

G-6590058

Rep/acc

E6413590

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413590.___0
FILE DATE AND TIME: 03/07/2003 15:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.094
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.614
The Distance from POA to Centroid Target #1:	0.138
The Distance from Centroid Target #2 to Centroid Target #1:	0.080
The Distance from Centroid Target #3 to Centroid Target #1:	0.005
The Distance from Centroid Target #4 to Centroid Target #1:	0.354
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 1

FILE DATE: 03/07/2003

FILE TIME: 15:00

POINT#	X	Y
1:	0.503	-1.148
2:	-0.888	0.127
3:	-0.567	-0.156
4:	-0.347	-0.454
5:	-0.004	-0.374
6:	-0.185	-0.154
7:	0.297	0.131
8:	0.070	0.260
9:	0.113	-0.001
10:	0.346	0.558

X CENTROID: -0.066

Y CENTROID: -0.121

POA TO CENTROID: 0.138

HORZ SPREAD: 1.391

VERT SPREAD: 1.706

GROUP SPREAD: 1.887

MIN RADIUS: 0.123

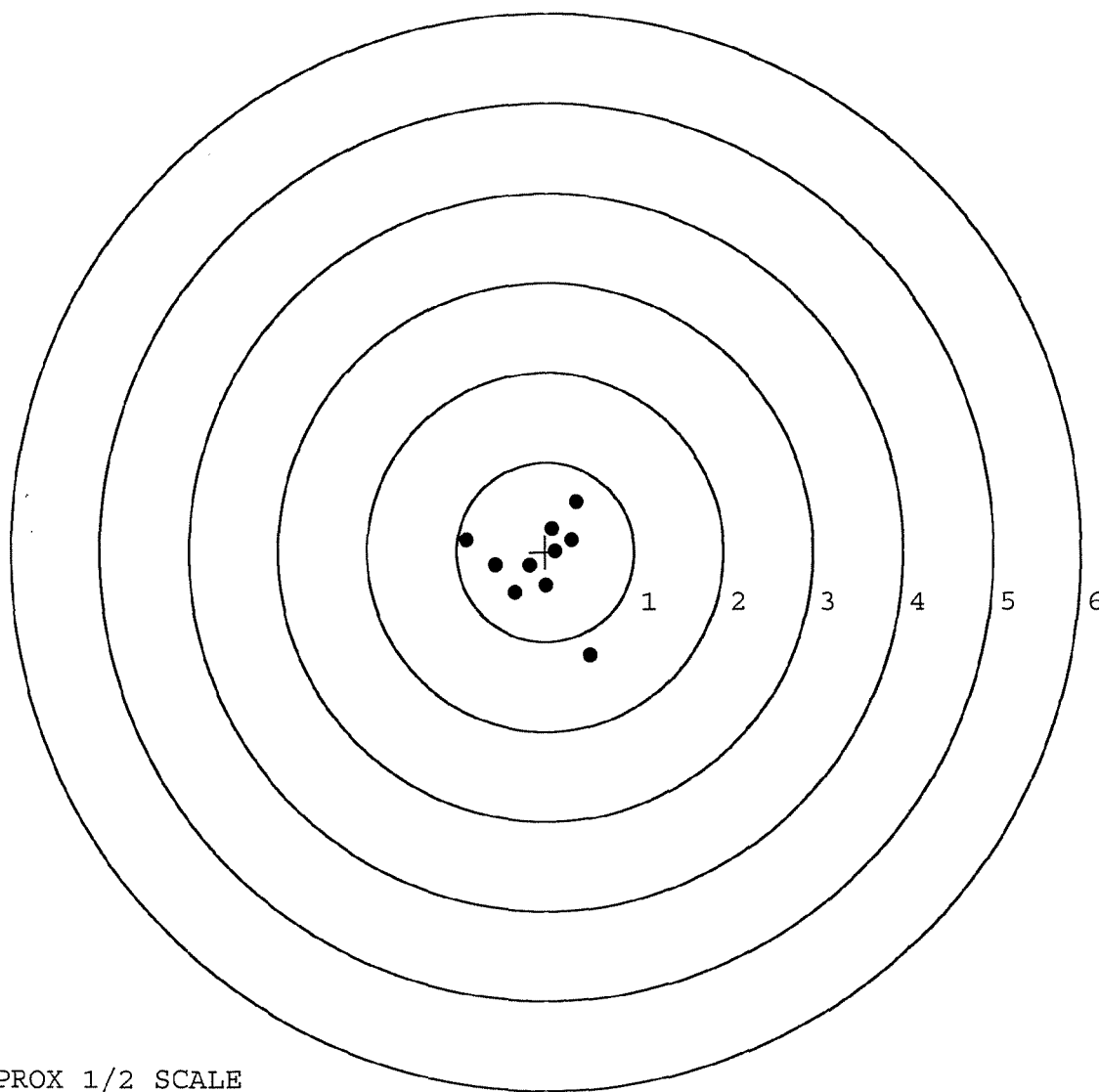
MAX RADIUS: 1.174

MEAN RADIUS: 0.521

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 2

FILE DATE: 03/07/2003

FILE TIME: 15:00

X CENTROID: -0.126

Y CENTROID: -0.068

POA TO CENTROID: 0.143

HORZ SPREAD: 1.191

VERT SPREAD: 1.293

GROUP SPREAD: 1.434

MIN RADIUS: 0.080

MAX RADIUS: 0.924

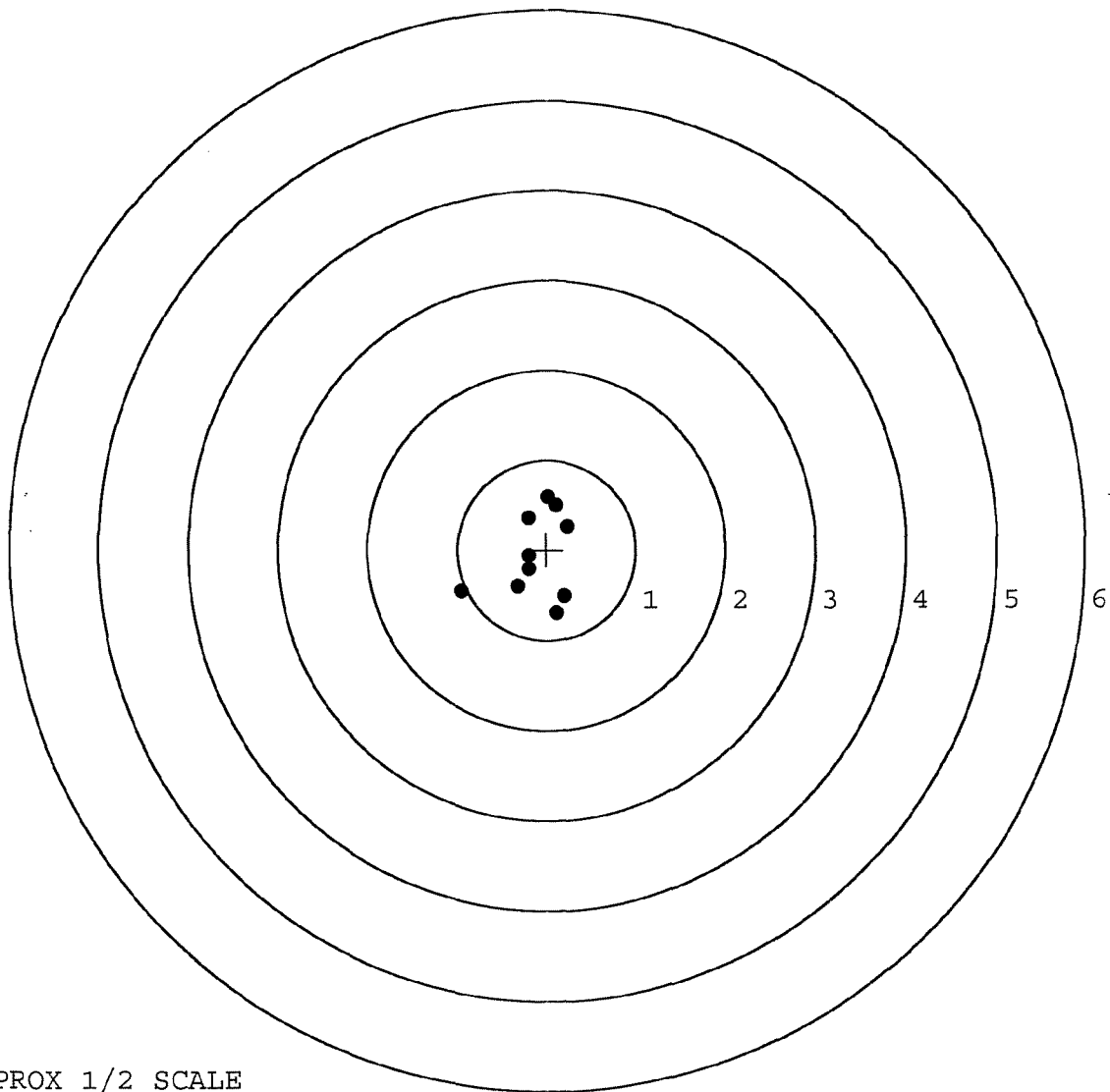
MEAN RADIUS: 0.500

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.112	-0.706
2:	0.198	-0.514
3:	-0.959	-0.466
4:	-0.333	-0.411
5:	-0.202	-0.218
6:	-0.206	-0.070
7:	0.232	0.262
8:	0.101	0.500
9:	0.009	0.587
10:	-0.208	0.356



