

E 6374627 New
C 6225321 Old

Closed 2/28/2003 10:19:02 AM

Customer:

Received From

Return To:

Received From

COMMANDER

ATTN SSG DEAN

PO Box

1 1 SFG A UNIT 35123

PQ Box

CITY: APO

APO

State: AP

Zip Code: 96376

Country: ☒

State: AP

Zip Code: 96376

Country: ☐

FFL

Shipping / Billing

-Accessories Received

✓ Poor

Fax

Email:

Comments:

Condition
Notes:

CSR
Notes:

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

- Refresh

Close

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

R & E NUMBER	C2400		
SERIAL NUMBER	F6374627		
LOG-IN DATE	2-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE New extractor	3-5-03	RTL
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	3-5-03	AC
655	FINAL INSPECT	3-21-03	RTL
660	PACK	3-21-03	NA
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6374627
14 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .208198

THE AMR FOR THIS RIFLE IS: 1.128

CENTROIDAL DISTANCES

0 TO	1	.0941541
1 TO	2	.217147
1 TO	3	.202237
1 TO	4	.151822
1 TO	5	.12735

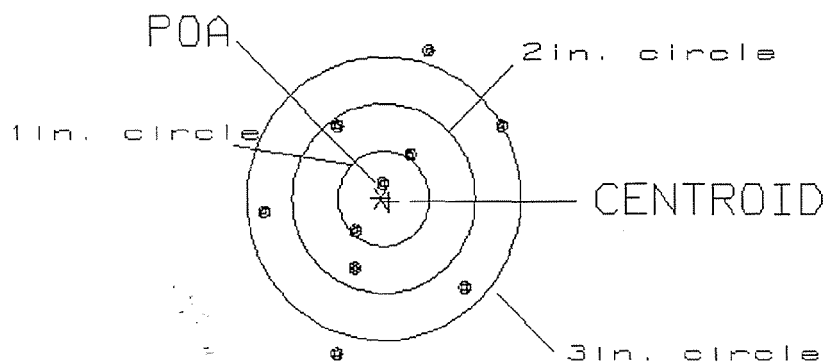
$\frac{2^5}{3}1_+$ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .094
 MIN RADIUS : .213
 MEAN RADIUS : 1.046
 MAX RADIUS : 1.725
 CENTROID X : -.087
 CENTROID Y : .036

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374627

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.62
 VS= 3.23
 GS= 3.37

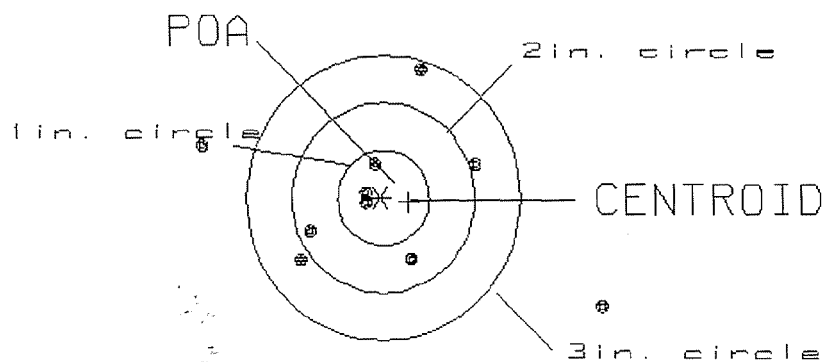
1
 5
 7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .307
 MIN RADIUS : .209
 MEAN RADIUS : 1.086
 MAX RADIUS : 2.671
 CENTROID X : -.304
 CENTROID Y : .044

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374627

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.45

3

VS= 2.53

5

GS= 4.78

8

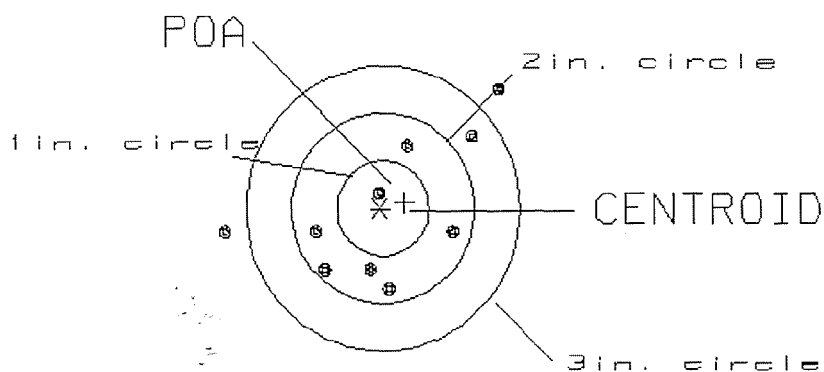
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .272
 MIN RADIUS : .161
 MEAN RADIUS : .956
 MAX RADIUS : 1.804
 CENTROID X : -.265
 CENTROID Y : -.060

