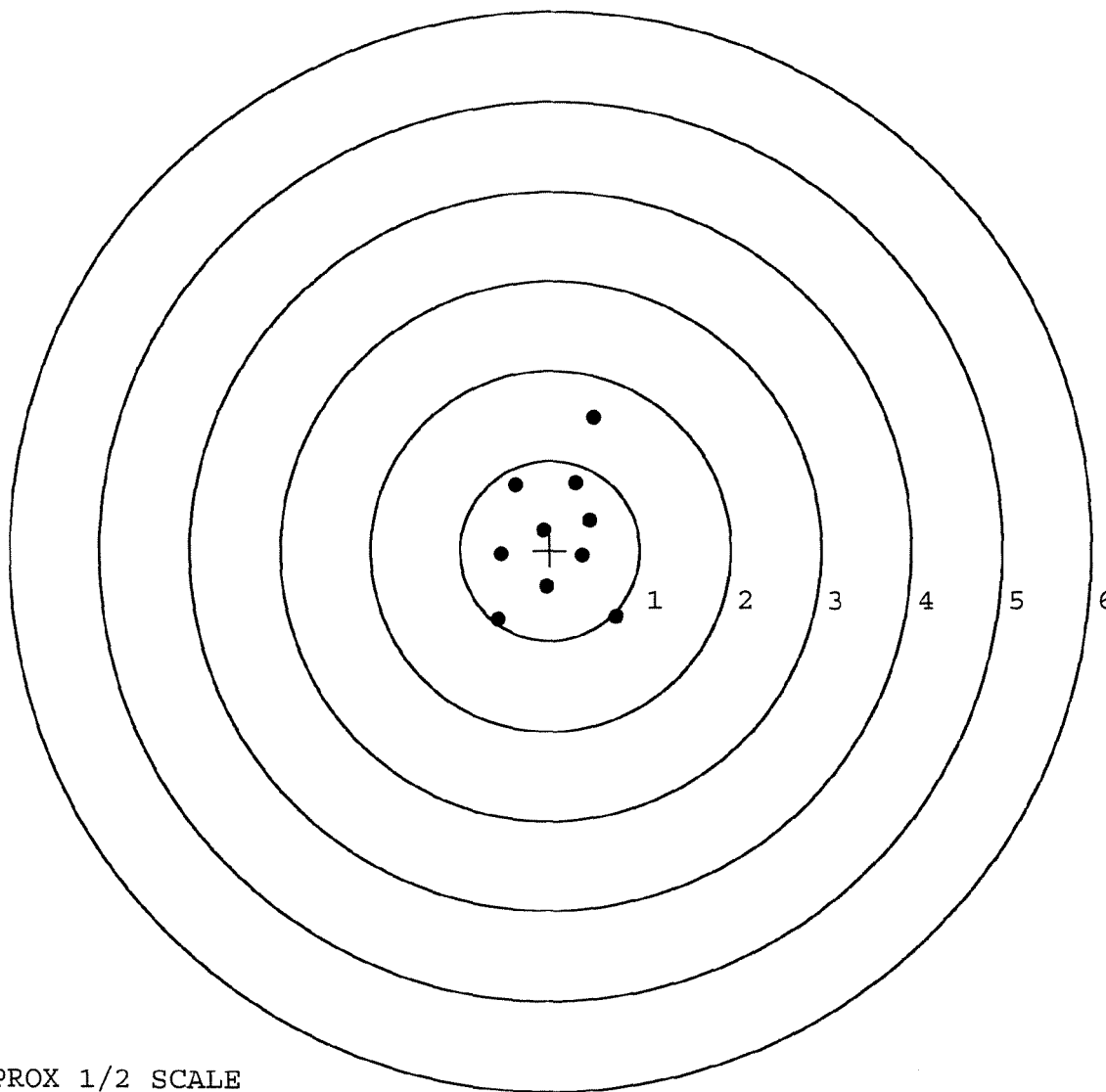
MAX RADIUS: 1.398

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410303. 0

TARGET NUMBER: 3

FILE DATE: 07/12/2006

FILE TIME: 08:28

X CENTROID: 0.225

Y CENTROID: -0.091

POA TO CENTROID: 0.243

HORZ SPREAD: 1.714

VERT SPREAD: 2.773

GROUP SPREAD: 3.208

