

EC374556 NW
C6225373 OLO W

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374556.__0
FILE DATE AND TIME: 10/12/2002 13:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.532
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.183
The Distance from Centroid Target #4 to Centroid Target #1:	0.028
The Distance from Centroid Target #5 to Centroid Target #1:	0.217

SERIAL NUMBER: E6374556. __0

TARGET NUMBER: 1

FILE DATE: 10/12/2002

FILE TIME: 13:36

X CENTROID: -0.045

Y CENTROID: 0.027

POA TO CENTROID: 0.053

HORZ SPREAD: 2.412

VERT SPREAD: 1.059

GROUP SPREAD: 2.481

MIN RADIUS: 0.026

MAX RADIUS: 1.378

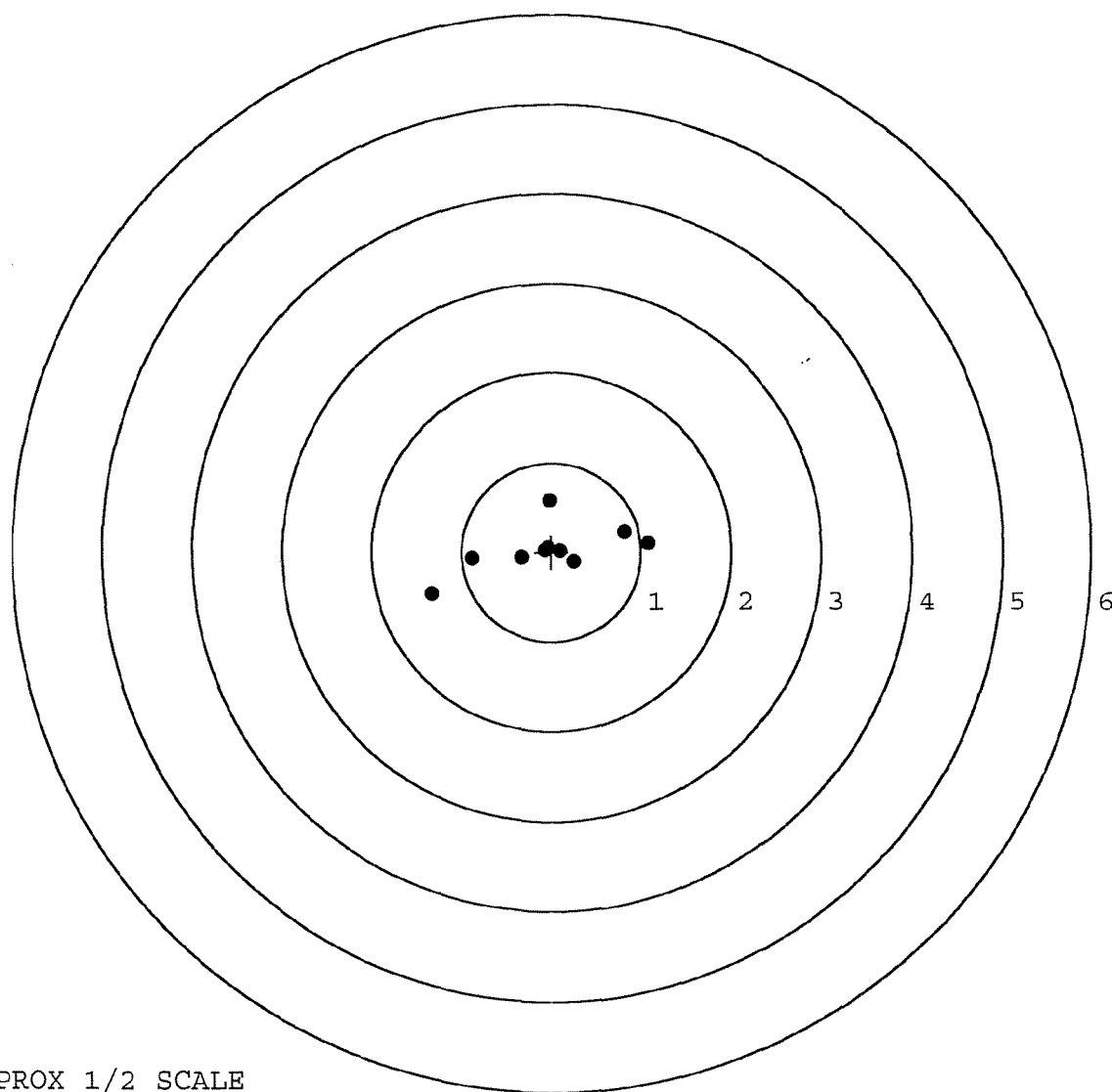
MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.327	-0.479
2:	-0.886	-0.074
3:	-0.031	0.580
4:	1.085	0.100
5:	0.818	0.230
6:	0.249	-0.109
7:	0.095	0.015
8:	-0.075	0.020
9:	-0.339	-0.063
10:	-0.042	0.053