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. __0

TARGET NUMBER: 3

FILE DATE: 03/07/2003

FILE TIME: 15:00

X CENTROID: -0.069

Y CENTROID: -0.117

POA TO CENTROID: 0.136

HORZ SPREAD: 1.915

VERT SPREAD: 1.253

GROUP SPREAD: 1.946

MIN RADIUS: 0.108

MAX RADIUS: 1.173

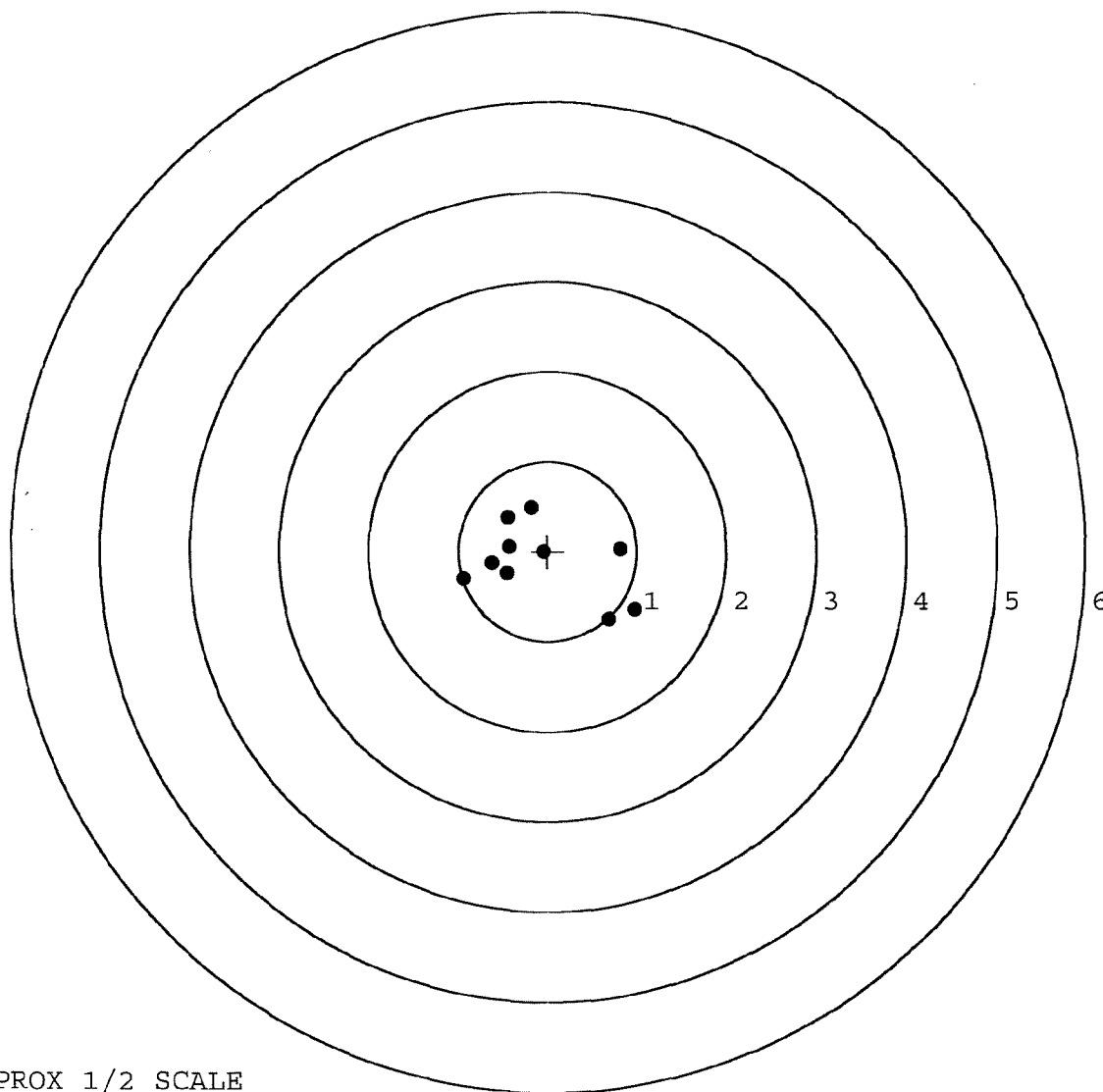
MEAN RADIUS: 0.670

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.974	-0.653
2:	0.690	-0.760
3:	0.818	0.033
4:	-0.193	0.493
5:	-0.049	-0.011
6:	-0.456	0.376
7:	-0.941	-0.308
8:	-0.466	-0.248
9:	-0.632	-0.139
10:	-0.440	0.049



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. __0

TARGET NUMBER: 4

FILE DATE: 03/07/2003

FILE TIME: 15:00

X CENTROID: -0.230

Y CENTROID: 0.192

POA TO CENTROID: 0.300

HORZ SPREAD: 1.865

VERT SPREAD: 1.744

GROUP SPREAD: 2.243

MIN RADIUS: 0.241

MAX RADIUS: 1.455

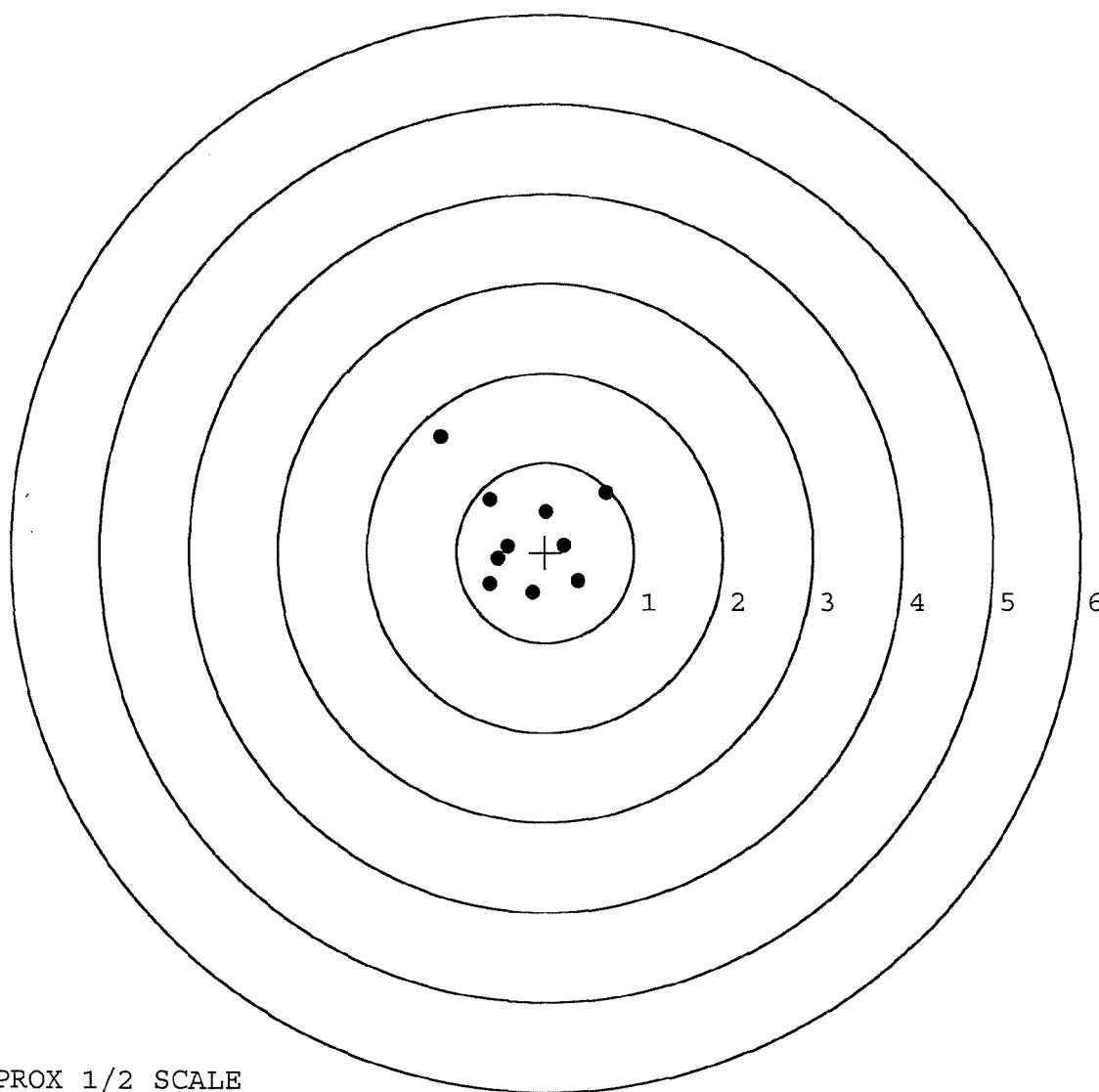
MEAN RADIUS: 0.661

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.372	-0.324
2:	-0.151	-0.453
3:	-0.627	-0.355
4:	-0.535	-0.078
5:	-0.432	0.061
6:	0.208	0.074
7:	0.001	0.452
8:	0.681	0.671
9:	-0.629	0.585
10:	-1.184	1.291