MIN RADIUS: 0.274

MAX RADIUS: 1.782

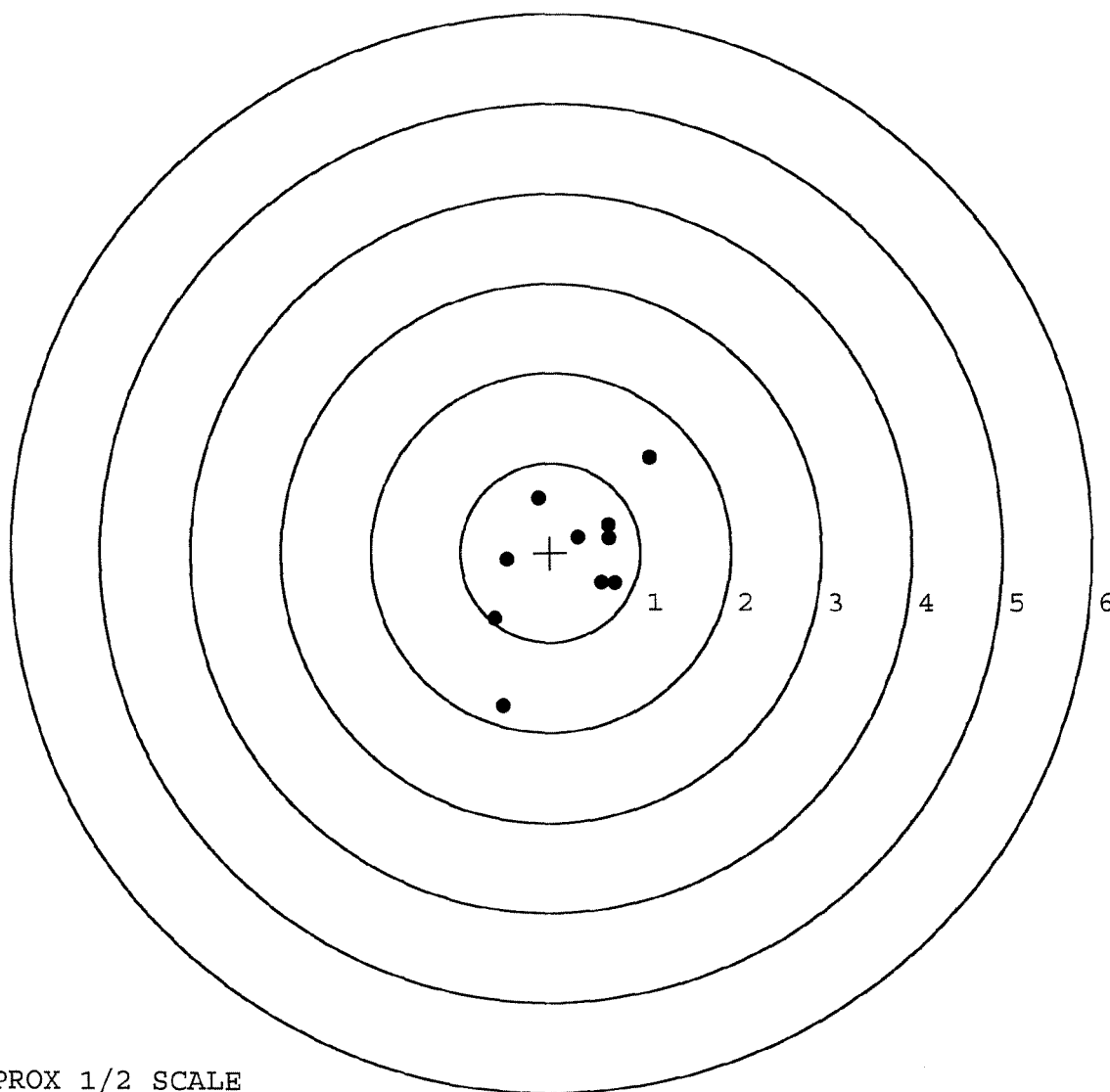
MEAN RADIUS: 0.812

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.098	1.060
2:	0.641	0.313
3:	0.648	0.161
4:	0.726	-0.342
5:	0.577	-0.337
6:	0.309	0.170
7:	-0.134	0.604
8:	-0.484	-0.086
9:	-0.616	-0.742
10:	-0.514	-1.713