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374556. __0

TARGET NUMBER: 2

FILE DATE: 10/12/2002

FILE TIME: 13:36

X CENTROID: 0.145

Y CENTROID: 0.090

POA TO CENTROID: 0.171

HORZ SPREAD: 1.497

VERT SPREAD: 1.022

GROUP SPREAD: 1.539

MIN RADIUS: 0.243

MAX RADIUS: 0.993

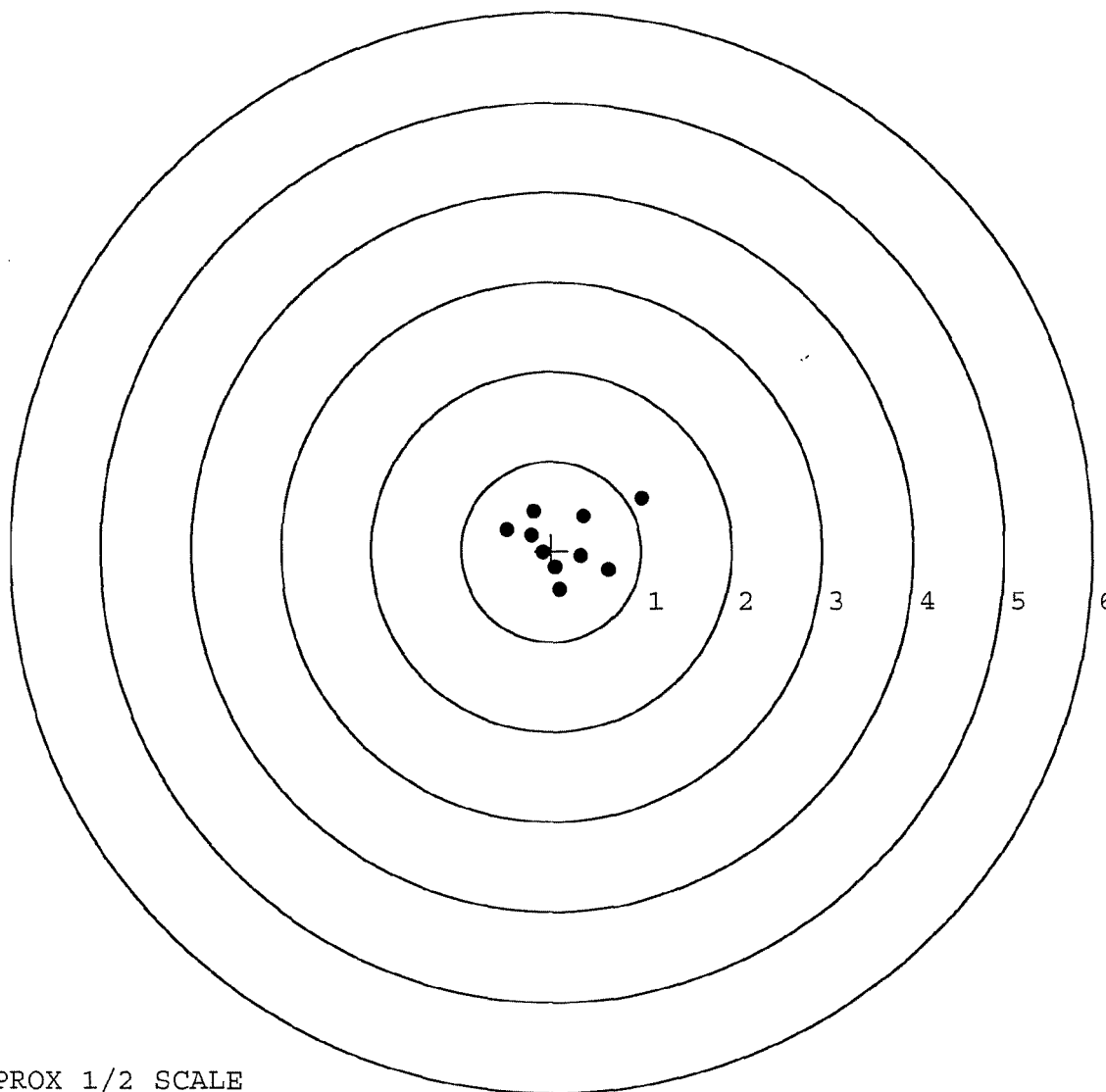
MEAN RADIUS: 0.477

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.002	0.591
2:	0.359	0.381
3:	0.635	-0.216
4:	0.332	-0.065
5:	0.091	-0.431
6:	0.044	-0.183
7:	-0.094	-0.014
8:	-0.495	0.233
9:	-0.200	0.435
10:	-0.226	0.171