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 5

FILE DATE: 03/07/2003

FILE TIME: 15:00

POINT#	X	Y
1:	0.348	-1.183
2:	-0.255	-0.471
3:	0.030	-0.319
4:	-0.376	0.037
5:	-1.151	0.204
6:	-0.584	0.838
7:	0.738	-0.056
8:	0.383	0.057
9:	0.576	0.306
10:	0.483	0.573

X CENTROID: 0.019

Y CENTROID: -0.001

POA TO CENTROID: 0.019

HORZ SPREAD: 1.889

VERT SPREAD: 2.021

GROUP SPREAD: 2.226

MIN RADIUS: 0.318

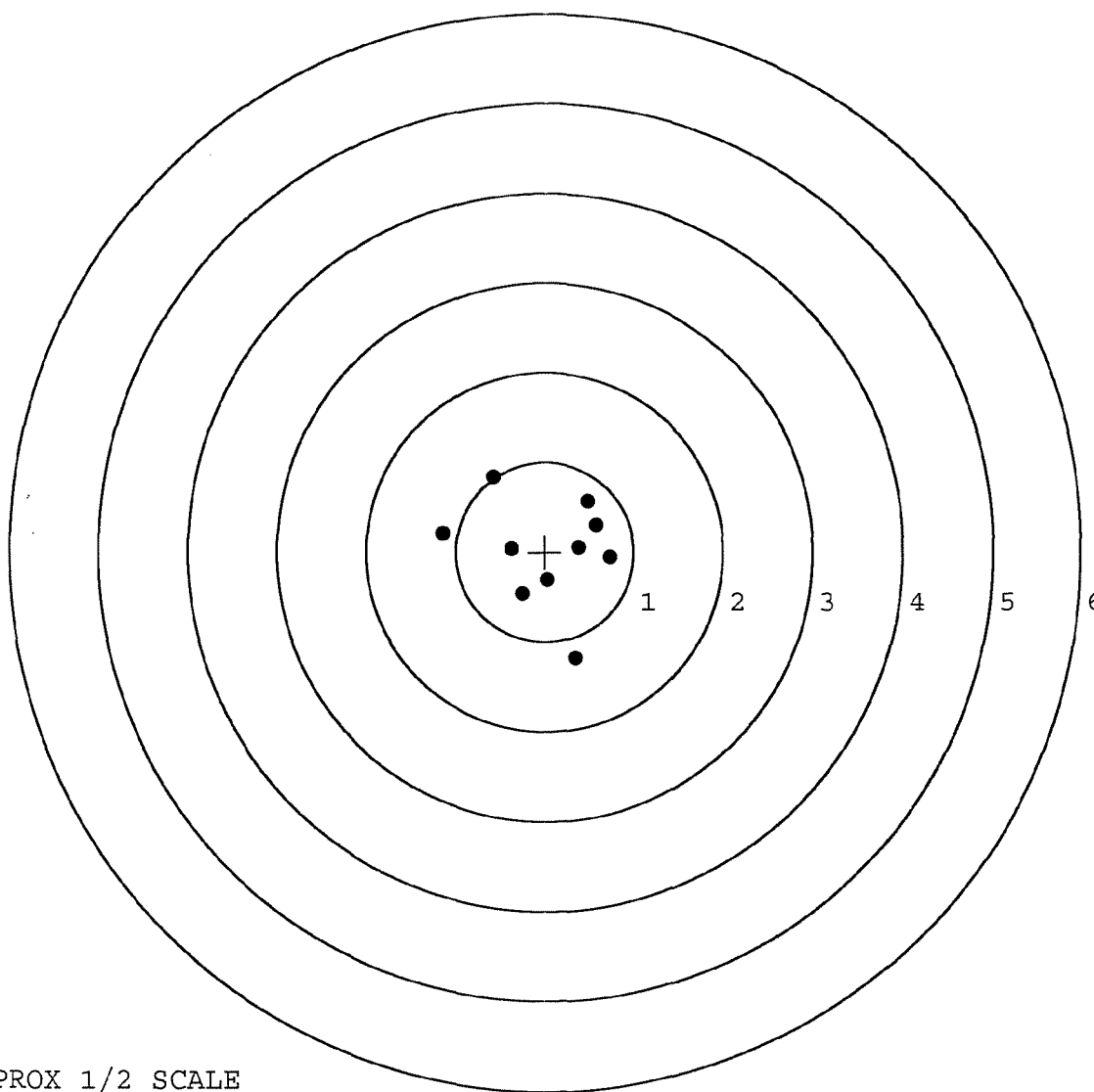
MAX RADIUS: 1.226

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

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

R & E NUMBER	85597		
SERIAL NUMBER	E6413590		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-04	AC
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET + TEST	10-11-04	AC
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

Repair Inquiry

Repair Number: **RE00061098**Serial: C6611803 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/5/2003 7:28:28 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **CO C SUPPORT BATTALION**Name: **CO C SUPPORT BATTALION**Address 1: **1 ST SWTG (A)**Address 1: **1 ST SWTG (A)**Address 2: **ATTN ARMAMENT FAC**

PO Box:

Address 2: **ATTN ARMAMENT FAC**

PO Box:

City: **FORT BRAGG**City: **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

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/6/2003

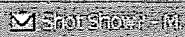
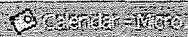
8:06 AM

CAPS

NUM

INS

SCAL



8:05 AM

Serial
Number:**C6611803**Model: **700****RE00061098***E6413590**Scope 87-1186*

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413590.___0
FILE DATE AND TIME: 03/07/2003 15:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.094
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.614
The Distance from POA to Centroid Target #1:	0.138
The Distance from Centroid Target #2 to Centroid Target #1:	0.080
The Distance from Centroid Target #3 to Centroid Target #1:	0.005
The Distance from Centroid Target #4 to Centroid Target #1:	0.354
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 1

FILE DATE: 03/07/2003

FILE TIME: 15:00

POINT#	X	Y
1:	0.503	-1.148
2:	-0.888	0.127
3:	-0.567	-0.156
4:	-0.347	-0.454
5:	-0.004	-0.374
6:	-0.185	-0.154
7:	0.297	0.131
8:	0.070	0.260
9:	0.113	-0.001
10:	0.346	0.558