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374627

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.97
 VS= 2.15
 GS= 3.32

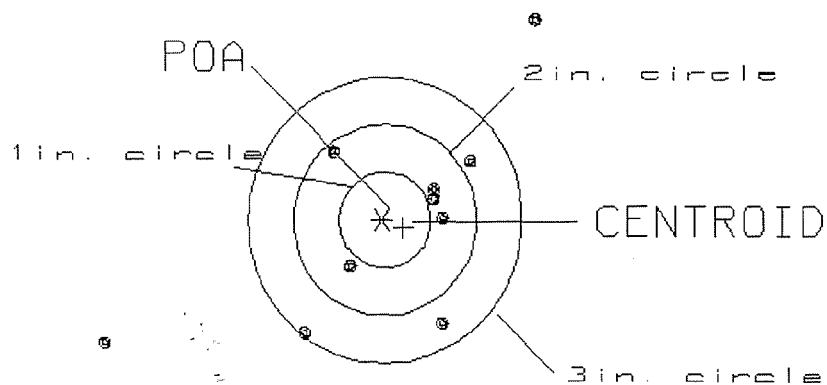
1
 7
 8

PATTERN #: 4
 POA TO CENTROID: .246
 MIN RADIUS : .536
 MEAN RADIUS : 1.311
 MAX RADIUS : 3.314
 CENTROID X : -.232
 CENTROID Y : .081

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374627

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.65

0

VS= 3.41

5

GS= 5.76

8

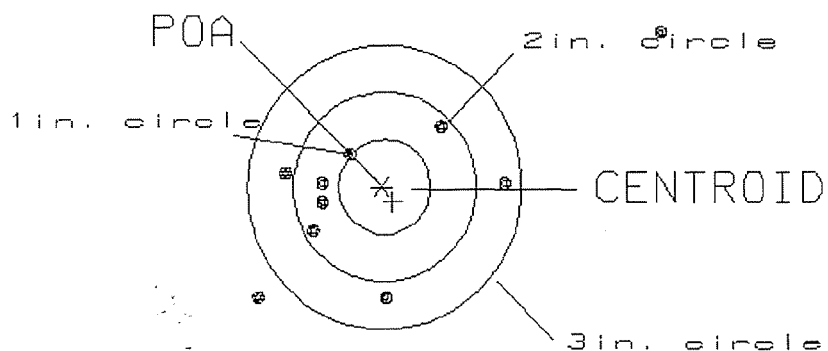
PATTERN #: 5

POA TO CENTROID: .199
 MIN RADIUS : .470
 MEAN RADIUS : 1.242
 MAX RADIUS : 3.402
 CENTROID X : -.120
 CENTROID Y : .159

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374627

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.32
 VS= 2.85
 GS= 5.13

1
 5
 8

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

R & E NUMBER			
SERIAL NUMBER <u>F6374627</u>			
LOG-IN DATE <u>7/31/01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/31/01	RH
560 A	RE-BARREL AT CUSTOM SHOP	8/1/01	BWT
B	DRILL AND TAP	8/1/01	BWT
C	POLISH		
575	ASSEMBLE	8/1/01	RH
600	PROOF	8/1/01	RH
605	CHECK HEADSPACE	8/1/01	RH
610	DIS-ASSEMBLE GUN	8/1/01	RH
612	MAGNAFLUX	8/3/01	CA
615	ROLLMARK CALIBER		
618	ROTO-BLAST	8/6/01	RH
620	APPLY COATINGS	8-8-01	TH
625 A	FINAL ASSEMBLY	8/13/01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8/15/01	AC
655	FINAL INSPECT	8/15/01	RH
660	PACK	8/16/01	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

ID: 6374627

DATE REC'D: 7/31/01

DATE RET'D: 8/15/01

EDITOR: RTH

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: _____

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools LSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00030144** Serial: **E6374534** Model: **700** Center Fire Caliber: **7.62 NATO M.24 (SWS)** Repairman: Status: **Closed 7/30/01 1:48:06 PM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address-1: **1ST BN 1ST SFG (A)** **1ST BN 1ST SFG (A)**

Address-2: PO Box:

City: **APD** **APD**

State: **OK** Zip Code: **96376** Country: **US** State: **OK** Zip Code: **96376** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition:

Notes:

CSH:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A012	Scope Base	1

Repair Search Refresh Close

noel 7/31/01 7:12 AM CAPS NUM INS SCL

Start Arms Services Repair 7:12 AM

E6374534 New BBL
 Model: **700**
RE00030144
 C6225229

Remington Test Lab, Ilion, N.Y.