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374556. __0

TARGET NUMBER: 3

FILE DATE: 10/12/2002

FILE TIME: 13:36

X CENTROID: 0.075

Y CENTROID: 0.165

POA TO CENTROID: 0.181

HORZ SPREAD: 1.735

VERT SPREAD: 1.800

GROUP SPREAD: 2.309

MIN RADIUS: 0.165

MAX RADIUS: 1.198

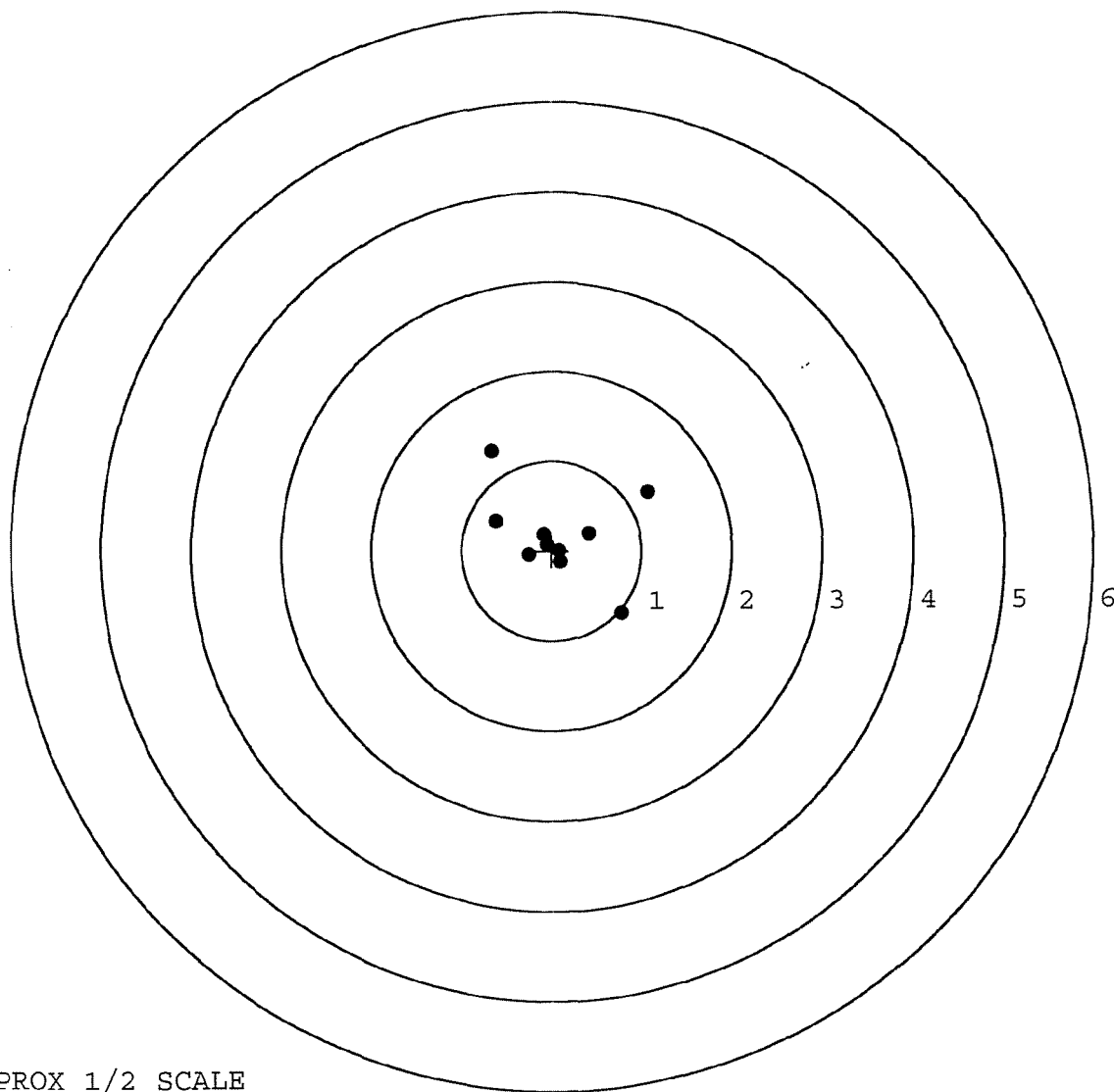
MEAN RADIUS: 0.567

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.069	0.655
2:	0.780	-0.693
3:	-0.666	1.107
4:	-0.624	0.332
5:	0.409	0.197
6:	-0.090	0.177
7:	-0.258	-0.049
8:	0.100	-0.128
9:	-0.054	0.062
10:	0.082	-0.009