X CENTROID: -0.066

Y CENTROID: -0.121

POA TO CENTROID: 0.138

HORZ SPREAD: 1.391

VERT SPREAD: 1.706

GROUP SPREAD: 1.887

MIN RADIUS: 0.123

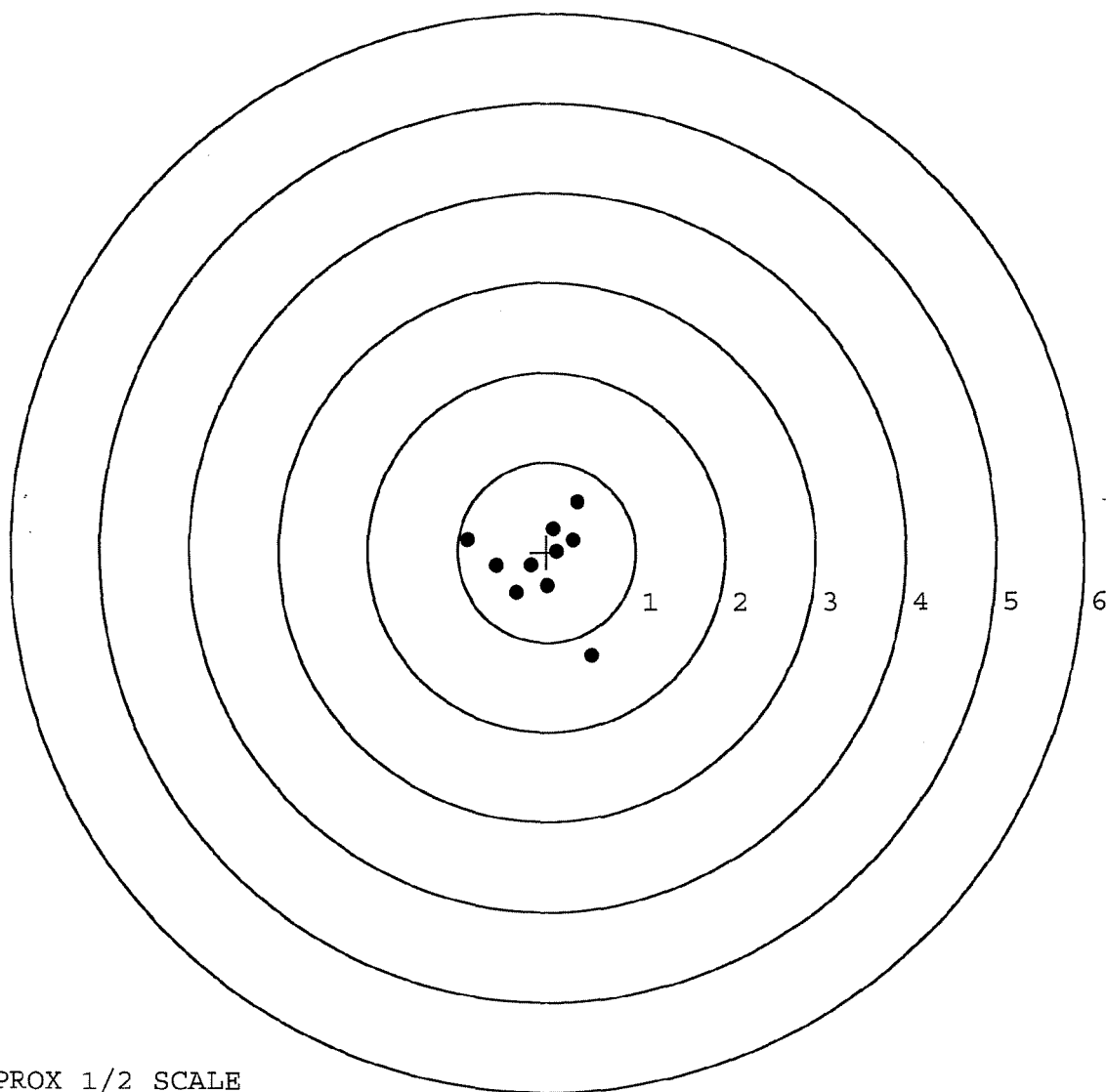
MAX RADIUS: 1.174

MEAN RADIUS: 0.521

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 2

FILE DATE: 03/07/2003

FILE TIME: 15:00

POINT#	X	Y
1:	0.112	-0.706
2:	0.198	-0.514
3:	-0.959	-0.466
4:	-0.333	-0.411
5:	-0.202	-0.218
6:	-0.206	-0.070
7:	0.232	0.262
8:	0.101	0.500
9:	0.009	0.587
10:	-0.208	0.356

X CENTROID: -0.126

Y CENTROID: -0.068

POA TO CENTROID: 0.143

HORZ SPREAD: 1.191

VERT SPREAD: 1.293

GROUP SPREAD: 1.434

MIN RADIUS: 0.080

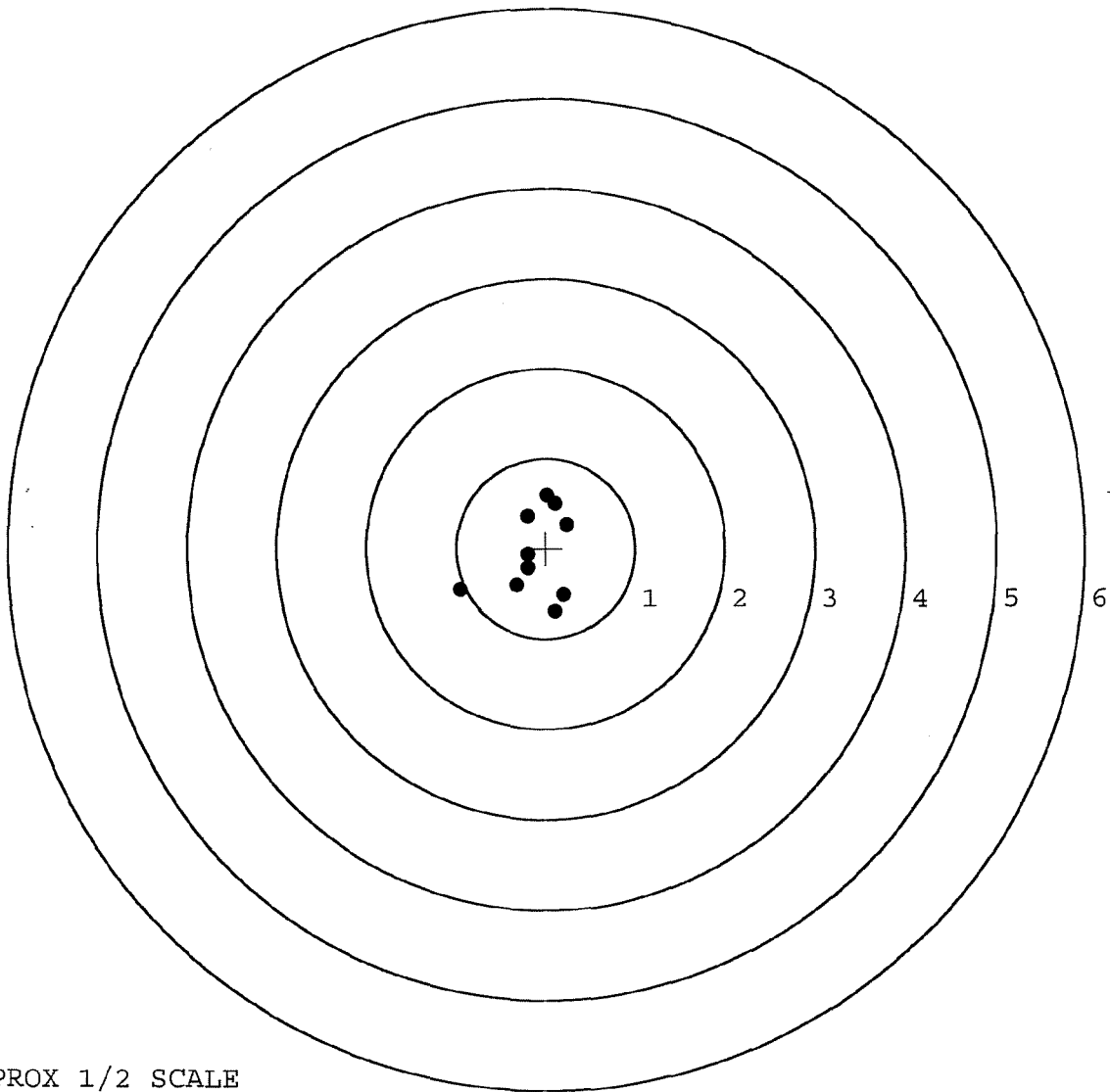
MAX RADIUS: 0.924

MEAN RADIUS: 0.500

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

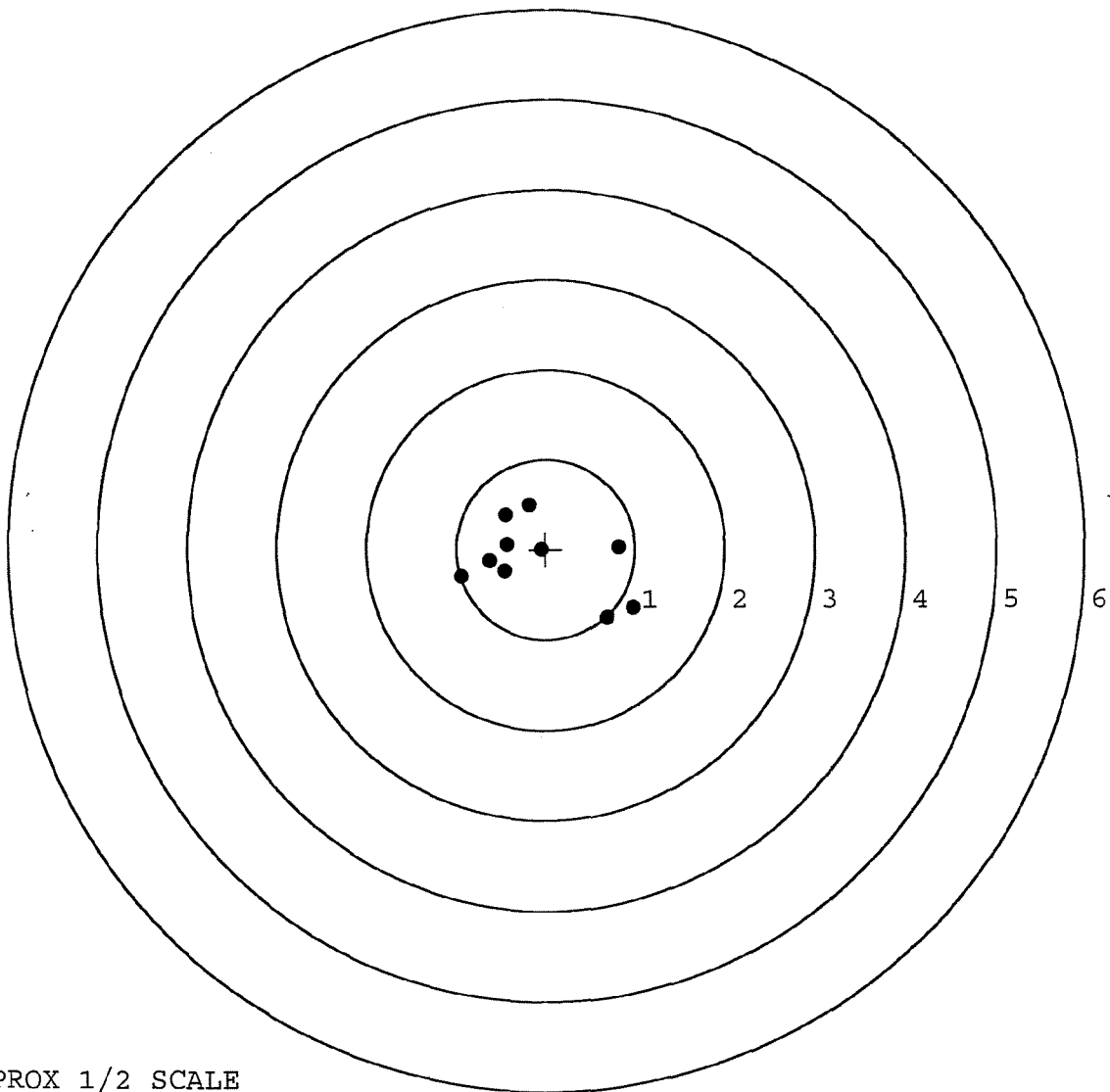


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. __0
TARGET NUMBER: 3
FILE DATE: 03/07/2003
FILE TIME: 15:00

