

G 6360874
Replace
E 6374536

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

USAPPC V1.10

M2400084331

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360874.___0
FILE DATE AND TIME: 10/20/2004 07:04

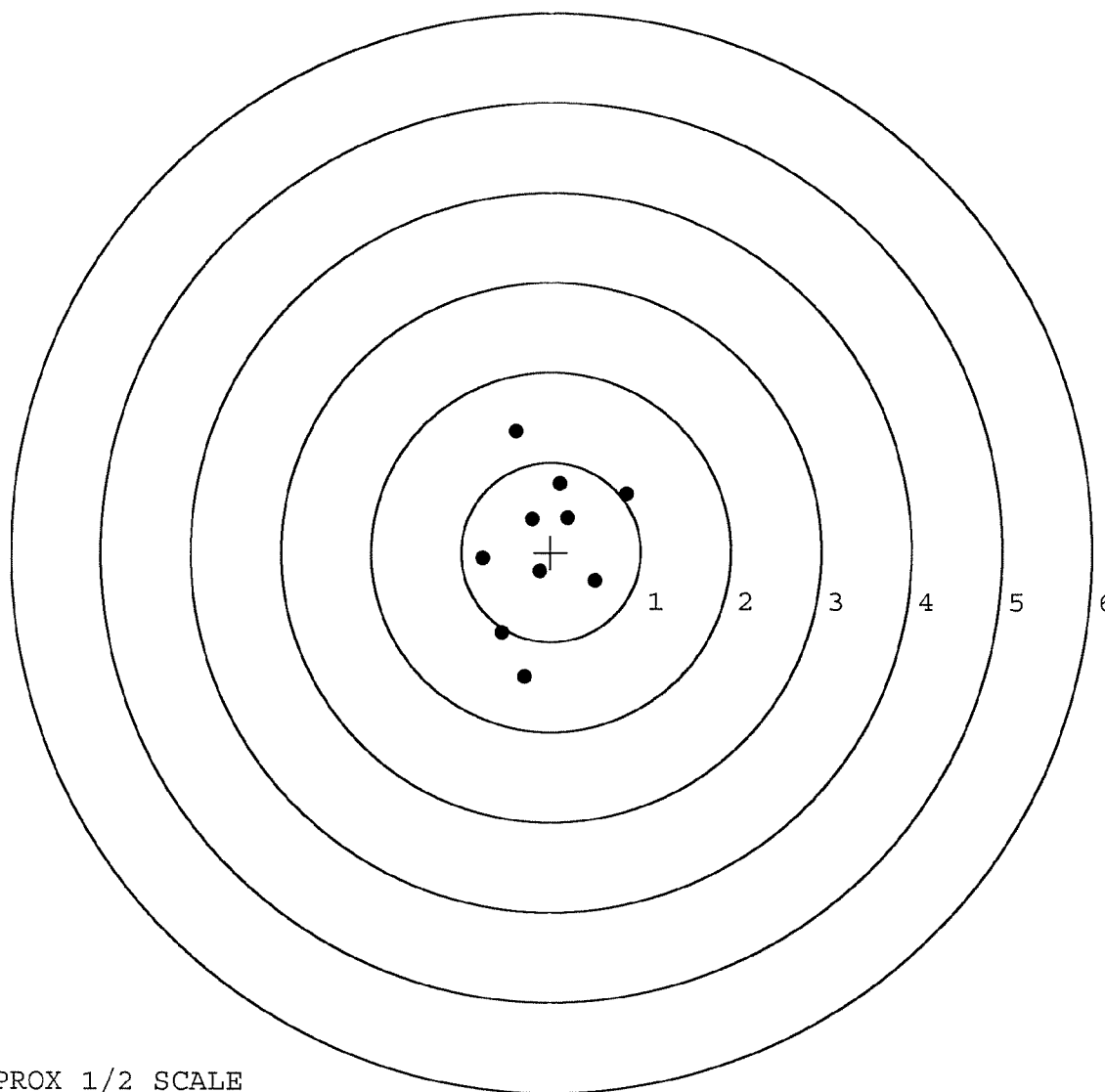
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	0.011
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.927
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.207
The Distance from Centroid Target #3 to Centroid Target #1:	0.121
The Distance from Centroid Target #4 to Centroid Target #1:	0.267
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: G6360874. __0
TARGET NUMBER: 1
FILE DATE: 10/20/2004
FILE TIME: 07:04