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374556. __0

TARGET NUMBER: 4

FILE DATE: 10/12/2002

FILE TIME: 13:36

X CENTROID: -0.020

Y CENTROID: 0.040

POA TO CENTROID: 0.045

HORZ SPREAD: 1.873

VERT SPREAD: 0.883

GROUP SPREAD: 1.879

MIN RADIUS: 0.100

MAX RADIUS: 1.130

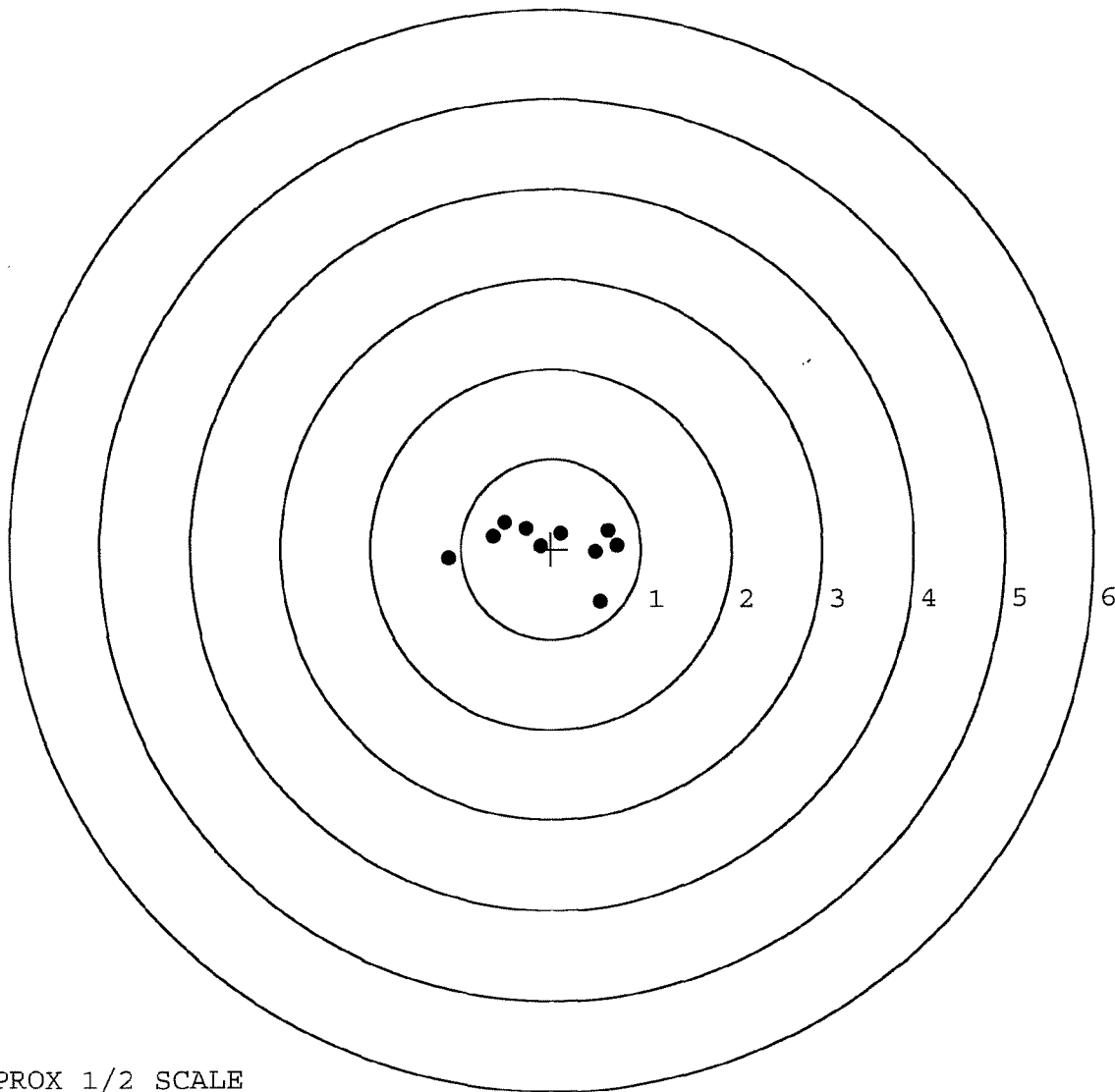
MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.140	-0.110
2:	-0.526	0.298
3:	-0.641	0.140
4:	-0.281	0.231
5:	0.109	0.170
6:	-0.120	0.031
7:	0.629	0.211
8:	0.733	0.045
9:	0.495	-0.031
10:	0.540	-0.585