X CENTROID: -0.069
Y CENTROID: -0.117
POA TO CENTROID: 0.136
HORZ SPREAD: 1.915
VERT SPREAD: 1.253
GROUP SPREAD: 1.946
MIN RADIUS: 0.108
MAX RADIUS: 1.173
MEAN RADIUS: 0.670
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

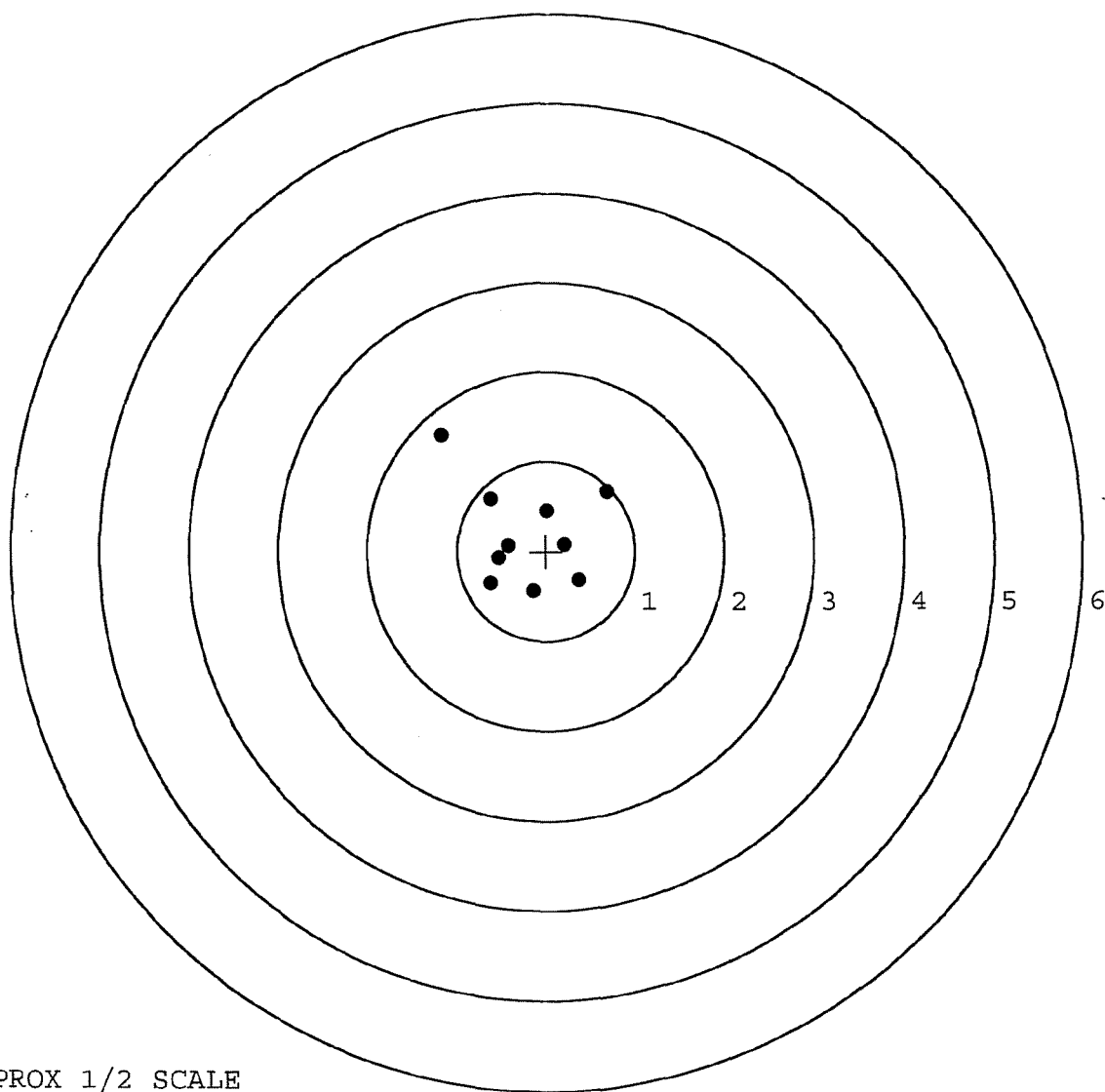
POINT#	X	Y
1:	0.974	-0.653
2:	0.690	-0.760
3:	0.818	0.033
4:	-0.193	0.493
5:	-0.049	-0.011
6:	-0.456	0.376
7:	-0.941	-0.308
8:	-0.466	-0.248
9:	-0.632	-0.139
10:	-0.440	0.049



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. __ 0
TARGET NUMBER: 4
FILE DATE: 03/07/2003
FILE TIME: 15:00

	POINT#	X	Y
	1:	0.372	-0.324
	2:	-0.151	-0.453
	3:	-0.627	-0.355
	4:	-0.535	-0.078
X CENTROID:	5:	-0.432	0.061
Y CENTROID:	6:	0.208	0.074
POA TO CENTROID:	7:	0.001	0.452
HORZ SPREAD:	8:	0.681	0.671
VERT SPREAD:	9:	-0.629	0.585
GROUP SPREAD:	10:	-1.184	1.291
MIN RADIUS:		0.241	
MAX RADIUS:		1.455	
MEAN RADIUS:		0.661	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413590. 0

TARGET NUMBER: 5

FILE DATE: 03/07/2003

FILE TIME: 15:00

X CENTROID: 0.019

Y CENTROID: -0.001

POA TO CENTROID: 0.019

HORZ SPREAD: 1.889

VERT SPREAD: 2.021

GROUP SPREAD: 2.226

MIN RADIUS: 0.318

MAX RADIUS: 1.226

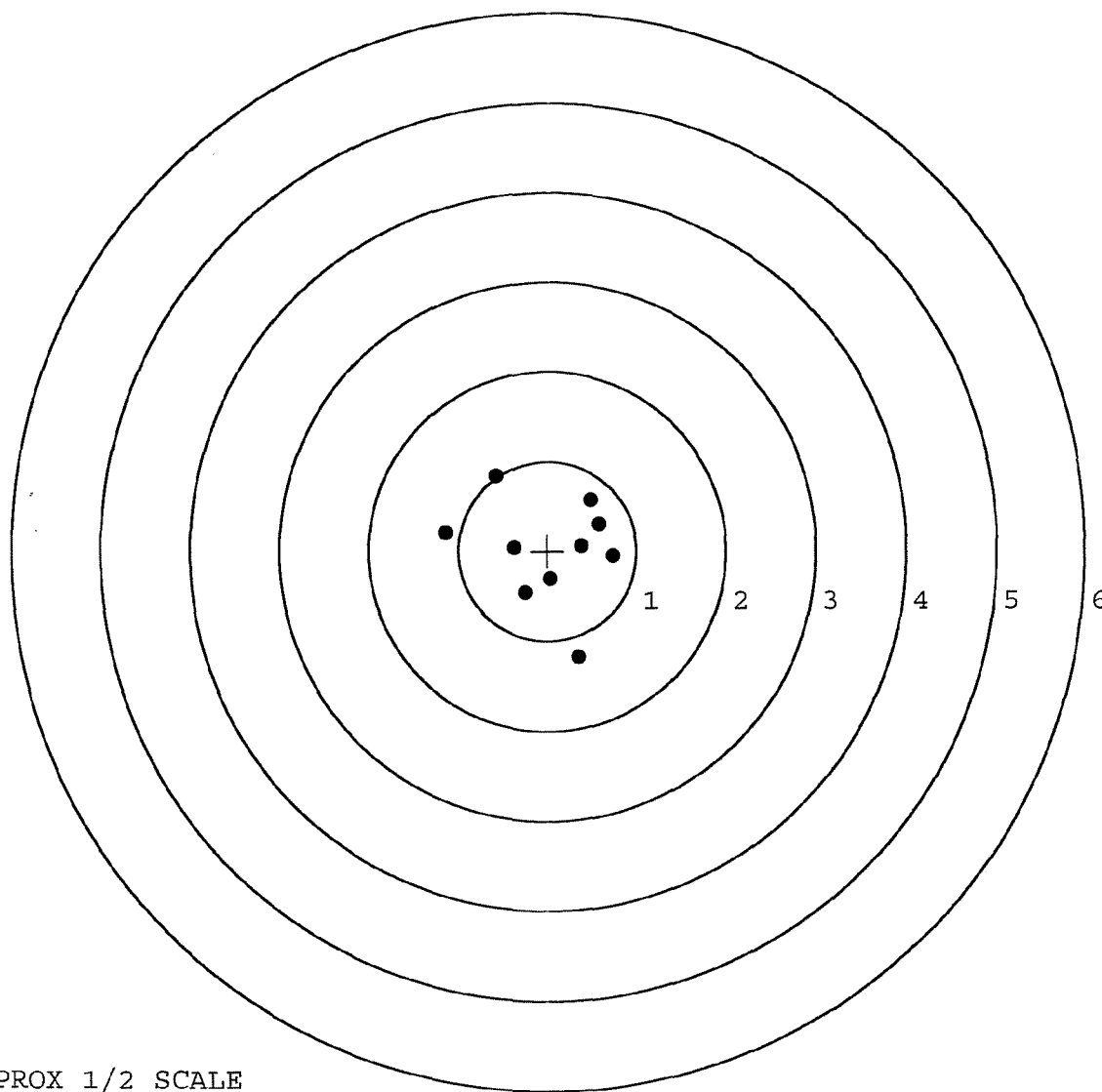
MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.348	-1.183
2:	-0.255	-0.471
3:	0.030	-0.319
4:	-0.376	0.037
5:	-1.151	0.204
6:	-0.584	0.838
7:	0.738	-0.056
8:	0.383	0.057
9:	0.576	0.306
10:	0.483	0.573



