

EC413541

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413541.___0
FILE DATE AND TIME: 06/24/2004 06:50

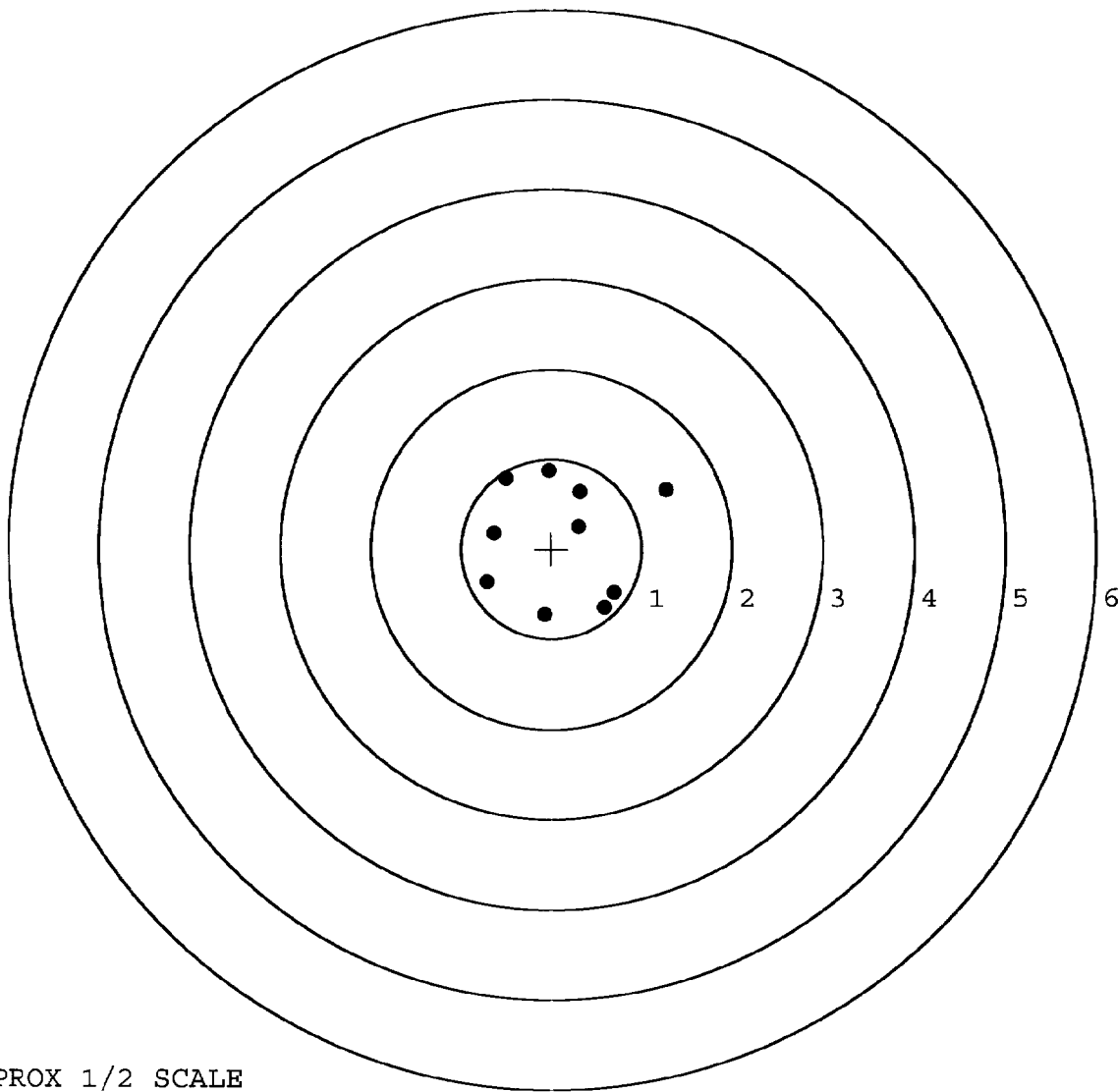
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	0.209
The Average Point of Impact of the Five Target Set:	0.209
The Average Mean Radius of the Five Target Set:	
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.216
The Distance from Centroid Target #3 to Centroid Target #1:	0.393
The Distance from Centroid Target #4 to Centroid Target #1:	0.250
The Distance from Centroid Target #5 to Centroid Target #1:	0.325