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374556.___0

TARGET NUMBER: 5

FILE DATE: 10/12/2002

FILE TIME: 13:36

X CENTROID: -0.071

Y CENTROID: -0.189

POA TO CENTROID: 0.201

HORZ SPREAD: 1.214

VERT SPREAD: 1.378

GROUP SPREAD: 1.590

MIN RADIUS: 0.087

MAX RADIUS: 0.857

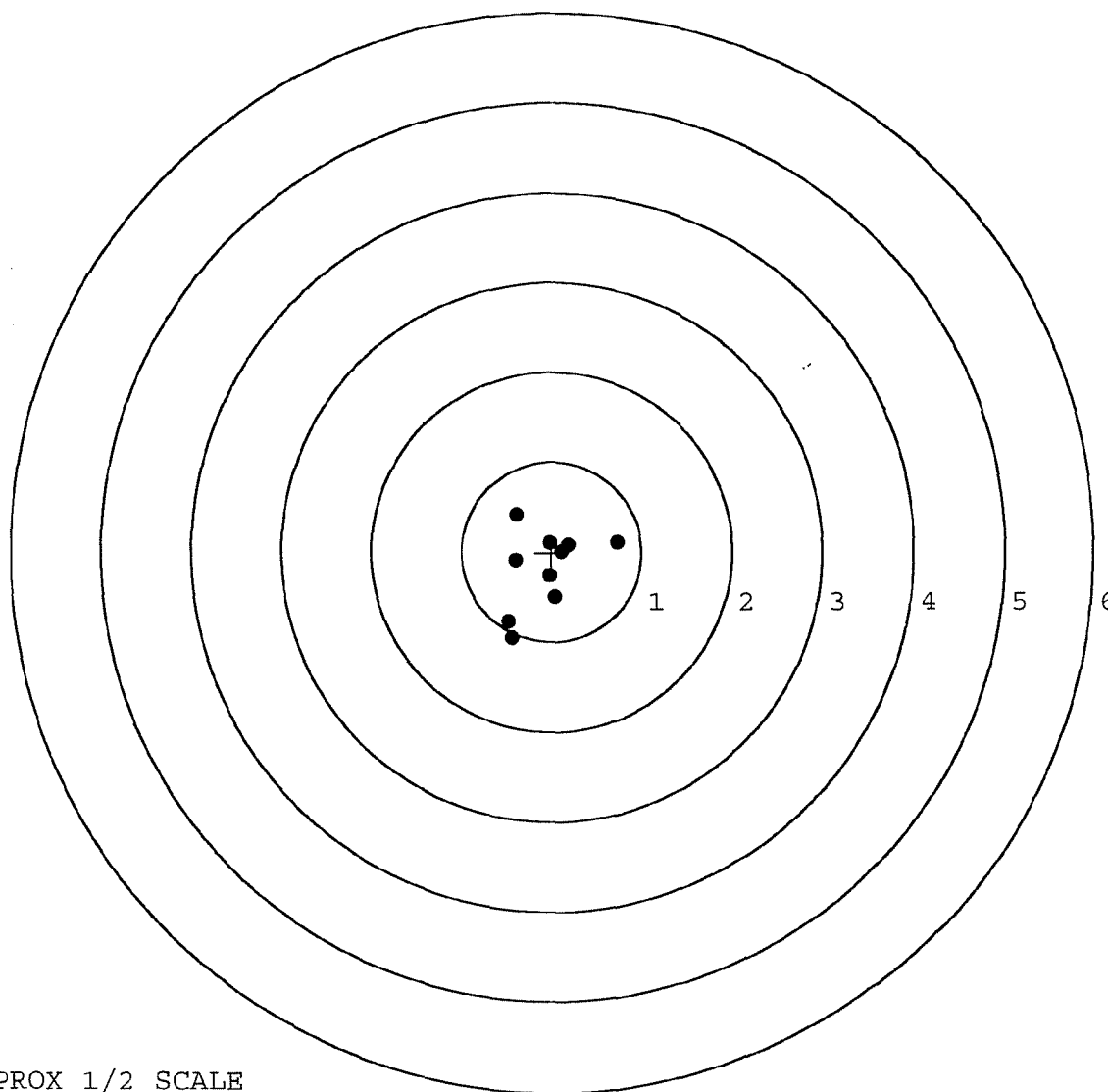
MEAN RADIUS: 0.482

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.396	0.417
2:	-0.400	-0.097
3:	-0.485	-0.784
4:	-0.441	-0.961
5:	0.034	-0.501
6:	0.729	0.115
7:	0.189	0.083
8:	-0.025	0.107
9:	-0.028	-0.264
10:	0.113	0.000