X CENTROID: -0.069
Y CENTROID: 0.060
POA TO CENTROID: 0.091
HORZ SPREAD: 1.609
VERT SPREAD: 2.744
GROUP SPREAD: 2.746
MIN RADIUS: 0.283
MAX RADIUS: 1.474
MEAN RADIUS: 0.811
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.289	-1.398
2:	-0.545	-0.902
3:	0.494	-0.326
4:	-0.122	-0.218
5:	-0.764	-0.069
6:	-0.213	0.369
7:	0.190	0.382
8:	0.845	0.648
9:	0.103	0.765
10:	-0.389	1.346



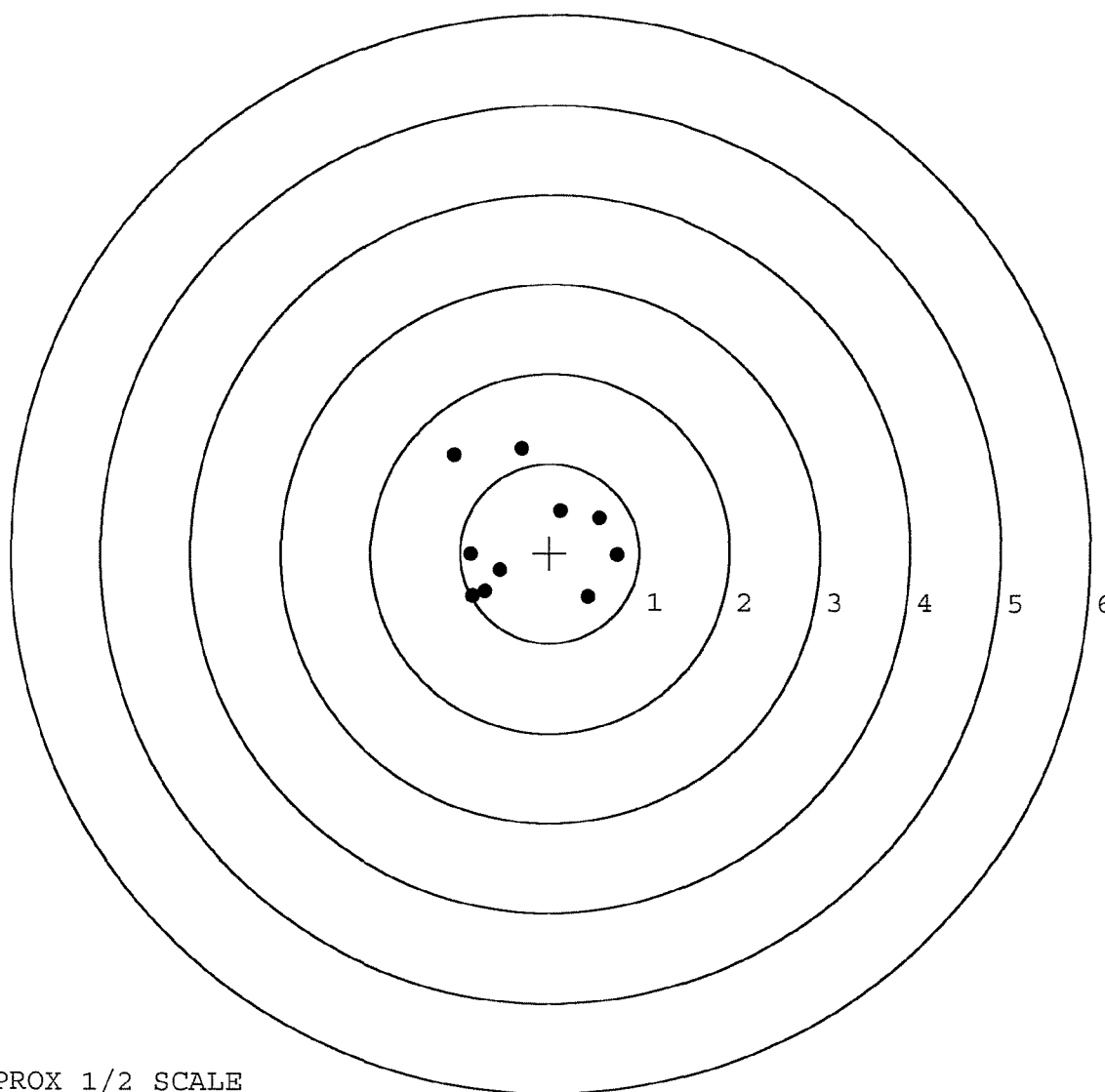
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
TARGET NUMBER: 2
FILE DATE: 10/20/2004
FILE TIME: 07:04