SERIAL NUMBER: E6413541. __0
TARGET NUMBER: 1
FILE DATE: 06/24/2004
FILE TIME: 06:50

POINT#	X	Y
1:	1.273	0.659
2:	0.319	0.639
3:	0.303	0.250
4:	-0.031	0.870
5:	-0.504	0.781
6:	-0.635	0.178
7:	-0.719	-0.367
8:	-0.074	-0.738
9:	0.694	-0.488
10:	0.588	-0.657

X CENTROID: 0.121
Y CENTROID: 0.113
POA TO CENTROID: 0.166
HORZ SPREAD: 1.992
VERT SPREAD: 1.608
GROUP SPREAD: 2.241
MIN RADIUS: 0.228
MAX RADIUS: 1.275
MEAN RADIUS: 0.808
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413541. __0

TARGET NUMBER: 2

FILE DATE: 06/24/2004

FILE TIME: 06:50

POINT#	X	Y
1:	0.461	1.138
2:	0.264	1.283
3:	-0.250	1.185
4:	-0.607	1.053
5:	-0.337	0.534
6:	0.330	0.388
7:	0.719	0.242
8:	0.610	-0.885
9:	0.185	-0.853
10:	-0.284	-0.806

X CENTROID: 0.109

Y CENTROID: 0.328

POA TO CENTROID: 0.346

HORZ SPREAD: 1.326

VERT SPREAD: 2.168

GROUP SPREAD: 2.288

MIN RADIUS: 0.229

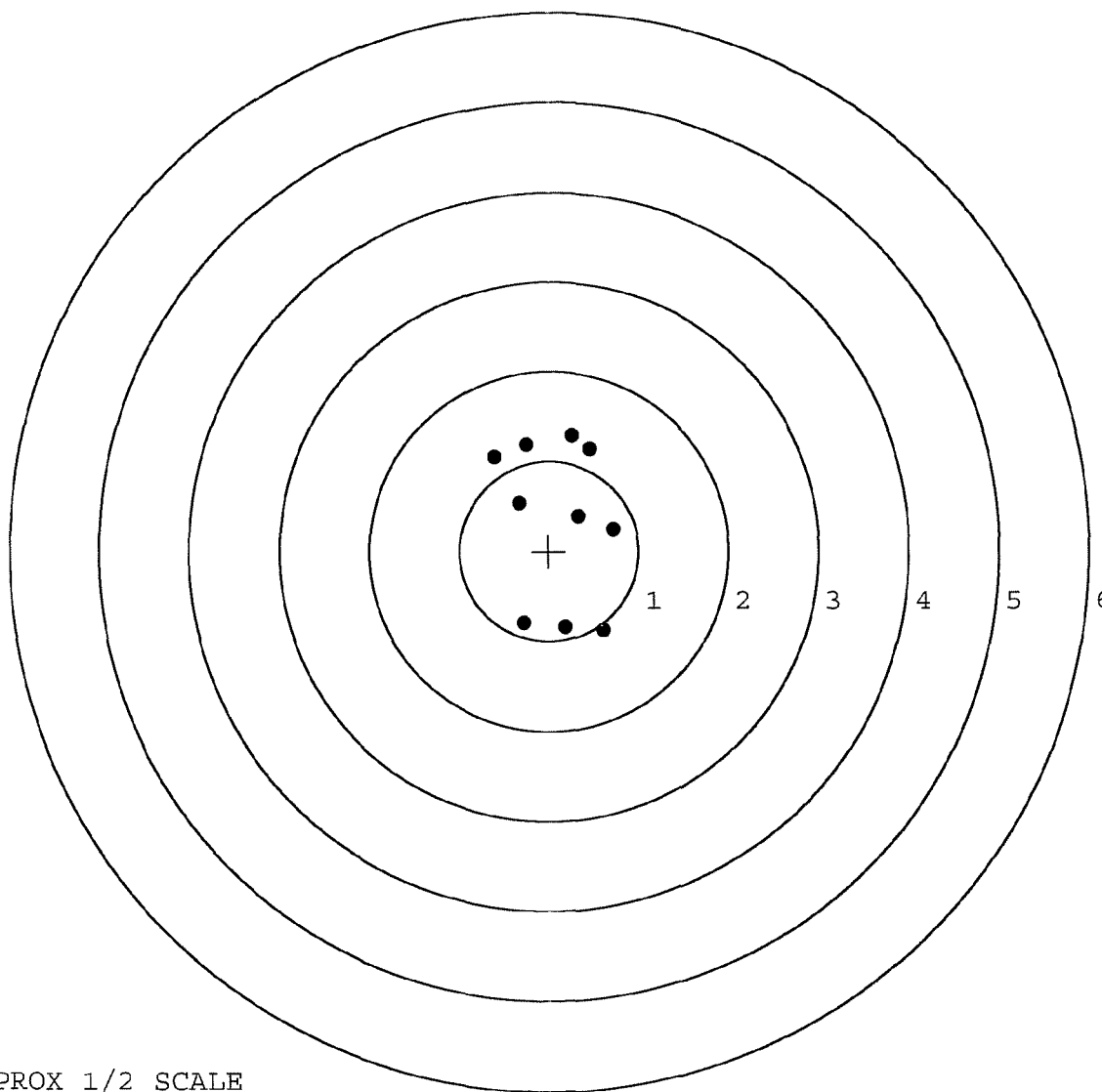
MAX RADIUS: 1.312

MEAN RADIUS: 0.883

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

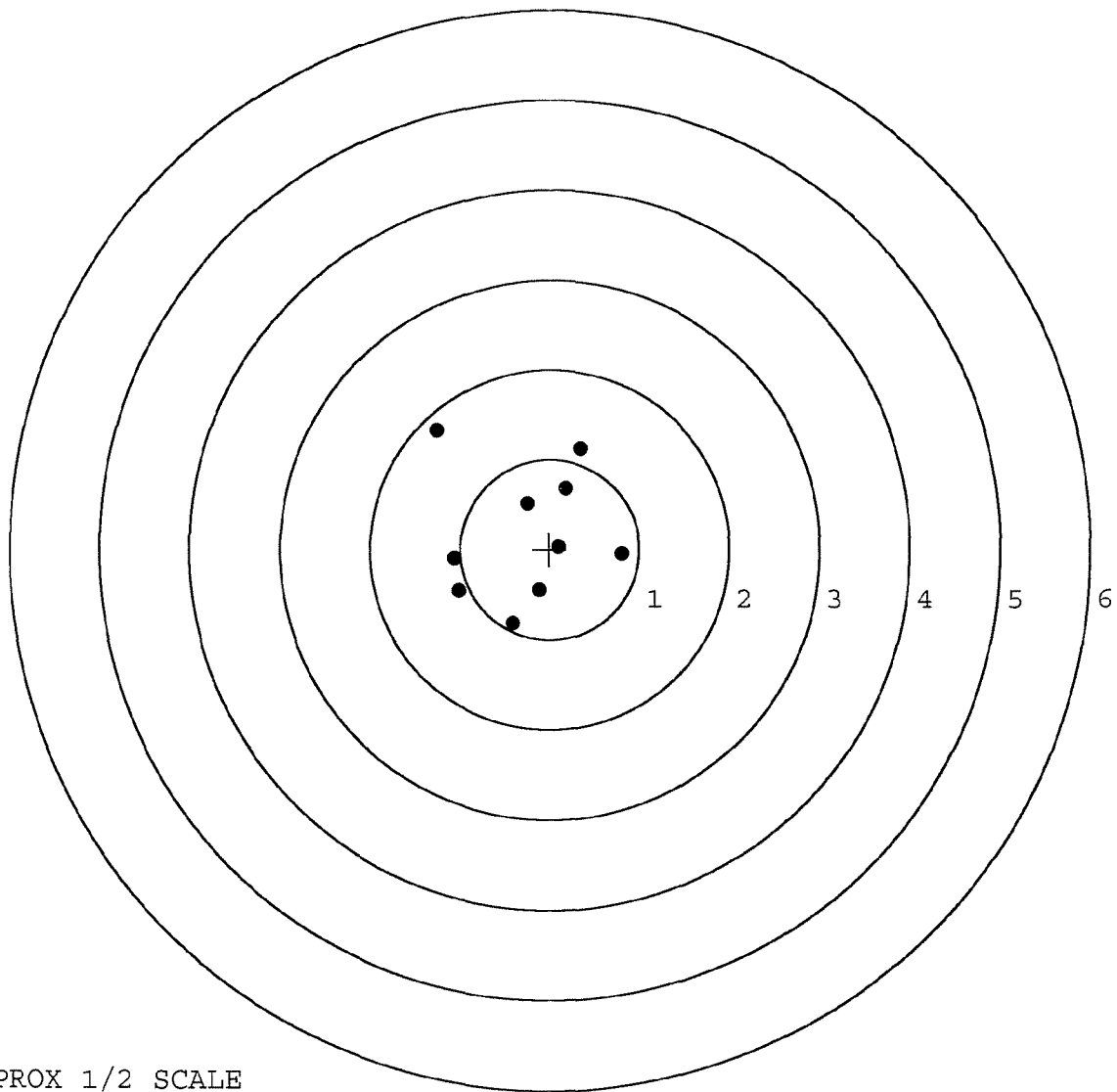


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413541. __0
TARGET NUMBER: 3
FILE DATE: 06/24/2004