TARGET APPROX 1/2 SCALE

Final Inspection

In: E16374556

DATE REC'D: 9/18/02

DATE RET'D: 10/14/02

Inspector: RL

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-250
- ☒ 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

R & E NUMBER	52471		
SERIAL NUMBER	E6374556		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/19/02	RL
560 A	RE-BARREL	9-19-02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-24-02	AC
605	CHECK HEADSPACE	9-24-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TD
618	ROTO-BLAST	9/30/02	RD
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/10/02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-11-02	AC
655	FINAL INSPECT	10/14/02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-05075

INITIAL CUSTOMER ORDER NO.

WDG 17 OF 23

LJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

~~66225373~~

E6374556

700

7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

CUST NO: 113830 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400118129

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374556
19 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1984
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4526
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .494175

THE AMR FOR THIS RIFLE IS: 1.135

CENTROIDAL DISTANCES

0 TO	1	.469324
1 TO	2	.588002
1 TO	3	.374257
1 TO	4	.127201
1 TO	5	.523414

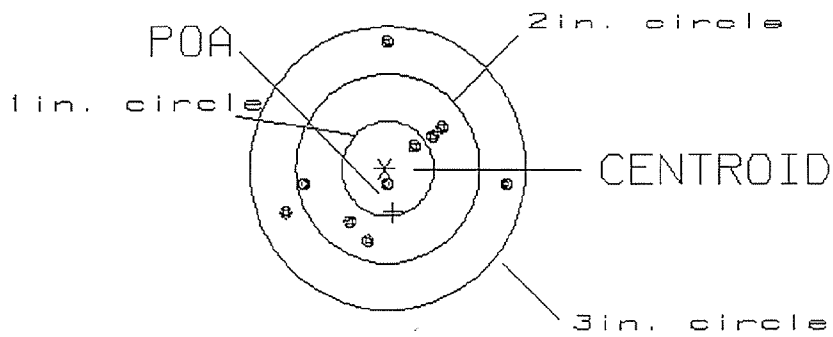
5
1 4
3 2
+ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .470
 MIN RADIUS : .112
 MEAN RADIUS : .802
 MAX RADIUS : 1.313
 CENTROID X : -.088
 CENTROID Y : .461

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374556

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.36

2

US= 2.11

7

GS= 2.37

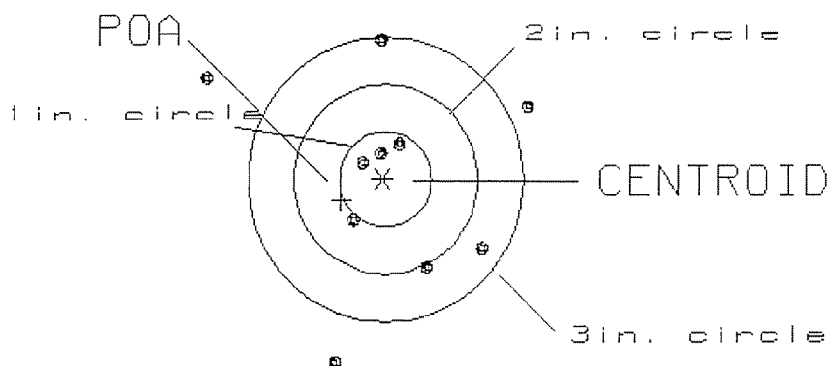
10

PATTERN #: 020
 POA TO CENTROID: .504
 MIN RADIUS : .248
 MEAN RADIUS : 1.129
 MAX RADIUS : 2.219
 CENTROID X : .451
 CENTROID Y : .226