X CENTROID: -0.256
Y CENTROID: 0.149
POA TO CENTROID: 0.296
HORZ SPREAD: 1.829
VERT SPREAD: 1.666
GROUP SPREAD: 2.194
MIN RADIUS: 0.461
MAX RADIUS: 1.257
MEAN RADIUS: 0.831

POINT#	X	Y
1:	0.431	-0.494
2:	0.759	-0.033
3:	0.547	0.390
4:	0.117	0.474
5:	-0.559	-0.198
6:	-0.722	-0.430
7:	-0.863	-0.483
8:	-0.881	-0.015
9:	-0.315	1.172
10:	-1.070	1.106

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

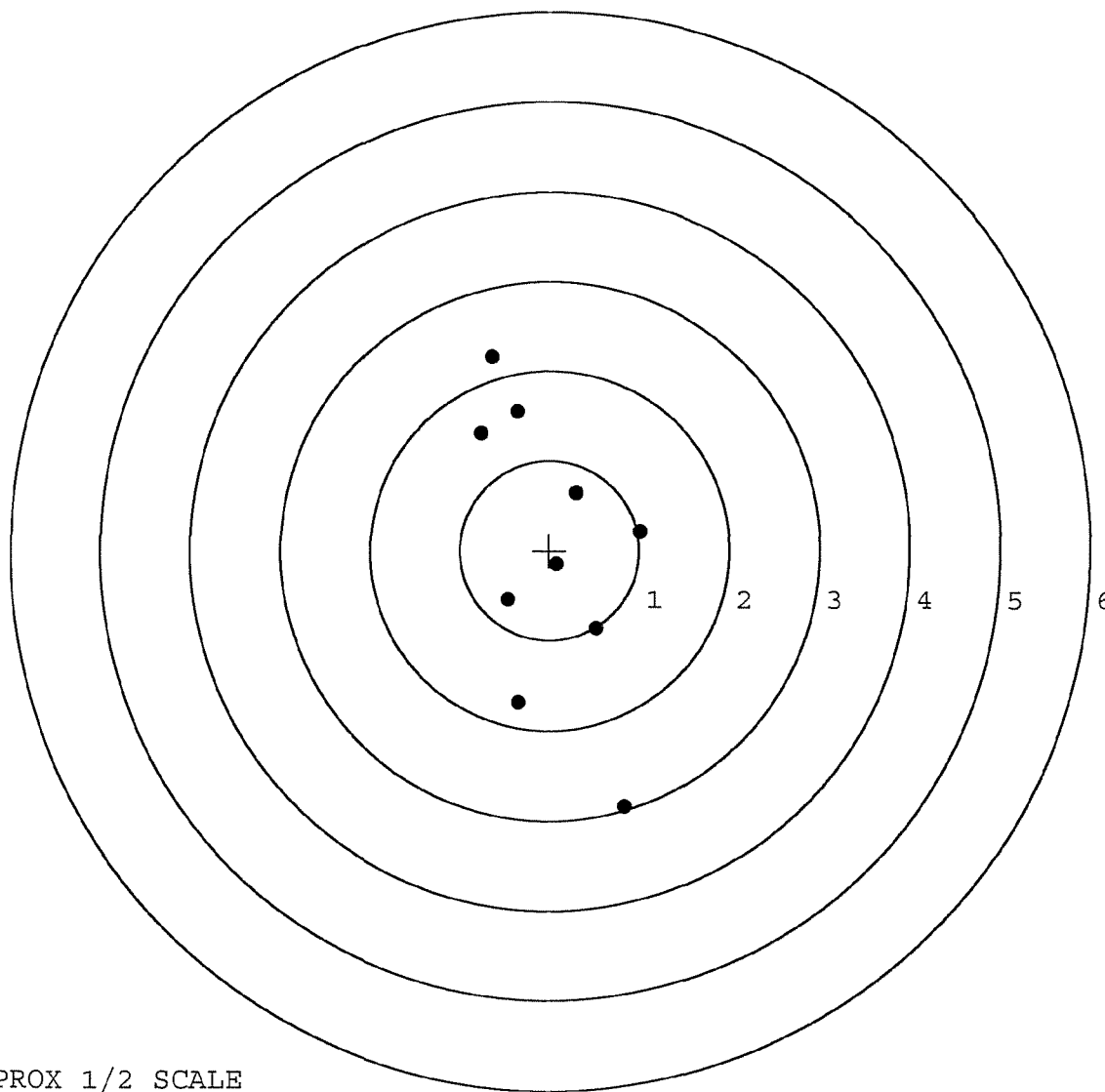


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
TARGET NUMBER: 3
FILE DATE: 10/20/2004
FILE TIME: 07:04

X CENTROID: 0.014
Y CENTROID: -0.028
POA TO CENTROID: 0.031
HORZ SPREAD: 1.778
VERT SPREAD: 5.001
GROUP SPREAD: 5.219
MIN RADIUS: 0.143
MAX RADIUS: 2.937
MEAN RADIUS: 1.369
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.526	-0.879
2:	-0.351	-1.699
3:	-0.466	-0.553
4:	0.080	-0.155
5:	1.007	0.213
6:	0.294	0.644
7:	-0.771	1.303
8:	-0.365	1.540
9:	-0.653	2.154
10:	0.839	-2.847

