

E 6413519

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

R & E NUMBER		17399	
SERIAL NUMBER		E6413519	
LOG-IN DATE		11-16-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-20-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	11-23-00	CK
605	CHECK HEADSPACE	11-23-00	CK
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	12-2-00	CK
655	FINAL INSPECT	12-6-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: E6413519

DATE REC'D: 11-16-00

DATE RET'D:

AUDITOR: CK

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413519
15 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0124
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .140947

THE AMR FOR THIS RIFLE IS: 1.082

CENTROIDAL DISTANCES

Ø TO	1	.175308
1 TO	2	.0269258
1 TO	3	.452001
1 TO	4	.401214
1 TO	5	.537944

$\bar{x}_+$ <----POA
4³
5

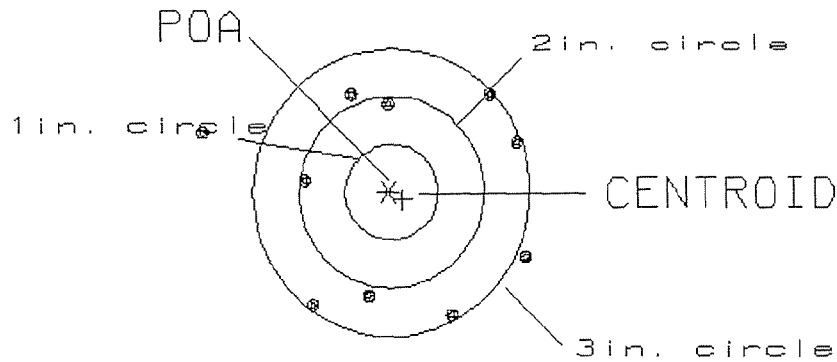
PATTERN #: 1

POA TO CENTROID: .175
 MIN RADIUS : .966
 MEAN RADIUS : 1.364
 MAX RADIUS : 2.090
 CENTROID X : -.157
 CENTROID Y : .078

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.43

0

VS= 2.32

1

GS= 3.67

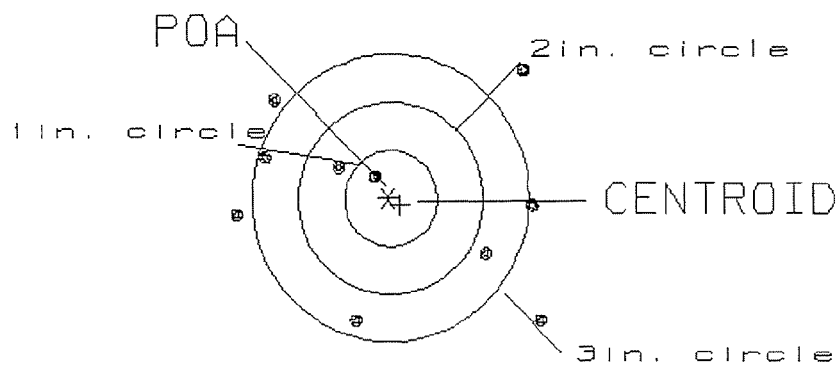
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .149
 MIN RADIUS : .268
 MEAN RADIUS : 1.365
 MAX RADIUS : 2.013
 CENTROID X : -.131
 CENTROID Y : .071

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ef413519.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.26

1

VS= 2.56

2

GS= 3.66

5

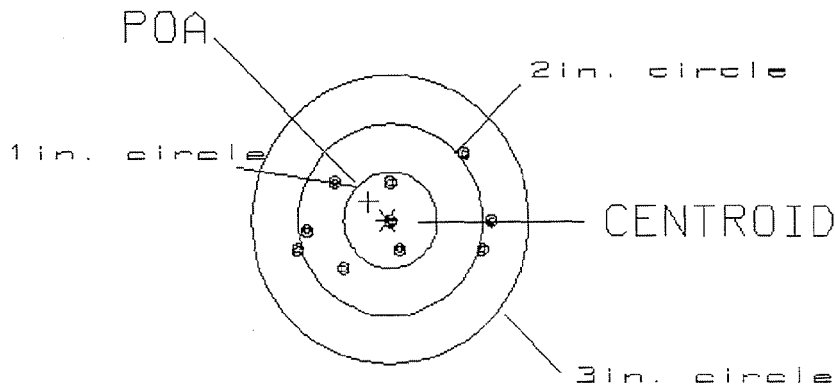
PATTERN #: 3

POA TO CENTROID: .282
 MIN RADIUS : .051
 MEAN RADIUS : .744
 MAX RADIUS : 1.135
 CENTROID X : .204
 CENTROID Y : -.194

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ef413519.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.18