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

04D)C6611803

SERIAL # BL413590 (New)

INSPECTED BY: RFL

DATE REC'D: 2-5-03

DATE RET'D: 3/10/03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	61098		
SERIAL NUMBER	C6611803 - E6413590		
LOG-IN DATE	2/5/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-7-03	RW
560 A	RE-BARREL		
B	DRILL AND TAP	2-20-03	TRL
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-14-03	RTL
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	AB
615	ROLLMARK CALIBER	2-26-03	TA
618	ROTO-BLAST	3-3	RTL
620	APPLY COATINGS	3-5-03	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-6-03	AC
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-10-03	RTA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590058.__0
FILE DATE AND TIME: 07/14/2006 08:33

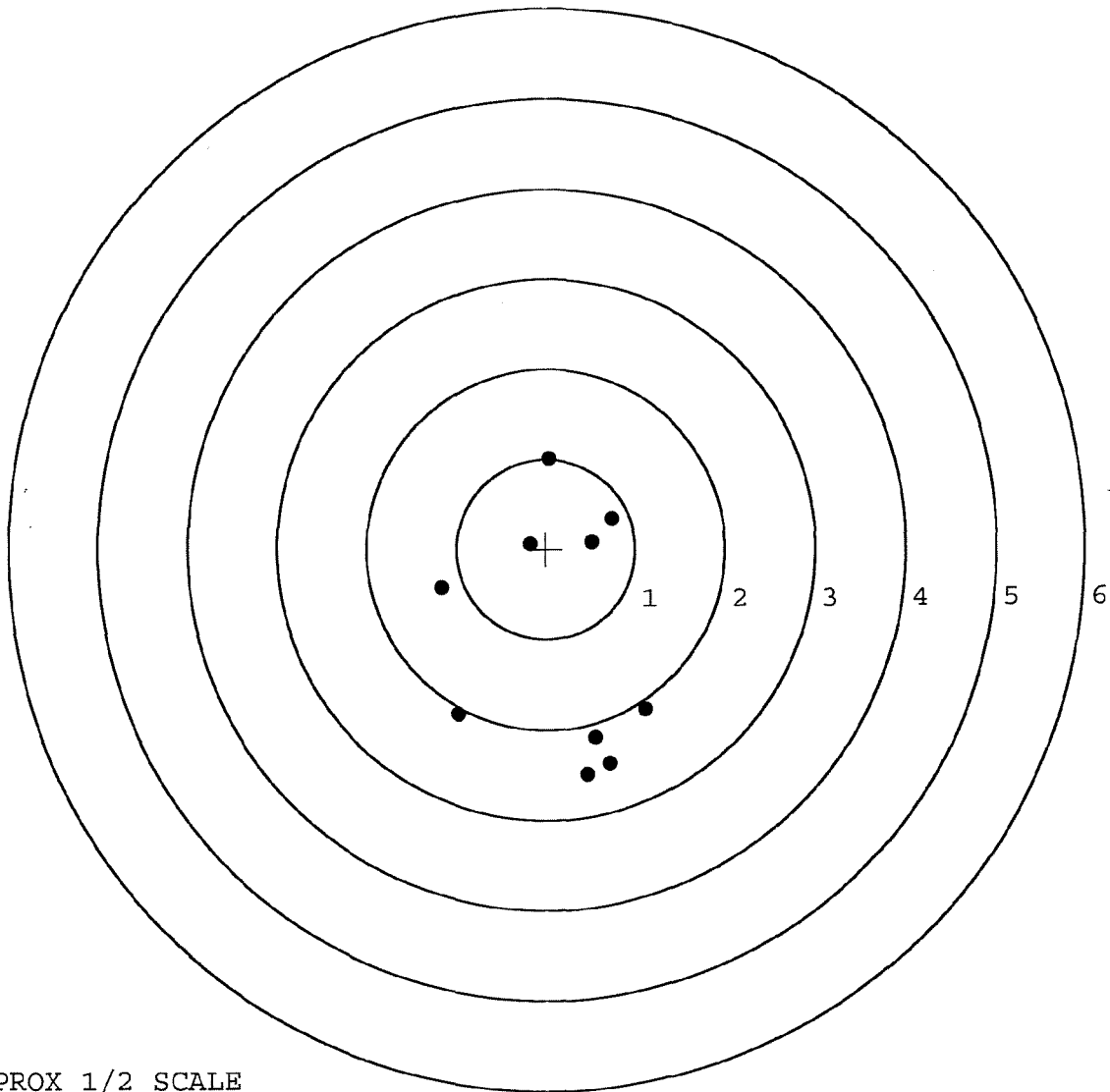
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	-0.155
The Average Point of Impact of the Five Target Set:	0.158
The Average Mean Radius of the Five Target Set:	0.866
The Distance from POA to Centroid Target #1:	0.971
The Distance from Centroid Target #2 to Centroid Target #1:	1.027
The Distance from Centroid Target #3 to Centroid Target #1:	0.981
The Distance from Centroid Target #4 to Centroid Target #1:	0.951
The Distance from Centroid Target #5 to Centroid Target #1:	1.127

SERIAL NUMBER: G6590058. 0
TARGET NUMBER: 1
FILE DATE: 07/14/2006
FILE TIME: 08:33

X CENTROID: 0.180
Y CENTROID: -0.954
POA TO CENTROID: 0.971
HORZ SPREAD: 2.282
VERT SPREAD: 3.496
GROUP SPREAD: 3.522
MIN RADIUS: 1.071
MAX RADIUS: 1.961
MEAN RADIUS: 1.397
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 0
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.740	0.337
2:	0.520	0.082
3:	-0.179	0.055
4:	0.034	1.001
5:	-1.173	-0.437
6:	-0.984	-1.833
7:	1.109	-1.784
8:	0.551	-2.089
9:	0.719	-2.378
10:	0.462	-2.495