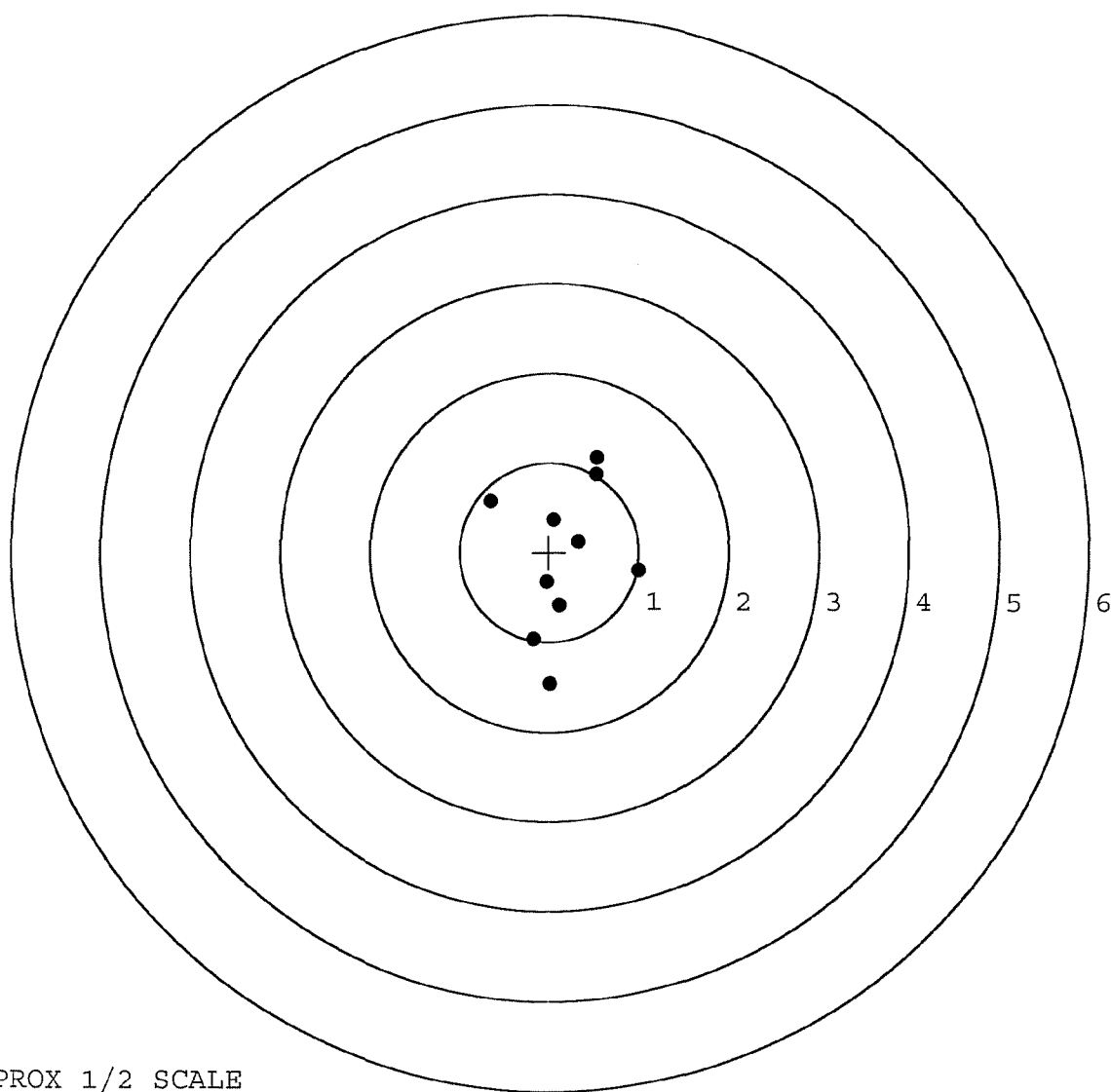


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
TARGET NUMBER: 4
FILE DATE: 10/20/2004
FILE TIME: 07:04

X CENTROID: 0.169
Y CENTROID: -0.062
POA TO CENTROID: 0.180
HORZ SPREAD: 1.660
VERT SPREAD: 2.530
GROUP SPREAD: 2.581
MIN RADIUS: 0.238
MAX RADIUS: 1.420
MEAN RADIUS: 0.801
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.017	-1.473
2:	-0.177	-0.977
3:	0.116	-0.594
4:	0.997	-0.211
5:	-0.033	-0.338
6:	0.327	0.117
7:	0.050	0.365
8:	0.530	0.869
9:	0.527	1.057
10:	-0.663	0.569