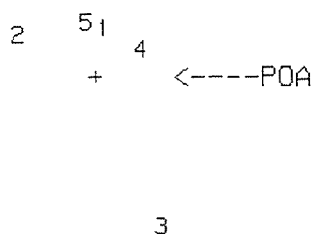
Centroidal distance calculations for Rifle # e6374534
14 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0459778

THE AMR FOR THIS RIFLE IS: 1.15

CENTROIDAL DISTANCES

0 TO 1	.335744
1 TO 2	.590794
1 TO 3	1.4118
1 TO 4	.28764
1 TO 5	.126372



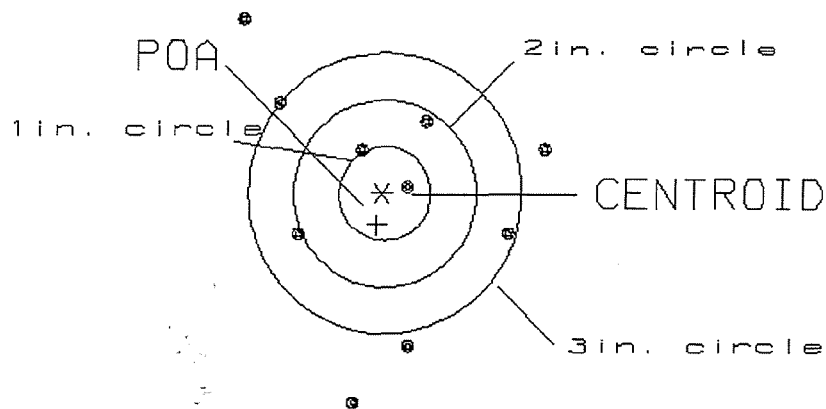
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .335
 MIN RADIUS : .254
 MEAN RADIUS : 1.374
 MAX RADIUS : 2.410
 CENTROID X : .050
 CENTROID Y : .332

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374534

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.34
 VS= 4.04
 GS= 4.21

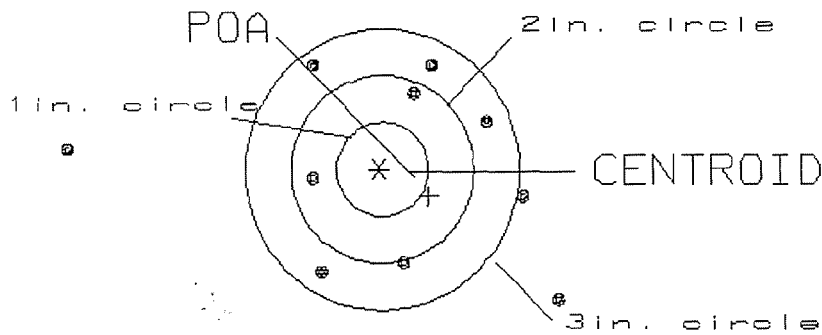
1
 3
 6

PATTERN #: 0 2 0
 POA TO CENTROID: .610
 MIN RADIUS : .801
 MEAN RADIUS : 1.518
 MAX RADIUS : 3.465
 CENTROID X : -.539
 CENTROID Y : .286