TARGET APPROX 1/2 SCALE

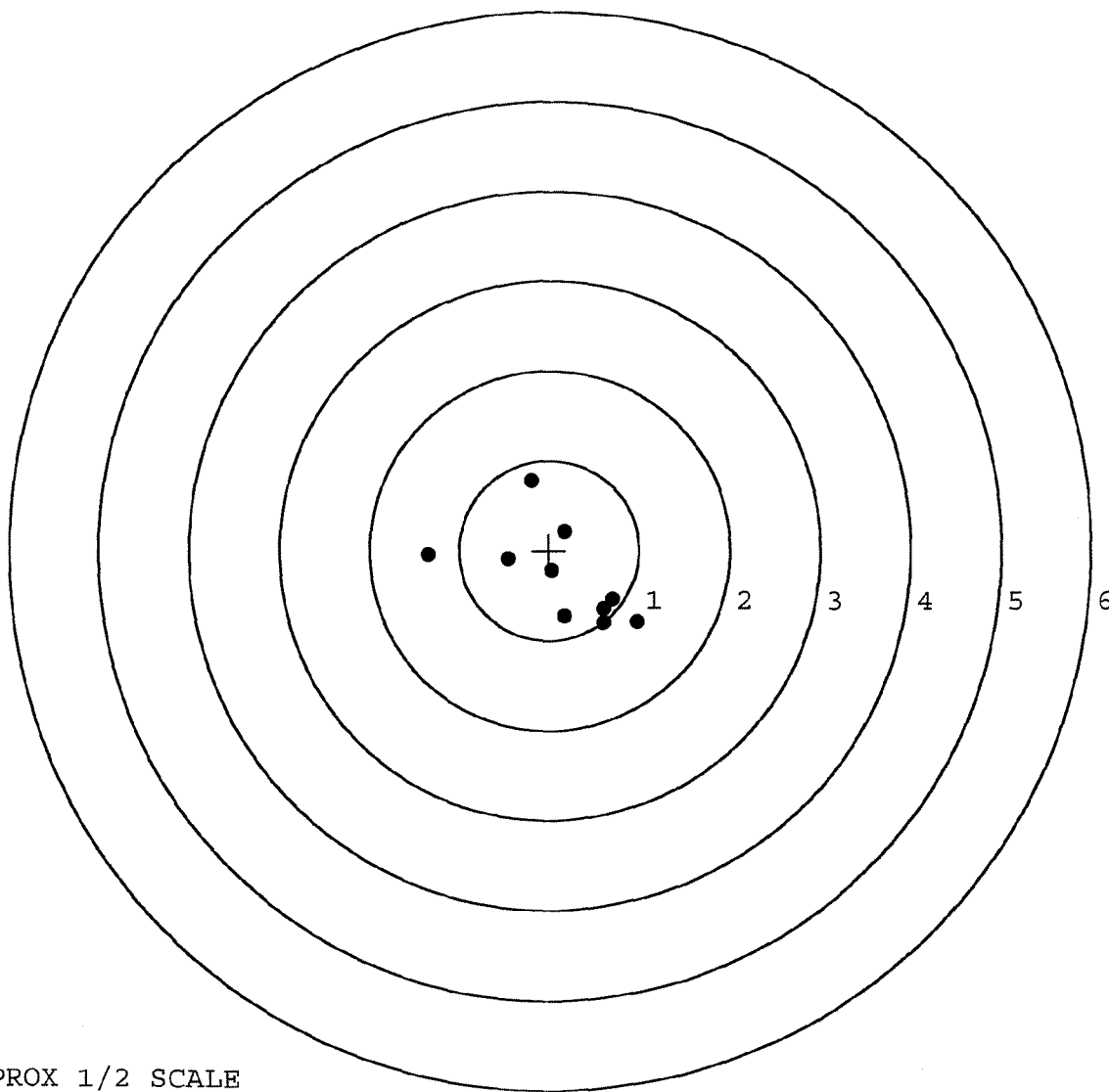
SERIAL NUMBER: G6410303. 0

TARGET NUMBER: 4

FILE DATE: 07/12/2006

FILE TIME: 08:28

	POINT#	X	Y
X CENTROID:	1:	-0.201	0.771
Y CENTROID:	2:	0.169	0.209
POA TO CENTROID:	3:	0.027	-0.230
HORZ SPREAD:	4:	-0.456	-0.105
VERT SPREAD:	5:	-1.349	-0.059
GROUP SPREAD:	6:	0.178	-0.734
MIN RADIUS:	7:	0.710	-0.548
MAX RADIUS:	8:	0.607	-0.655
MEAN RADIUS:	9:	0.607	-0.812
# IN 1 IN DIAMETER:	10:	0.984	-0.799
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			