FILE TIME: 06:50

X CENTROID: -0.267
Y CENTROID: 0.176
POA TO CENTROID: 0.319
HORZ SPREAD: 2.068
VERT SPREAD: 2.150
GROUP SPREAD: 2.486
MIN RADIUS: 0.337
MAX RADIUS: 1.516
MEAN RADIUS: 0.865
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.256	1.324
2:	0.350	1.123
3:	0.183	0.676
4:	-0.248	0.512
5:	0.105	0.032
6:	0.812	-0.055
7:	-0.115	-0.457
8:	-0.415	-0.826
9:	-1.065	-0.106
10:	-1.016	-0.465



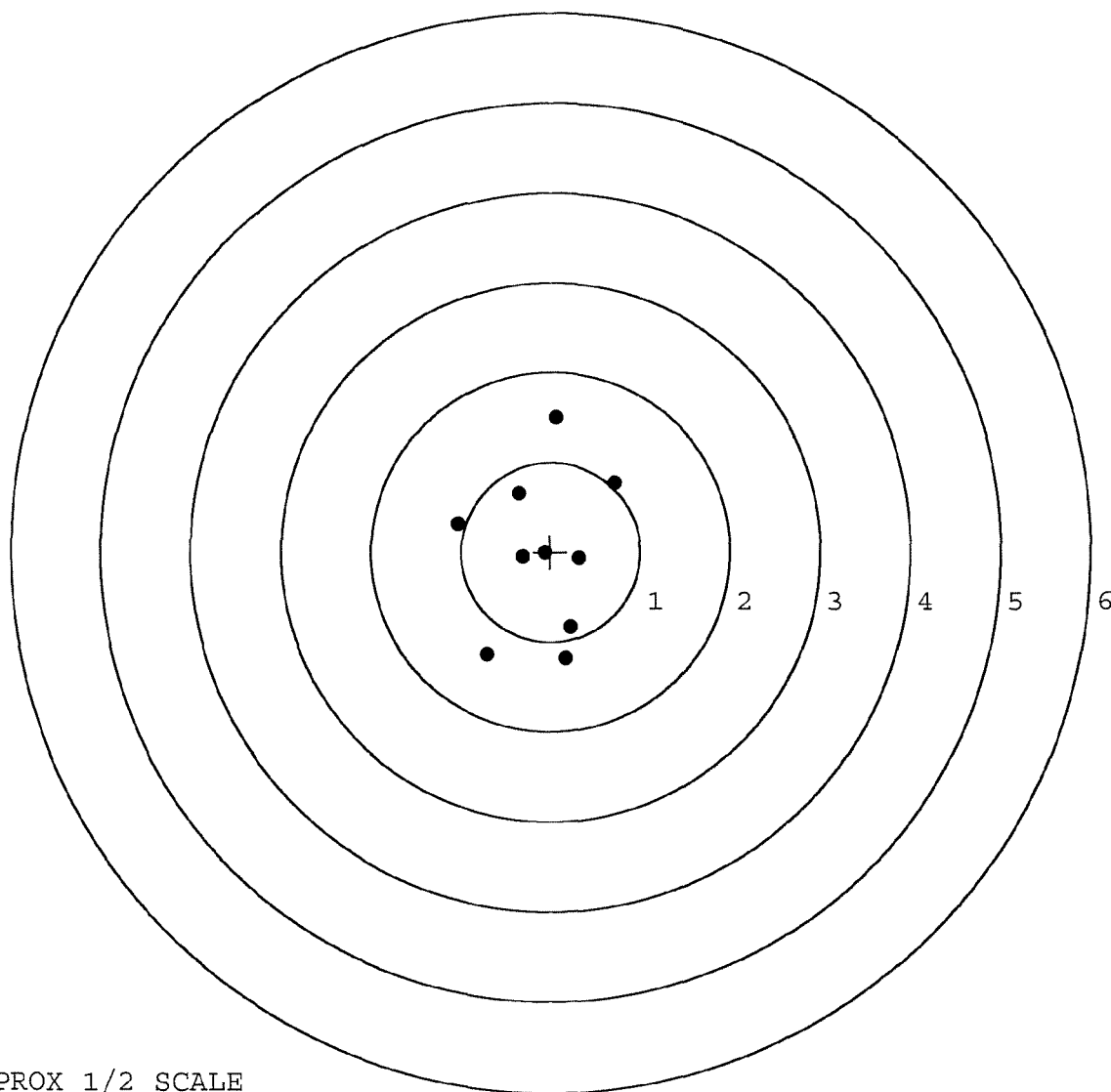
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413541. __0
TARGET NUMBER: 4
FILE DATE: 06/24/2004
FILE TIME: 06:50