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374534

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.42
 VS= 2.47
 GS= 5.64

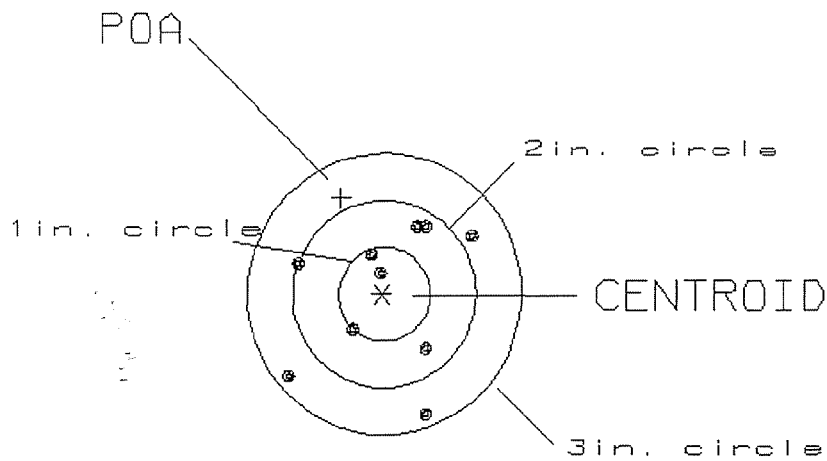
0
 2
 7

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: 1.116
 MIN RADIUS : .252
 MEAN RADIUS : .844
 MAX RADIUS : 1.345
 CENTROID X : .443
 CENTROID Y : -1.024

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374534

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.02

2

VS= 1.93

6

GS= 2.54

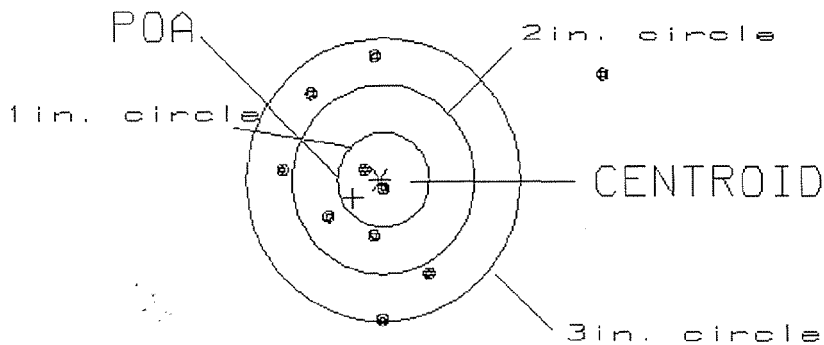
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .353
 MIN RADIUS : .106
 MEAN RADIUS : 1.055
 MAX RADIUS : 2.651
 CENTROID X : .299
 CENTROID Y : .188

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374534

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.53
 VS= 2.74
 GS= 3.68

2
 4
 9

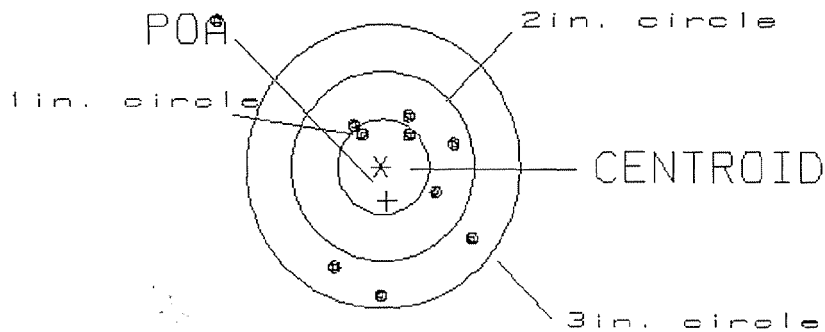
PATTERN #: 5

POA TO CENTROID: .368
 MIN RADIUS : .394
 MEAN RADIUS : .959
 MAX RADIUS : 2.404
 CENTROID X : -.073
 CENTROID Y : .361

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374534

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.78
 VS= 2.95
 GS= 3.65

2
 6
 9

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

R & E NUMBER			
SERIAL NUMBER <i>E 6374534</i>			
LOG-IN DATE <i>7/31/01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>7/31/01</i>	<i>RR</i>
560 A	RE-BARREL AT CUSTOM SHOP	<i>8/1/01</i>	<i>8/1/01 BWI</i>
B	DRILL AND TAP	<i>8/1/01</i>	<i>BWI</i>
C	POLISH		
575	ASSEMBLE	<i>8/1/01</i>	<i>RR</i>
600	PROOF	<i>8/1/01</i>	<i>RR</i>
605	CHECK HEADSPACE	<i>8/1/01</i>	<i>RR</i>
610	DIS-ASSEMBLE GUN	<i>8/1/01</i>	<i>RR</i>
612	MAGNAFLUX	<i>8/3/01</i>	<i>UC</i>
615	ROLLMARK CALIBER		
618	ROTO-BLAST	<i>8/6/01</i>	<i>KB</i>
620	APPLY COATINGS	<i>8-8-01</i>	<i>TE</i>
625 A	FINAL ASSEMBLY	<i>8/13/01</i>	<i>RR</i>
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>8/15/01</i>	<i>AC</i>
655	FINAL INSPECT	<i>8/15/01</i>	<i>RR</i>
660	PACK	<i>8/16/01</i>	<i>BR</i>
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