3

VS= 1.19

6

GS= 2.20

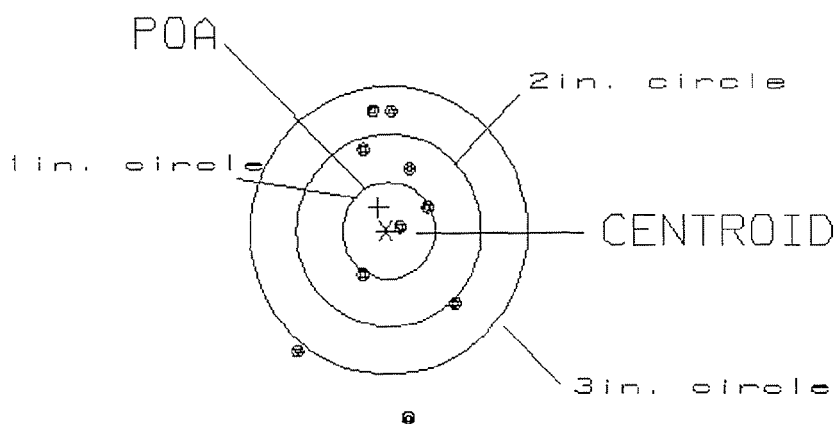
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .258
 MIN RADIUS : .188
 MEAN RADIUS : .989
 MAX RADIUS : 1.976
 CENTROID X : .081
 CENTROID Y : -.245

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.72

3

VS= 3.24

5

GS= 3.27

8

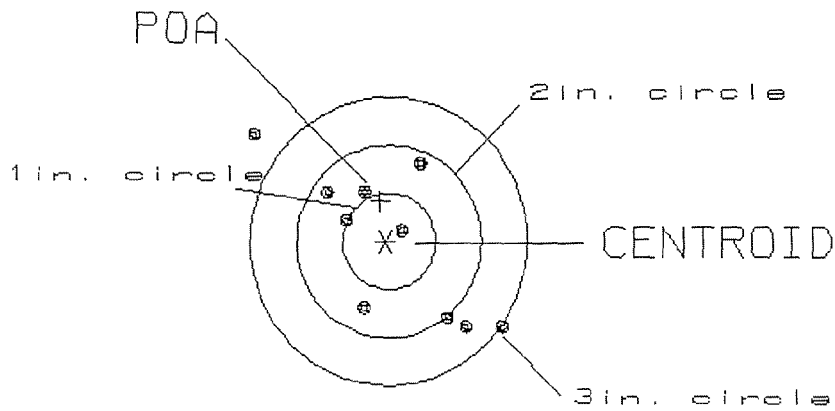
PATTERN #: 5

POA TO CENTROID: .417
 MIN RADIUS : .147
 MEAN RADIUS : .947
 MAX RADIUS : 1.889
 CENTROID X : .065
 CENTROID Y : -.412

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.77
 VS= 2.04
 GS= 3.41

1
 6
 3

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413519
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2874
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0754
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .297126