X CENTROID: -0.097
Y CENTROID: -0.009
POA TO CENTROID: 0.098
HORZ SPREAD: 1.753
VERT SPREAD: 2.685
GROUP SPREAD: 2.746
MIN RADIUS: 0.035
MAX RADIUS: 1.510
MEAN RADIUS: 0.842

POINT#	X	Y
1:	0.715	0.768
2:	0.066	1.492
3:	-0.355	0.656
4:	-1.038	0.314
5:	0.325	-0.073
6:	-0.062	-0.010
7:	-0.309	-0.058
8:	0.221	-0.843
9:	0.178	-1.193
10:	-0.713	-1.141

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

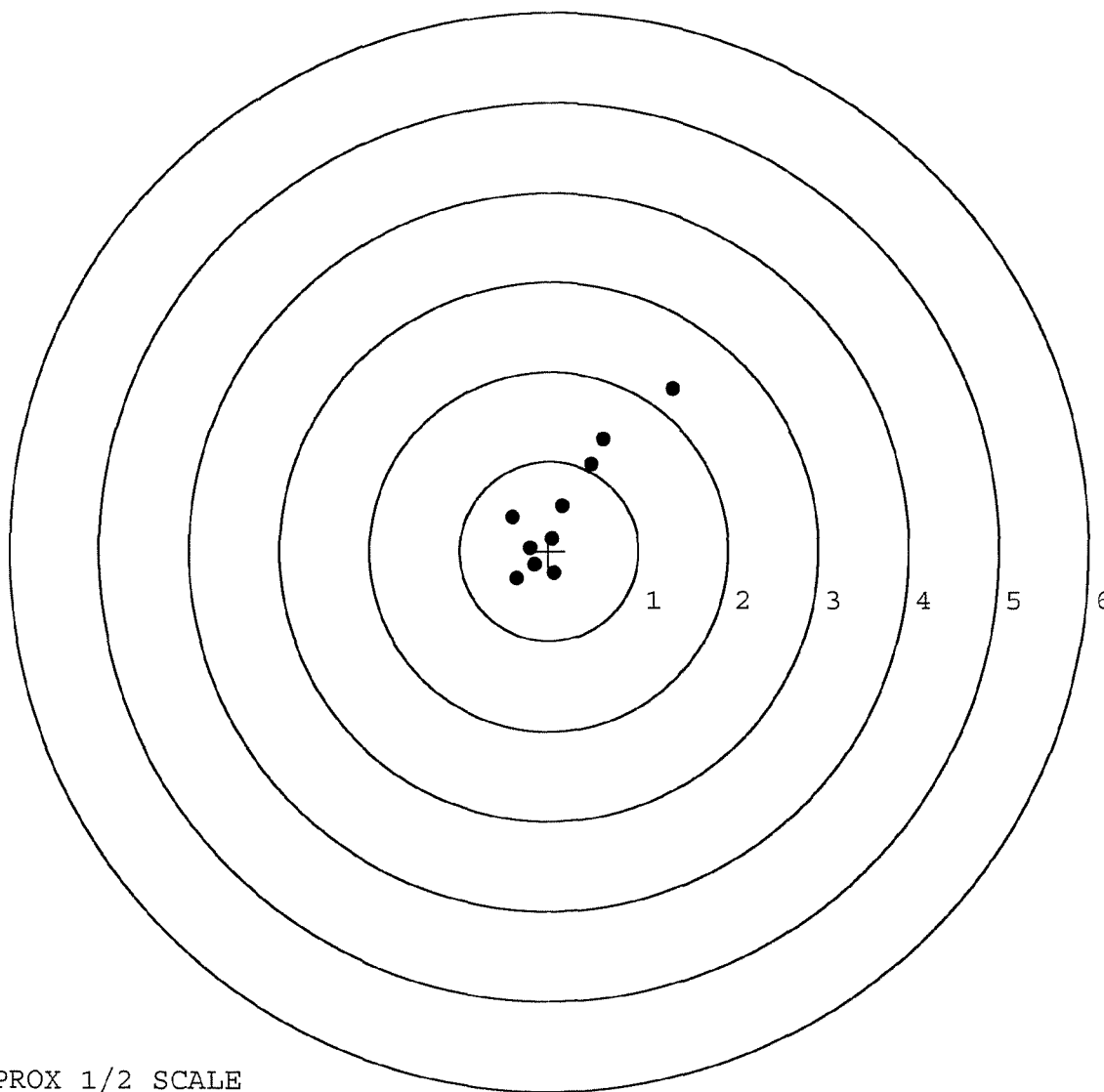


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413541. __0
TARGET NUMBER: 5
FILE DATE: 06/24/2004
FILE TIME: 06:50

POINT#	X	Y
1:	1.376	1.800
2:	0.612	1.251
3:	0.479	0.973
4:	-0.410	0.381
5:	0.151	0.503
6:	0.041	0.137
7:	0.062	-0.253
8:	-0.213	0.034
9:	-0.361	-0.312
10:	-0.163	-0.154

X CENTROID: 0.157
Y CENTROID: 0.436
POA TO CENTROID: 0.464
HORZ SPREAD: 1.786
VERT SPREAD: 2.112
GROUP SPREAD: 2.735
MIN RADIUS: 0.067
MAX RADIUS: 1.829
MEAN RADIUS: 0.717
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	81553		
SERIAL NUMBER	E10413541		
LOG-IN DATE	6-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-8-04	RTL
560 A	RE-BARREL	6-15-04	RTL
B	DRILL AND TAP	6-15-04	RTL
575	ASSEMBLE	6-15-04	RTL
600	PROOF	6-15-04	RTL
605	CHECK HEADSPACE	6-15-04	RTL
610	DIS-ASSEMBLE GUN	6-15-04	RTL
612	MAGNAFLUX	BS	
615	ROLLMARK CALIBER	6-16-04	SB
618	ROTO-BLAST	6/17/2004	Dans.
620	APPLY COATINGS	6-22	TA
625 A	FINAL ASSEMBLY	6-23-04	aw
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-24-04	AC
655	FINAL INSPECT	6-25-04	RTL
660	PACK	6-25-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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: RE00009443

Serial: C6587686 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Status:

New 5/18/00 2:31:27 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: HSC 3RD BN, 3RD SFG (A)

HSC 3RD BN, 3RD SFG (A)

Address 1:

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

Poor

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A016	Scope Mounts	1

Repair Search

Refresh

Close

nagletj

5/18/00

3:03 PM

CAPS

NUM

INS

SCRL

Start

Inb...