In: 637 4534

DATE REC'D: 7/3/01

DATE RET'D: 8/15/01

EDITOR: [Signature]

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225321

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	2/1	FB
600	PROOF	2/2/88	Ru
615	MAGNAFLUX BARREL	2/18/88	P/E.
	MAGNAFLUX BOLT	5/13/88	P/E.
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1112

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225321

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	QUALITY AUDIT		
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/23/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/23/88	RW
	C) Inspect Ejector Hole for Chamfer		8/23/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/23/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		24 Aug	J.V. W.B.
	F) Safety on Force	7 $\frac{1}{2}$ 7 $\frac{1}{2}$ 6 $\frac{3}{4}$	24 Aug 88	J.V. WB.
	G) Safety off Force	3 $\frac{1}{4}$ 3 $\frac{1}{2}$ 3 $\frac{1}{4}$	24 Aug 88	J.V. W.B.
	H) Trigger Pull Test & Retainability		24 Aug 88	J.V. W.B.
	I) Firing Pin Indent	.023 .023 .0235	24 Aug 88	J.V. WB.
	J) Assemble Stock		8/25/88	RW
	K) Assemble Swivel Studs		9/13/88	W.B.
	L) Attach Front & Rear Sight Assemblies		9/6/88	RW
	M) Iron Sight Alignment		9/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/6/88	RW
	O) Attach Scope to Rifle	36 R 117 L 47 E	9/8/88	RW
	P) Detach & Attach Scope 20 times		9/8/88	W.B.
640	Gallery Target & Test	13.20	9/9/88	AC.
	A) Optical Clarity of Scope	OK		AC.
645	Inspect for Live Ammo		9/9/88	AC.
655	Final Inspection			
	A) Headspace	OK	9/30/88	G.S.
	B) Trigger Pull	OK	9/30/88	G.S.
	C) Function	OK	9/30/88	G.S.
660	Pack		10-21-88	G.S.

NOTE: MARKS ON CARTRIDGE CASINGS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 6225321

DATE 24 Aug 88

TESTER J. O. W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.18	2.28	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.13	2.28	2.68	
PULL #3	2.50	2.13	2.31	2.70	
PULL #4	2.33	2.20	2.35	2.71	
PULL #5	2.31	2.13	2.30	2.68	
TOTAL	11.94	10.77	11.52	13.46	
AVG.	2.39	2.15	2.30	2.692	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.18		
PULL #2	3.20	3.13		
PULL #3	3.16	3.17		
PULL #4	3.22	3.14		
PULL #5	3.23	3.16		
TOTAL	16.04	15.78		
AVG.	3.21	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.40		4.23
PULL #2	4.25	4.24		4.28
PULL #3	4.30	4.31		4.26
PULL #4	4.31	4.35		4.30
PULL #5	4.35	4.35		4.23
TOTAL	21.47	21.65		21.30
AVG.	4.29	4.33		4.26

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225321

CENTROIDAL DISTANCES

Ø TO	1	1.43219
1 TO	2	2.02021
1 TO	3	1.42087
1 TO	4	1.55651
1 TO	5	.715296

1
5
+ 4<----FOR
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .935
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .955159
THE AMR FOR THIS RIFLE IS: 1.011

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225321

CENTROIDAL DISTANCES

Ø TO	1	1.43219
1 TO	2	2.02021
1 TO	3	1.42087
1 TO	4	1.55651
1 TO	5	.715296

1
S
+ a<----POR
E

AMR = 1.01

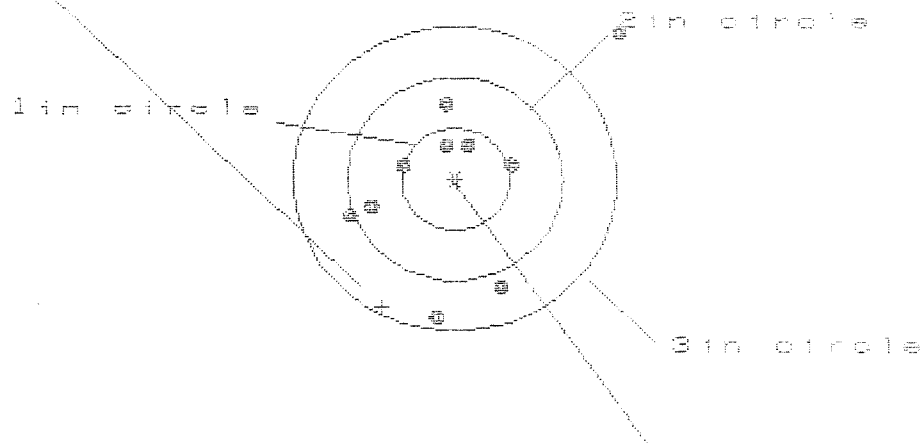
9 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225321