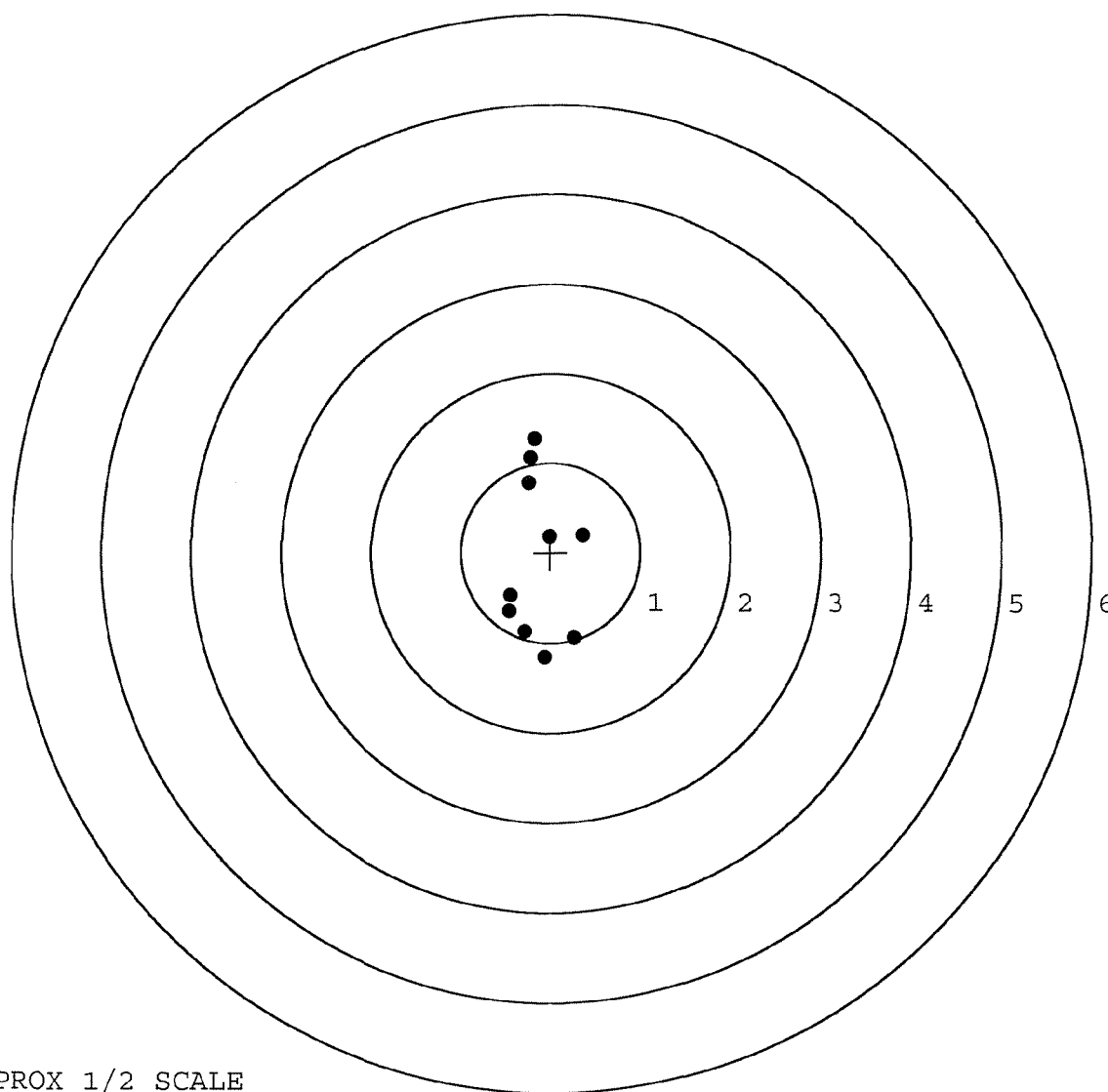
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. 0
TARGET NUMBER: 5
FILE DATE: 10/20/2004
FILE TIME: 07:04

X CENTROID: -0.132
Y CENTROID: -0.064
POA TO CENTROID: 0.147
HORZ SPREAD: 0.819
VERT SPREAD: 2.430
GROUP SPREAD: 2.432
MIN RADIUS: 0.272
MAX RADIUS: 1.333
MEAN RADIUS: 0.822

POINT#	X	Y
1:	0.262	-0.951
2:	-0.072	-1.162
3:	-0.287	-0.879
4:	-0.448	-0.478
5:	-0.464	-0.647
6:	0.355	0.190
7:	-0.011	0.180
8:	-0.250	0.779
9:	-0.225	1.059
10:	-0.181	1.268

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	85581		
SERIAL NUMBER	E6374534 G6360874 (New)		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RR
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX	10-7-04	RTL
615	ROLLMARK CALIBER	OPERATOR	
618	ROTO-BLAST	10-11-04	SB/CW
620	APPLY COATINGS	10-17-04	HP
625 A	FINAL ASSEMBLY	10/16/04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-20-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-05056

INITIAL CUSTOMER ORDER NO.