Micr...

SA...

Nag...

Audit

R&...

Ar...

RE...

Prin...

3:03 PM

Serial Number:

C6587686

Model: 700



RE00009443

96001 - BBL ASSY Complete

96005 - Bolt ASSY

EC4/3541

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413541
11 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .179
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .180995

THE AMR FOR THIS RIFLE IS: 1.204

CENTROIDAL DISTANCES

Ø TO	1	.21992
1 TO	2	.215205
1 TO	3	.448135
1 TO	4	.579714
1 TO	5	.397092

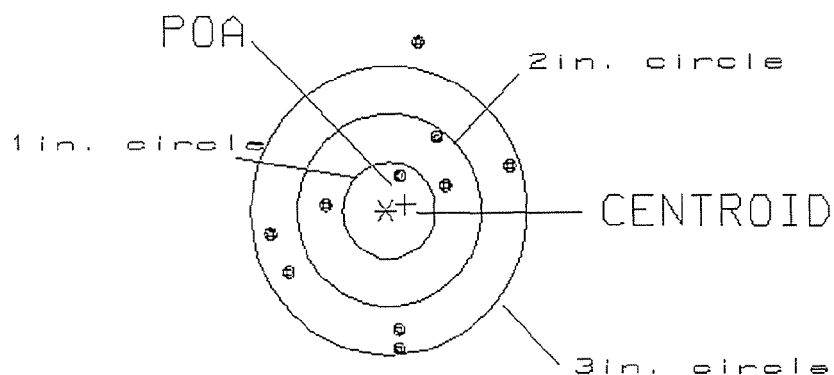
3 5 4
1 2 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .220
 MIN RADIUS : .411
 MEAN RADIUS : 1.121
 MAX RADIUS : 1.752
 CENTROID X : -.211
 CENTROID Y : -.062

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413541

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.63

1

VS= 3.16

4

GS= 3.19

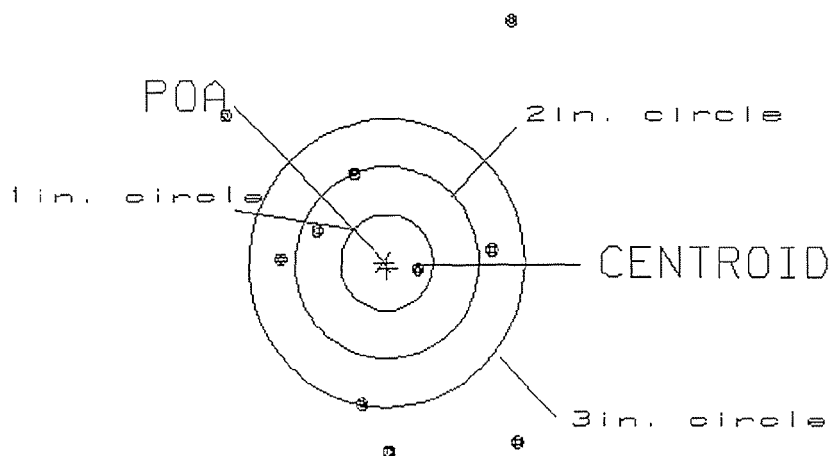
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .076
 MIN RADIUS : .384
 MEAN RADIUS : 1.560
 MAX RADIUS : 2.860
 CENTROID X : -.038
 CENTROID Y : .066

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413541

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.22

1

VS= 4.49

3

GS= 4.74

5

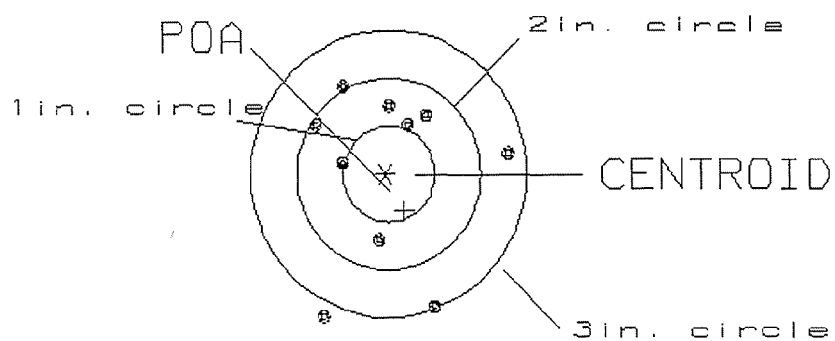
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .434
 MIN RADIUS : .460
 MEAN RADIUS : .942
 MAX RADIUS : 1.597
 CENTROID X : -.200
 CENTROID Y : .386