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374556

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.53

3

VS= 3.43

4

GS= 3.54

7

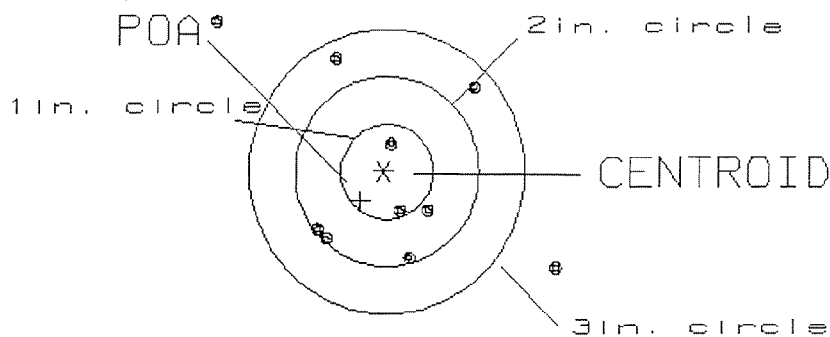
PATTERN #: 3

POA TO CENTROID: .400
 MIN RADIUS : .294
 MEAN RADIUS : 1.152
 MAX RADIUS : 2.444
 CENTROID X : .254
 CENTROID Y : .309

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374556

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.72

2

VS= 2.62

6

GS= 4.55

8

PATTERN #: ☐ 4 ☐

POA TO CENTROID:

MIN RADIUS : .537

MEAN RADIUS : .727

MAX RADIUS : 1.322

CENTROID X : 1.956

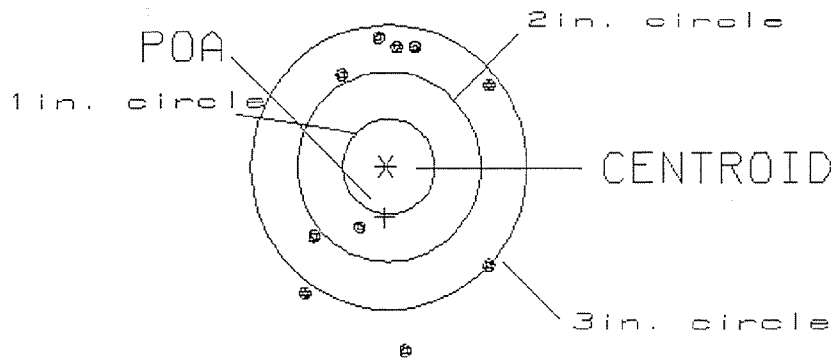
CENTROID Y : .014

CENTROID Y : .537

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374556

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.05

0

VS= 3.29

1

GS= 3.30

8

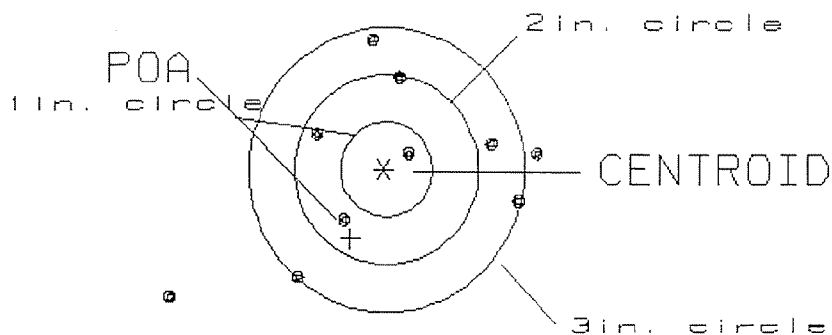
PATTERN #: 5

POA TO CENTROID: .815
 MIN RADIUS : .309
 MEAN RADIUS : 1.271
 MAX RADIUS : 2.657
 CENTROID X : .361
 CENTROID Y : .730

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374556

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.96

1

VS= 2.67

3

GS= 4.21

6