CENTERFIRE PATTERNS

1

POB



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 0

HW = 2.504

VW = 2.883

EW = 3.304

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.542	.681	.683
MINIMUM X	-.992	-.821	-.819
MAXIMUM Y	1.464	.916	.766
MINIMUM Y	-1.369	-1.207	-1.092
CENTROID X	.679	.508	.506
CENTROID Y	1.261	1.099	1.249
POB TO CENTROID in.	1.433	1.210	1.348
MIN RADIUS	.355	.364	.280
MEAN RADIUS	.906	.772	.675
MAX RADIUS	2.126	1.207	1.248
HORIZONTAL SPREAD	2.534	1.502	1.502
VERTICAL SPREAD	2.883	2.123	1.858
EXTREME SPREAD	3.304	2.125	1.921
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

9 Sep 1986

FILE:/PATTERNING/CENTERFIRE_PATT/06225381

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in 0

2 in 0

3 in 0

HS= 1.870

VS= 3.763

GS= 3.770

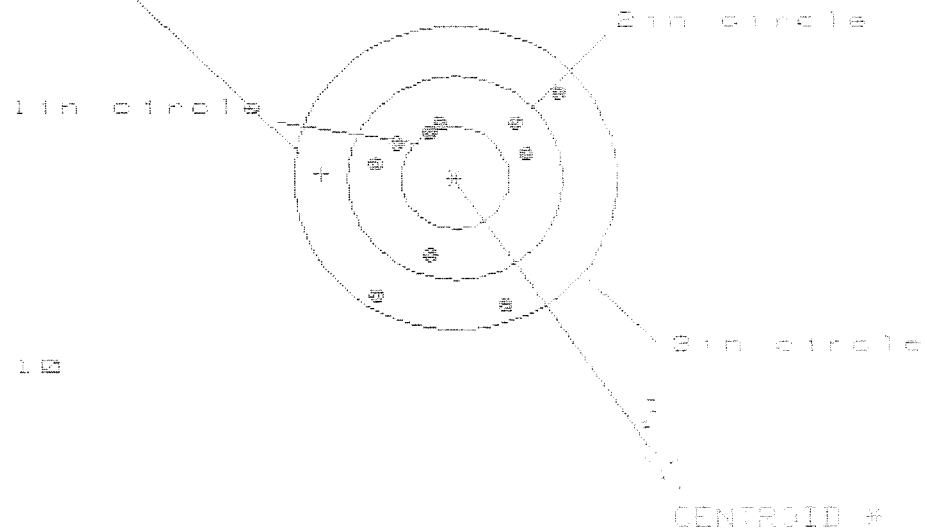
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	1.145	1.168
MINIMUM X	:	-.773	-.827	-.865
MAXIMUM Y	:	1.459	1.203	1.036
MINIMUM Y	:	-2.384	-.617	-.467
CENTROID X	:	.387	.441	.479
CENTROID Y	:	-.738	-.482	-.632
POB TO CENTROID in.	:	.833	.653	.793
MIN RADIUS	:	.282	.400	.262
MEAN RADIUS	:	.965	.820	.738
MAX RADIUS	:	2.354	1.286	1.190
HORIZONTAL SPREAD	:	1.973	1.973	1.973
VERTICAL SPREAD	:	3.763	1.820	1.583
EXTREME SPREAD	:	3.770	2.900	2.633
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225321

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HSE= 1.712

VSE= 2.039

GSE= 2.566

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.936	.852	.899
MINIMUM X	:	-.774	-.809	-.762
MAXIMUM Y	:	.795	.672	.501
MINIMUM Y	:	-1.244	-1.367	-1.002
CENTROID X	:	1.241	1.327	1.280
CENTROID Y	:	-.044	.079	.250
POB TO CENTROID in.	:	1.242	1.329	1.304
MIN RADIUS	:	.495	.419	.247
MEAN RADIUS	:	.847	.764	.634
MAX RADIUS	:	1.358	1.419	1.035
HORIZONTAL SPREAD	:	1.712	1.661	1.661
VERTICAL SPREAD	:	2.039	2.039	1.503
EXTREME SPREAD	:	2.566	2.093	1.897
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06225321