WOG 8 OF 23

JLM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

~~06225478~~

L6374536

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 ☐

FROM DATE

ESTIMATED

V/A

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

S1

TRIGGER GROUP

E1

BOLT ASSY.

B1

BARREL ASSY.

B1

D1

E1

REC. ASSY.

B1

D2

E2

WOOD

D1

D3

E3

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

M2400084339

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374536
13 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3844
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .39
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .547598

THE AMR FOR THIS RIFLE IS: 1.131

CENTROIDAL DISTANCES

0 TO 1	.770112
1 TO 2	.258907
1 TO 3	.64333
1 TO 4	.285591
1 TO 5	.391486

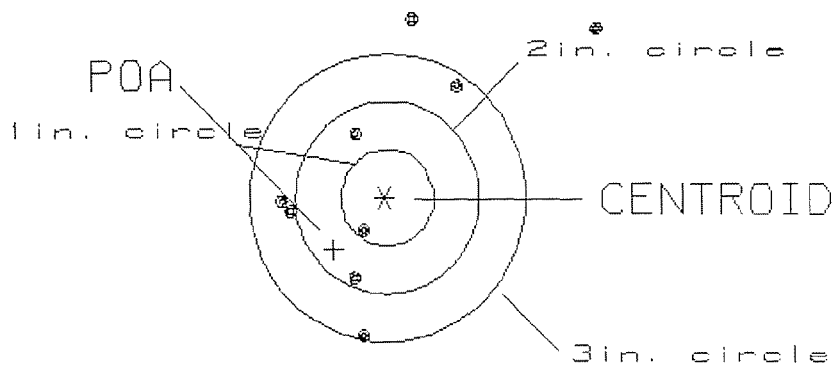
4^2 1
+ 3 5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .770
 MIN RADIUS : .463
 MEAN RADIUS : 1.468
 MAX RADIUS : 2.908
 CENTROID X : .552
 CENTROID Y : .537

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.38

1

VS= 4.61

3

GS= 5.03

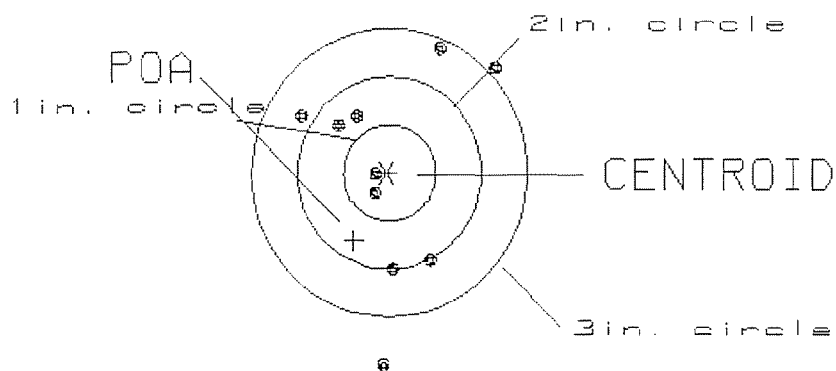
7

PATTERN #: 2
 POA TO CENTROID: .789
 MIN RADIUS : .178
 MEAN RADIUS : .988
 MAX RADIUS : 1.964
 CENTROID X : .355
 CENTROID Y : .705

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG374536.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.08