TARGET APPROX 1/2 SCALE

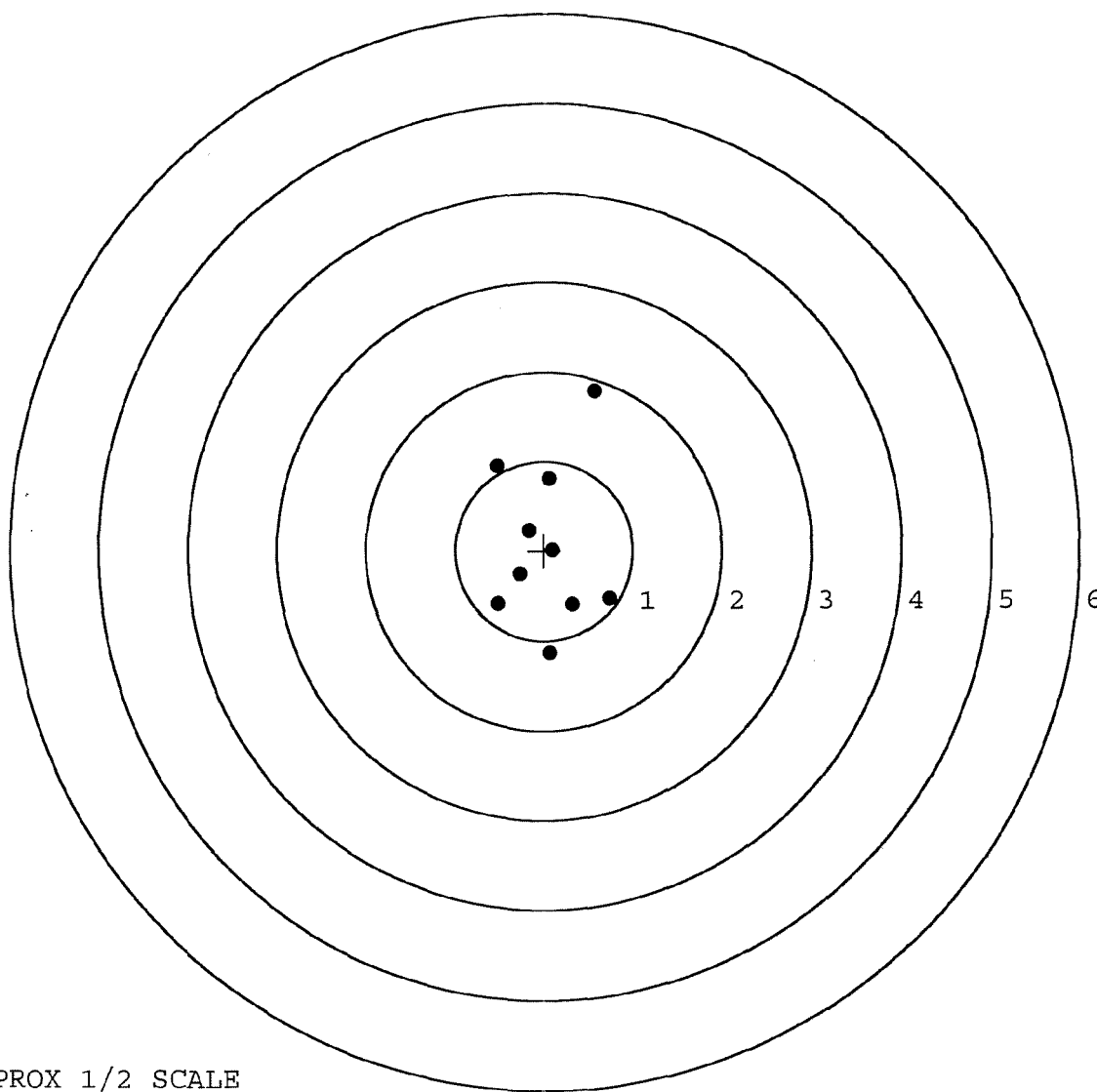
SERIAL NUMBER: G6590058. __0

TARGET NUMBER: 2

FILE DATE: 07/14/2006

FILE TIME: 08:33

		POINT#	X	Y
		1:	0.734	-0.528
		2:	0.318	-0.601
		3:	0.072	-1.134
		4:	-0.526	-0.596
X CENTROID:	0.034	5:	-0.276	-0.266
Y CENTROID:	0.063	6:	0.094	-0.006
POA TO CENTROID:	0.071	7:	-0.179	0.222
HORZ SPREAD:	1.262	8:	0.058	0.803
VERT SPREAD:	2.927	9:	-0.528	0.941
GROUP SPREAD:	2.969	10:	0.571	1.793
MIN RADIUS:	0.091			
MAX RADIUS:	1.812			
MEAN RADIUS:	0.810			
# IN 1 IN DIAMETER:	3			
# IN 2 IN DIAMETER:	7			
# in 3 IN DIAMETER:	9			



SERIAL NUMBER: G6590058. 0

TARGET NUMBER: 3

FILE DATE: 07/14/2006

FILE TIME: 08:33

X CENTROID: 0.121

Y CENTROID: 0.025

POA TO CENTROID: 0.124

HORZ SPREAD: 1.752

VERT SPREAD: 3.207

GROUP SPREAD: 3.225

MIN RADIUS: 0.165

MAX RADIUS: 2.083

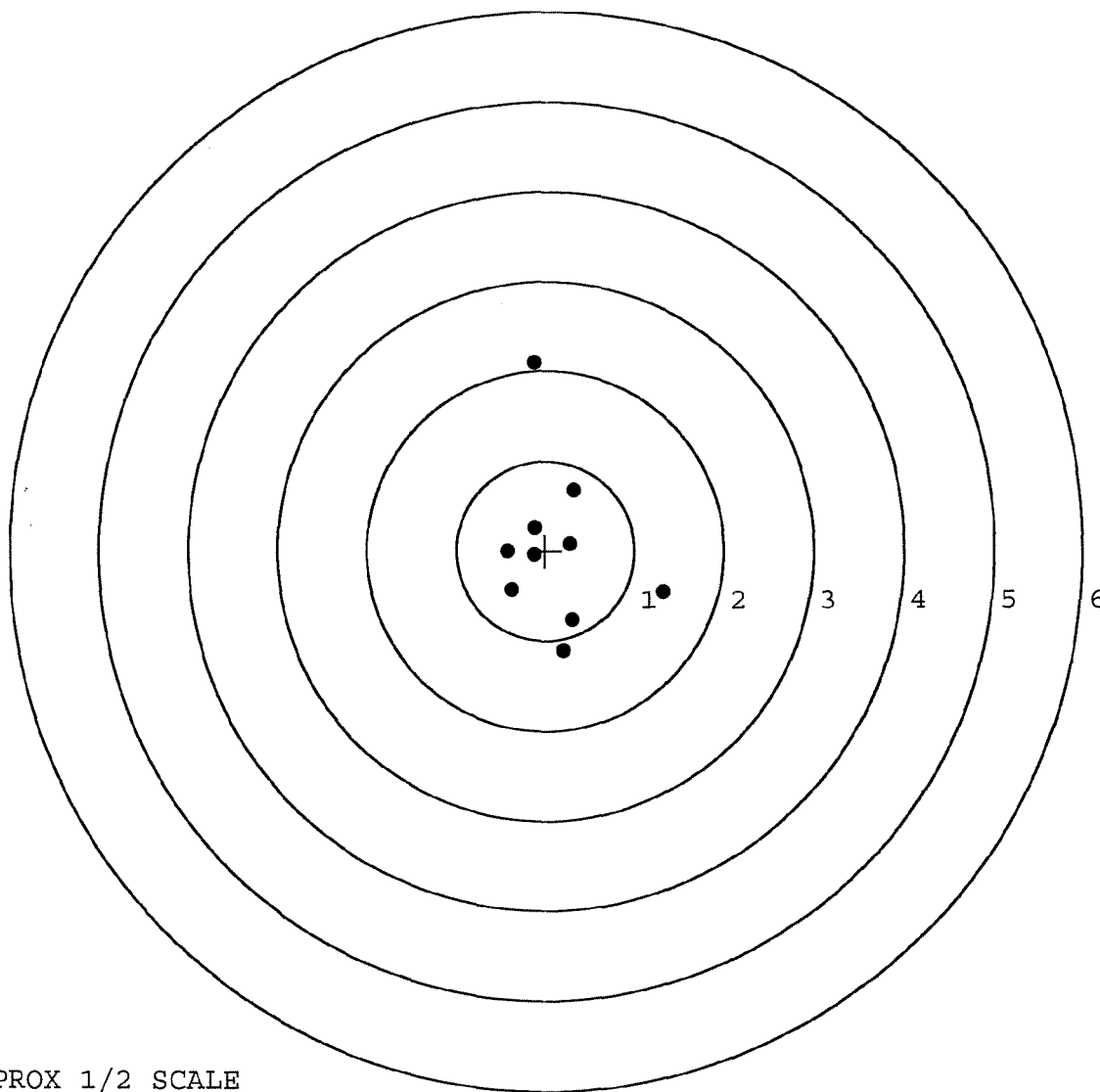
MEAN RADIUS: 0.803

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.321	-0.467
2:	0.305	-0.777
3:	0.202	-1.116
4:	0.314	0.679
5:	-0.138	2.091
6:	0.279	0.074
7:	-0.129	0.256
8:	-0.431	-0.008
9:	-0.380	-0.442
10:	-0.130	-0.043