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CR

1in = 3

2in = 5

3in = 7

HSI = 0.888

VSI = 0.768

GSI = 0.839

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.798	1.664	.554
MINIMUM X	-1.202	-1.276	-1.068
MAXIMUM Y	1.433	1.417	1.499
MINIMUM Y	-1.335	-1.176	-1.094
CENTROID X	1.289	1.423	1.215
CENTROID Y	-.171	-.330	-.412
POA TO CENTROID in.	1.301	1.461	1.283
MIN RADIUS	.095	.113	.211
MEAN RADIUS	1.064	.958	.858
MAX RADIUS	1.870	1.907	1.040
HORIZONTAL SPREAD	3.000	2.940	1.622
VERTICAL SPREAD	2.768	2.593	2.593
EXTREME SPREAD	3.239	3.059	3.059
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

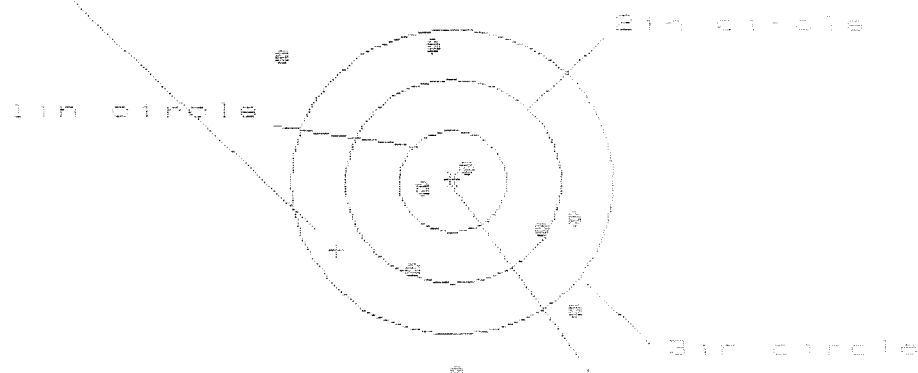
9 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08235321

CENTERFIRE PATTERNS

5

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

MS= 2.745

VS= 4.026

GS= 4.065

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.124	1.659	.947
MINIMUM X	-1.621	-1.687	-1.693
MAXIMUM Y	2.147	1.606	1.785
MINIMUM Y	-1.879	-1.640	-1.461
CENTROID X	1.079	1.145	1.355
CENTROID Y	.668	.429	.208
POA TO CENTROID in.	1.269	1.222	1.378
MIN RADIUS	.163	.385	.589
MEAN RADIUS	1.274	1.152	1.002
MAX RADIUS	2.227	2.212	1.839
HORIZONTAL SPREAD	2.745	2.745	1.541
VERTICAL SPREAD	4.026	3.246	3.246
EXTREME SPREAD	4.065	3.634	3.249
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225321

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		JUL 29 1991	AW
600	Proof		JUL 29 1991	AW
607	Check Headspace		JUL 29 1991	AW
610	Dis-assemble Gun		JUL 29 1991	AW
612	Magnaflux Barrel Action		JUL 30 1991	KCD
	Magnaflux Bolt		JUL 30 1991	KCD
615	Rollmark Caliber		JUL 30 1991	CS
617	Drill and Tap Sight Holes		JUL 30 1991	AB
618	Polish Barrel		JUL 31 1991	WB
620	Apply Coatings (Barrel Action)		AUG 1 1991	TA
	Apply Coating (Bolt)		AUG 1 1991	
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs						9-25-91	DH
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						9-24-91	AC
	A) Time						9-24-91	AC
	B) Malfunctions						9-24-91	AC
	C) Pierced Primers						9-24-91	AC
	D) Optical Clarity of Scope						9-24-91	AC
645	Inspect for Live Ammo						9-24-91	AC
655	Final Inspection						9-25-91	DH
	A) Headspace							
	B) Trigger Pull	2.31	2.21	2.33	2.44	2.31	9/24/91	RW
	C) Function						9-25-91	DH
660	Pack						9/25/91	WB

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225321
24 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.294187
1 TO	2	.104048
1 TO	3	.387114
1 TO	4	.433582
1 TO	5	.0982344