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413541

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.10

1

VS= 2.33

6

GS= 2.60

9

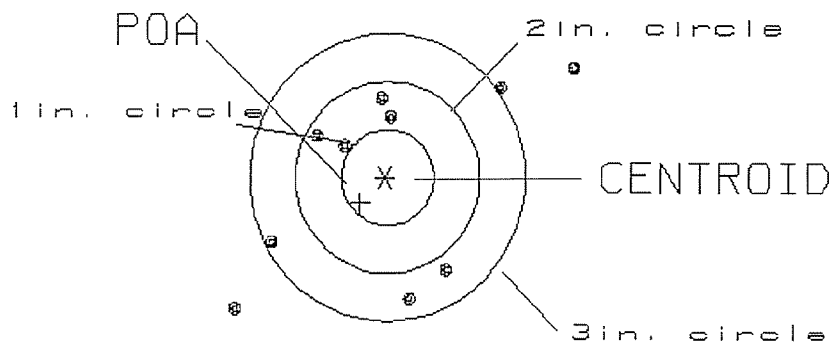
PATTERN #: 4

POA TO CENTROID: .377
 MIN RADIUS : .573
 MEAN RADIUS : 1.289
 MAX RADIUS : 2.350
 CENTROID X : .267
 CENTROID Y : .266

11 Sep 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/e6413541

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.73
 VS= 2.58
 GS= 4.54

0
 4
 7

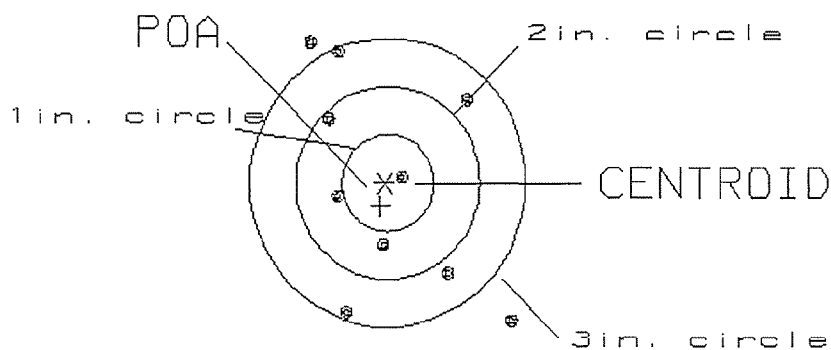
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .244
 MIN RADIUS : .144
 MEAN RADIUS : 1.109
 MAX RADIUS : 1.982
 CENTROID X : .048
 CENTROID Y : .239

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413541

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.24
 US= 2.89
 GS= 3.65

1
 4
 5

Final Inspection

S.N. E6413541

DATE REC'D: 5-12-00

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BLOCK

☒ REAR SIGHT BLOCK

☒ SCREWS

☒ FINISH

Scope Assy.

☐ Scope

☐ Scope Rings

☐ Mounting Screws

☒ Mounting Base

☒ SCREWS

☐ FINISH

☐ Looseness

☐ CLARITY

Misc.

☐ DD-350

☐ BAR CODE

☐ PACKAGING

Item:

Stock Assy.

☒ STOCK

☒ SLING SWIVEL STUDS

☒ ADJUSTABLE BUTT PLATE

☒ LOCK NUTS

☒ BARREL CLEARANCE

☒ COLOR/FINISH

Systems Case

☐ Scope Case

☐ IRON SIGHTS

☐ Deployment Kit

Trigger

☒ SAFETY OPERATION

☒ SET

Comments:

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

[illegible]