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590058. __0

TARGET NUMBER: 4

FILE DATE: 07/14/2006

FILE TIME: 08:33

X CENTROID: -0.016

Y CENTROID: -0.023

POA TO CENTROID: 0.028

HORZ SPREAD: 1.082

VERT SPREAD: 3.016

GROUP SPREAD: 3.016

MIN RADIUS: 0.094

MAX RADIUS: 1.755

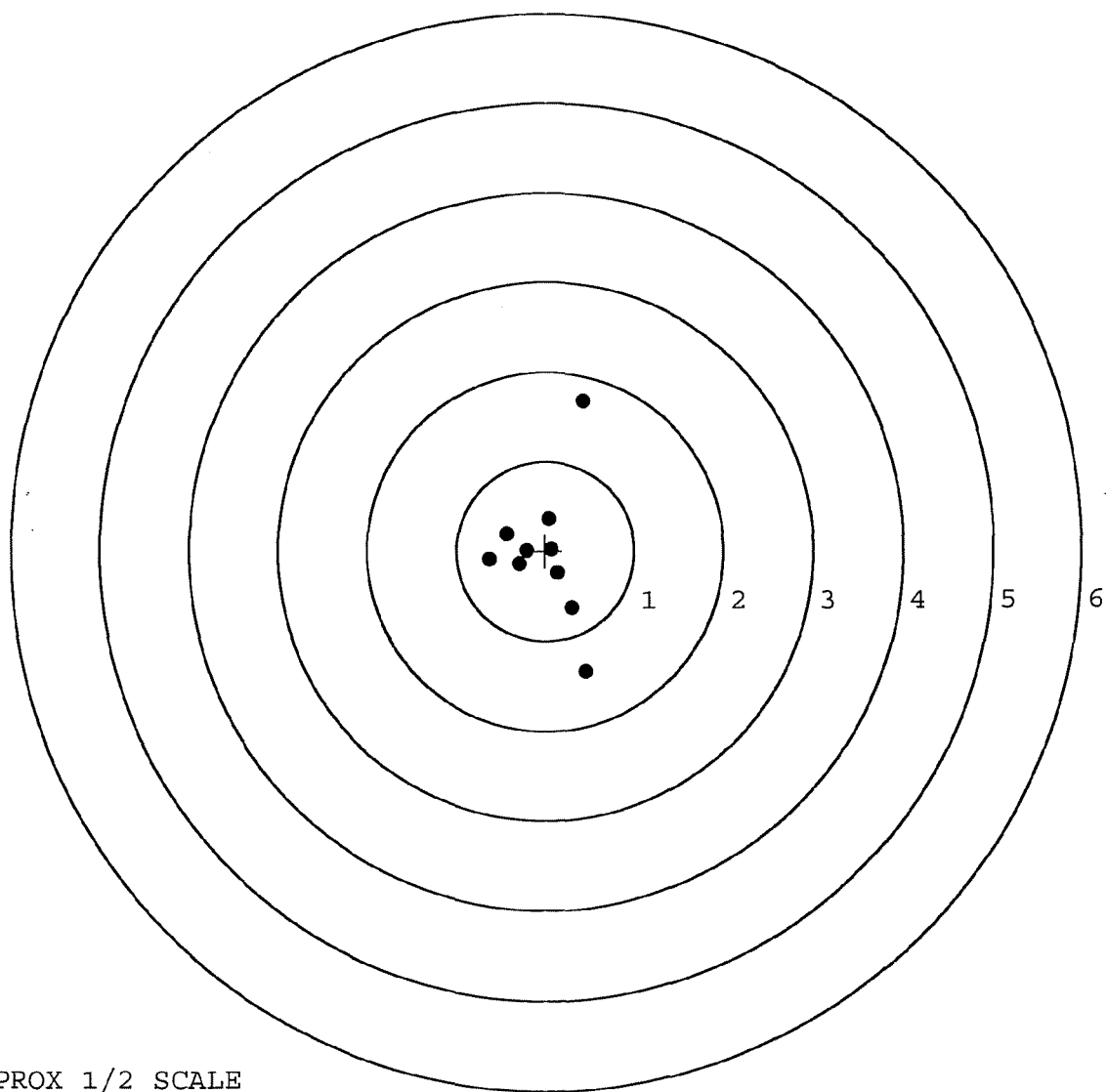
MEAN RADIUS: 0.618

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.454	-1.340
2:	0.297	-0.635
3:	0.421	1.676
4:	-0.628	-0.099
5:	-0.437	0.187
6:	-0.295	-0.149
7:	0.034	0.354
8:	0.137	-0.248
9:	0.070	0.016
10:	-0.211	0.005



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590058. __0

TARGET NUMBER: 5

FILE DATE: 07/14/2006

FILE TIME: 08:33

X CENTROID: -0.171

Y CENTROID: 0.116

POA TO CENTROID: 0.207

HORZ SPREAD: 1.865

VERT SPREAD: 1.138

GROUP SPREAD: 1.972

MIN RADIUS: 0.332

MAX RADIUS: 1.112

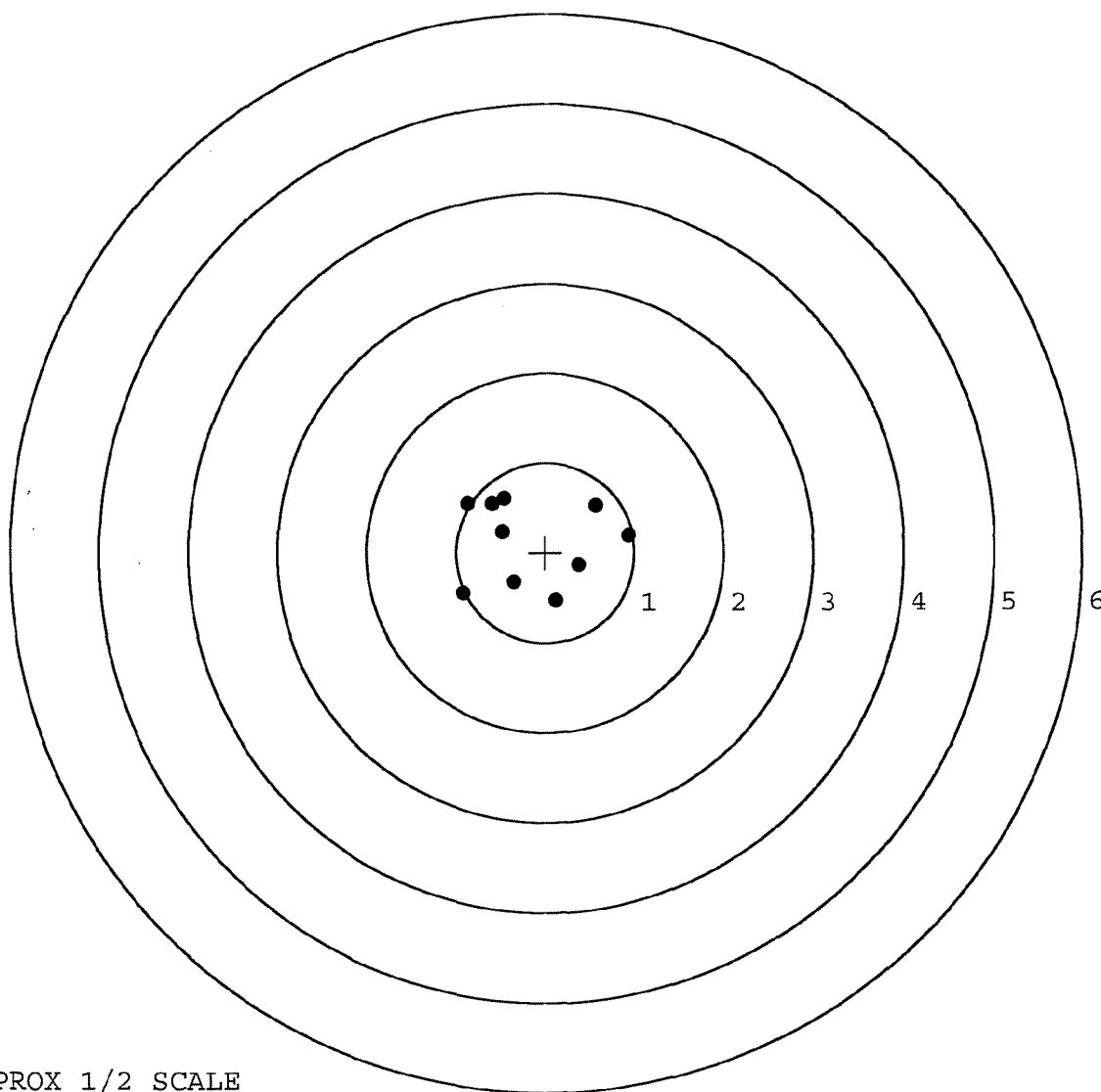
MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.939	0.187
2:	0.564	0.521
3:	0.379	-0.138
4:	0.115	-0.537
5:	-0.354	-0.330
6:	-0.926	-0.453
7:	-0.483	0.229
8:	-0.469	0.601
9:	-0.876	0.540
10:	-0.601	0.544



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113031		Fort Bragg	
SERIAL NUMBER	E 6413590		G 6590058	
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-20-06	A
505	RE-BARREL		6-20-06	A
560	ASSEMBLE		6-22-06	A
600	PROOF	MAGNA-FLUX	6-22-06	A
605	CHECK HEADSPACE	INSPECTED	6-22-06	A
610	DIS-ASSEMBLE GUN	JUN 17 2006	6-22-06	Ac
612	MAGNAFLUX	OPERATOR <u>CPD</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	UB
620	APPLY COATINGS		7-6	HP
625	FINAL ASSEMBLY		7-12-06	Ac
640	FUNCTION TEST AND	PASS FAIL	7-14-06	TRW
650	TARGET	PASS FAIL	7-14-06	TRW
	MALFUNCTION <i>Bolt handle hits</i>	CORRECTION <i>Spec after firing</i>		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-14-06	BD
	A) HEADSPACE	PASS FAIL	7-17-06	Ac
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.64 2.53 2.53 2.43 2.48	7-17-06 OA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50	7-17-06 OA
	G) SAFETY OFF FORCE	2 LBS MIN	30 30 30	7-17-06 OA
	I) FIRING PIN INDENT	.020	.023 .023 .023	7-17-06 OA
690	PACK		8-3-06	OA