2

VS= 3.21

5

GS= 3.29

8

PATTERN #: 3

POA TO CENTROID: .284

MIN RADIUS : .498

MEAN RADIUS : 1.314

MAX RADIUS : 2.368

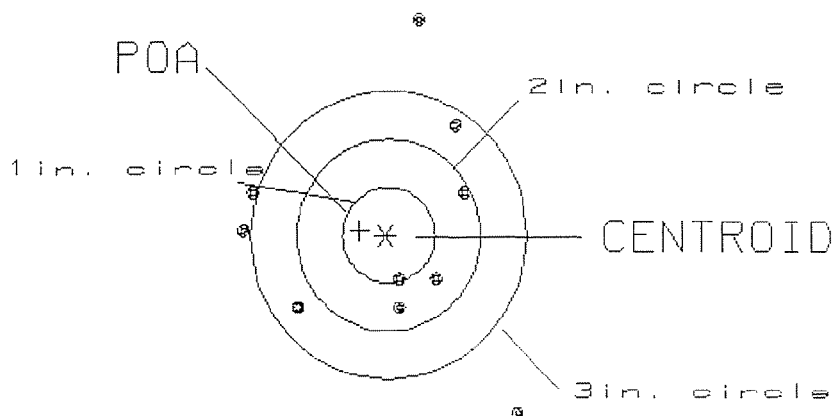
CENTROID X : .280

CENTROID Y : -.046

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.00

1

VS= 4.10

4

GS= 4.25

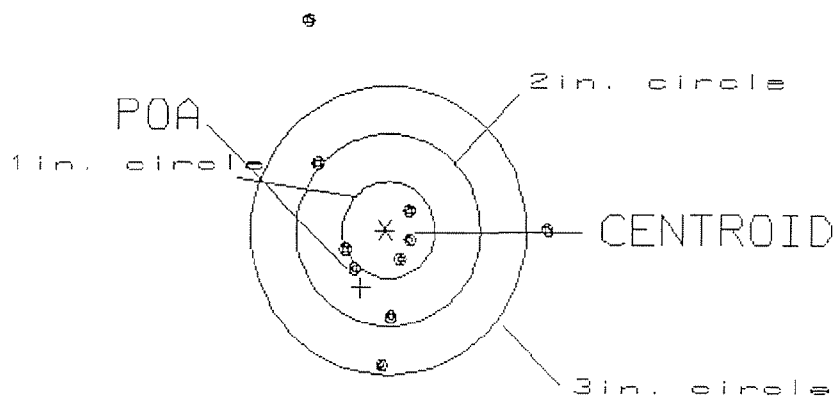
6

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .657
 MIN RADIUS : .209
 MEAN RADIUS : .929
 MAX RADIUS : 2.371
 CENTROID X : .273
 CENTROID Y : .598

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.60

4

VS= 3.58

6

GS= 3.65

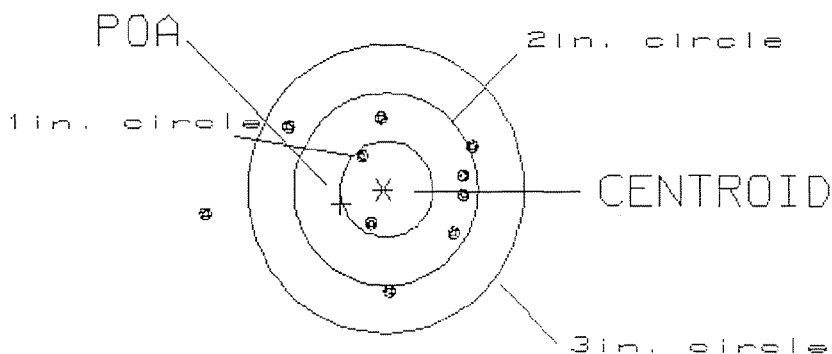
8

PATTERN #: 5
 POA TO CENTROID: .487
 MIN RADIUS : .405
 MEAN RADIUS : .956
 MAX RADIUS : 1.940
 CENTROID X : .462
 CENTROID Y : .156

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.87

2

VS= 1.85

6

GS= 2.95

9