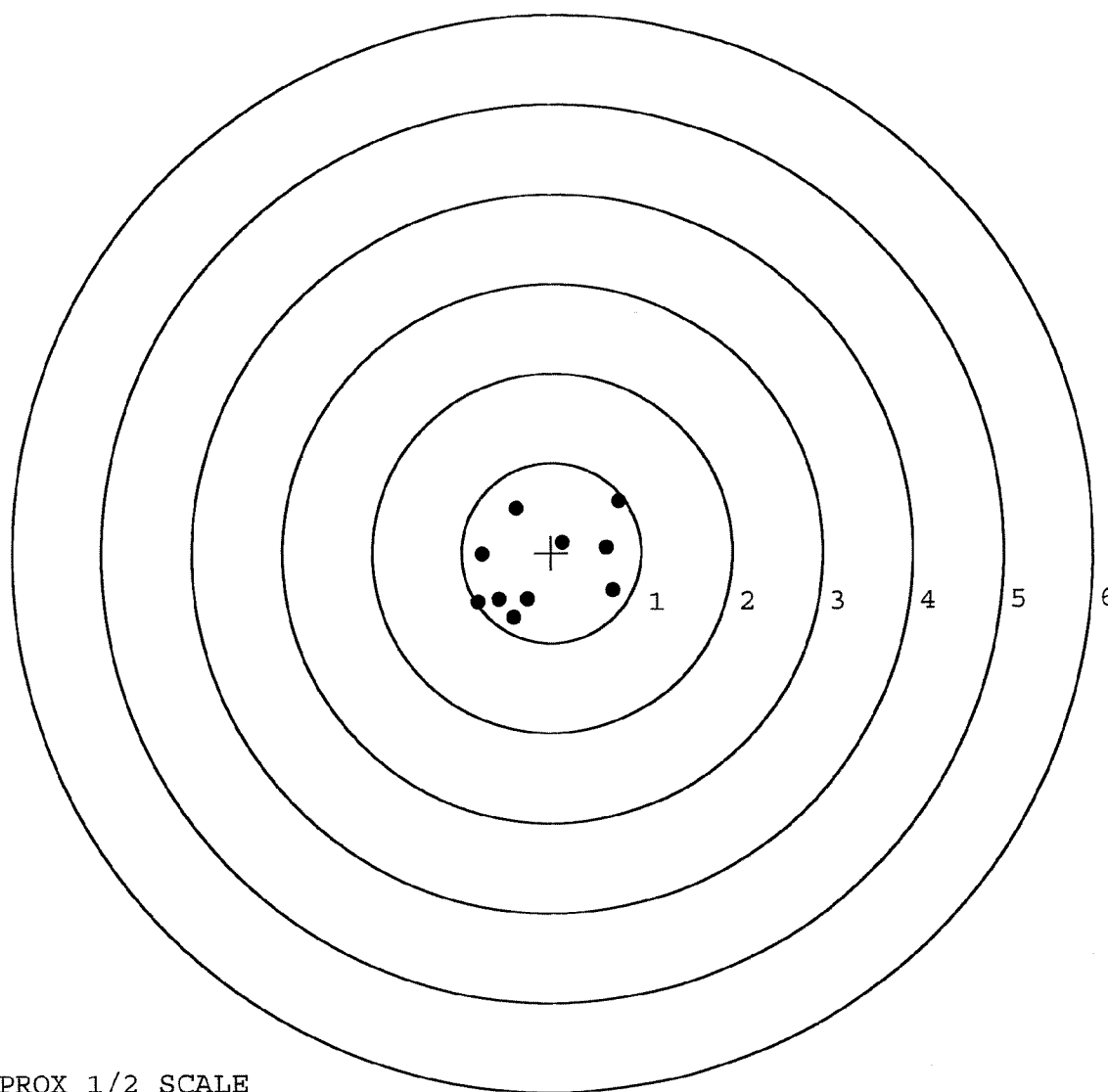


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410303. __0
TARGET NUMBER: 5
FILE DATE: 07/12/2006
FILE TIME: 08:28

X CENTROID: -0.111
Y CENTROID: -0.154
POA TO CENTROID: 0.190
HORZ SPREAD: 1.570
VERT SPREAD: 1.289
GROUP SPREAD: 1.922
MIN RADIUS: 0.353
MAX RADIUS: 1.118
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.747	0.563
2:	0.613	0.048
3:	0.685	-0.430
4:	0.126	0.108
5:	-0.389	0.492
6:	-0.778	-0.018
7:	-0.823	-0.546
8:	-0.592	-0.519
9:	-0.426	-0.726
10:	-0.269	-0.515



TARGET APPROX 1/2 SCALE

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 6-12-06

TESTER R.P

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.66	2.45		2.60	
PULL #2	2.51	2.53		2.51	
PULL #3	2.46	2.40		2.44	
PULL #4	2.61	2.44		2.44	
PULL #5	2.46	2.42		2.58	
TOTAL	12.70	12.24		12.57	
AVERAGE	2.54	2.44		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.18		
PULL #2	3.10	3.27		
PULL #3	3.15	3.13		
PULL #4	3.06	3.18		
PULL #5	2.96	3.19		
TOTAL	15.49	15.95		
AVERAGE	3.09	3.19		

	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	4.20	4.20		4.00
PULL #2	4.20	4.20		4.03
PULL #3	3.90	4.19		4.06