THE AMR FOR THIS RIFLE IS: 1.368

CENTROIDAL DISTANCES

Ø TO 1	.902404
1 TO 2	1.2721
1 TO 3	1.1394
1 TO 4	.916289
1 TO 5	.960769

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

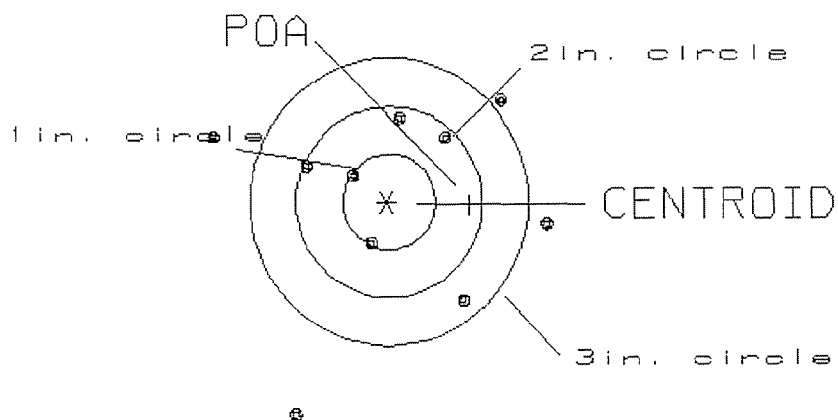
PATTERN #: 1

POA TO CENTROID: .903
 MIN RADIUS : .448
 MEAN RADIUS : 1.281
 MAX RADIUS : 2.430
 CENTROID X : -.902
 CENTROID Y : .027

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.64

2

VS= 3.35

4

GS= 4.00

6

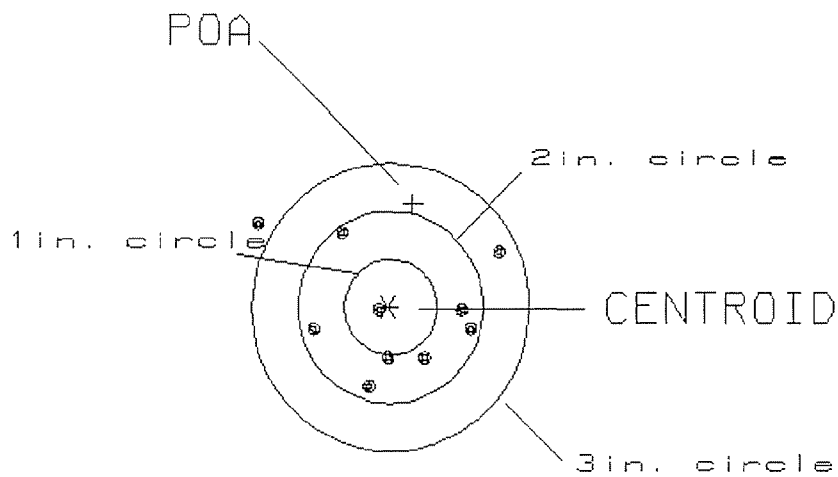
PATTERN #: 2

POA TO CENTROID: 1.110
 MIN RADIUS : .180
 MEAN RADIUS : .865
 MAX RADIUS : 1.673
 CENTROID X : -.270
 CENTROID Y : -1.077

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.53
 VS= 1.75
 GS= 2.56

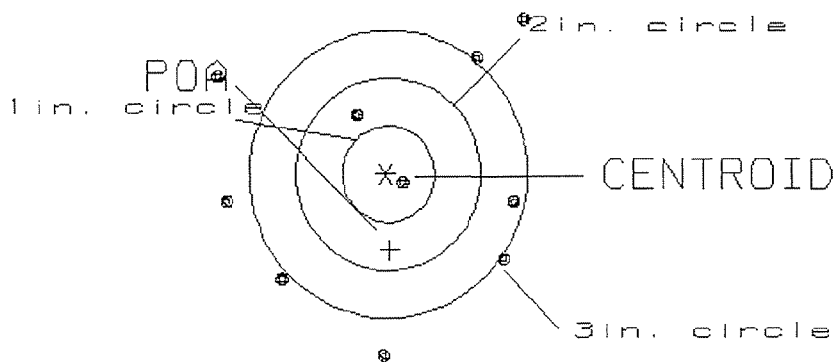
1
 6
 9

PATTERN #: 3
 POA TO CENTROID: .790
 MIN RADIUS : .197
 MEAN RADIUS : 1.492
 MAX RADIUS : 2.166
 CENTROID X : -.054
 CENTROID Y : .788

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.32
 VS= 3.51
 GS= 3.82

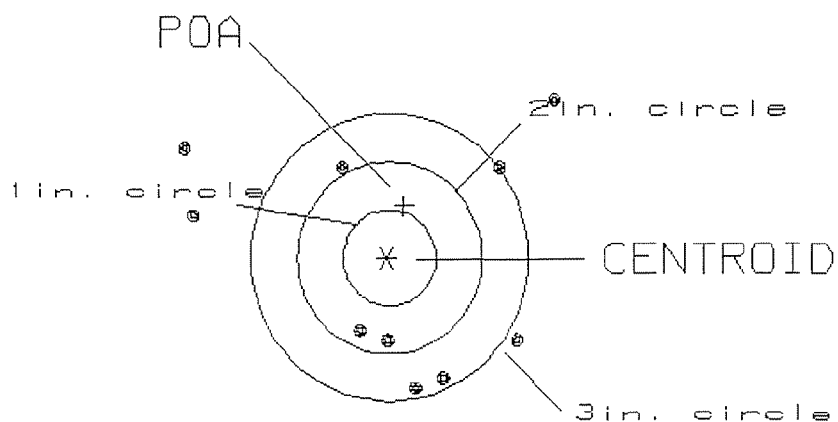
1
 2
 3

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .571
 MIN RADIUS : .833
 MEAN RADIUS : 1.575
 MAX RADIUS : 2.514
 CENTROID X : -.183
 CENTROID Y : -.541

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.04

0

VS= 2.98

2

GS= 4.13

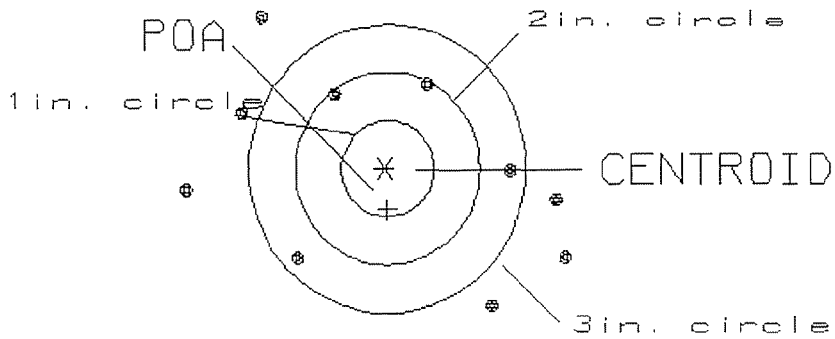
6

PATTERN #: 5
 POA TO CENTROID: .427
 MIN RADIUS : .957
 MEAN RADIUS : 1.628
 MAX RADIUS : 2.159
 CENTROID X : -.028
 CENTROID Y : .426

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413519

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.10
 VS= 3.00
 GS= 4.17

0
 2
 4