PULL #4	4.25	4.12		4.05
PULL #5	4.23	4.09		3.94
TOTAL	20.78	20.80		20.08
AVERAGE	4.15	4.16		4.01

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER		113019		FORT BRAGG	
SERIAL NUMBER		E6413467		G 6410303	
LOG-IN DATE		5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		6-13-06	AL	
505	RE-BARREL		6-13-06	AL	
560	ASSEMBLE		6-22-06	AL	
600	PROOF	MAGNA-FLUX INSPECTED	6-27-06	AL	
605	CHECK HEADSPACE	JUN 27 2006	6-27-06	AL	
610	DIS-ASSEMBLE GUN		6-27-06	AL	
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-27-06	APD	
510	DRILL AND TAP		6-26-06	TRW	
615	ROLLMARK CALIBER		6-27-06	CW	
618	ROTO-BLAST		6-29-06	LB	
620	APPLY COATINGS		7-1-06	HP	
625	FINAL ASSEMBLY		7-11-06	AL	
640	FUNCTION TEST AND	PASS FAIL	7-12-06	TRW	
650	TARGET	PASS FAIL	7-12-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		7-12-06	BD	
	A) HEADSPACE	PASS FAIL	7-17-06	AL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.76 2.61 2.71 2.47 2.82	7.1406	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 7.0 7.0	7.1406	RA
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 3.0 3.0	7.1406	RA
	I) FIRING PIN INDENT	.020	.022 .023 .022	7.1406	RA
690	PACK			8-306	RA