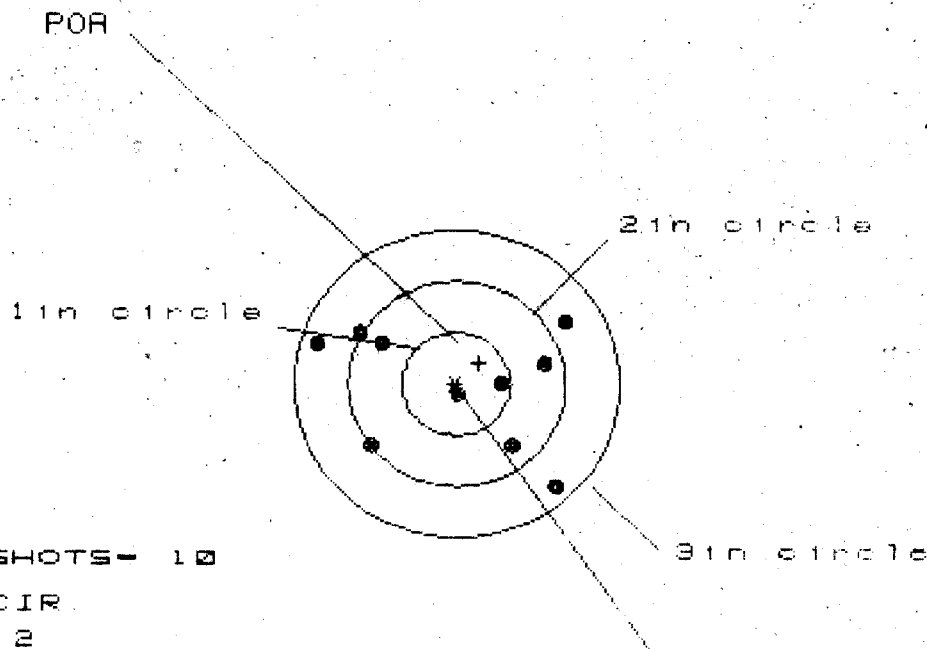
4
POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159078
THE AMR FOR THIS RIFLE IS: .8974

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8225321

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.360

VS= 1.534

GS= 2.630

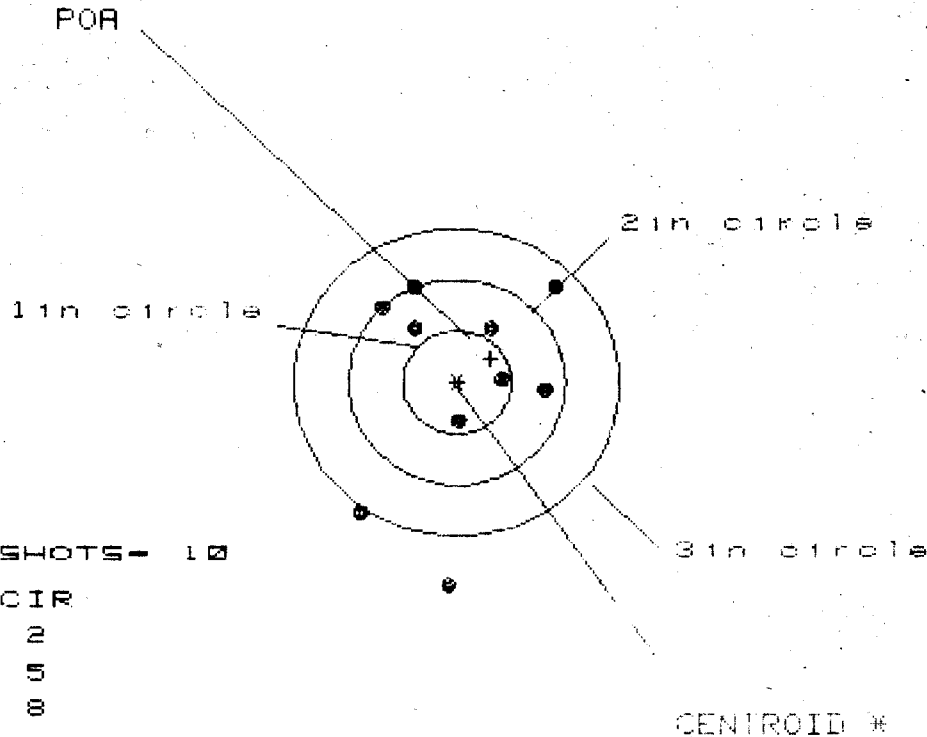
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.037	.889	.981
MINIMUM X	:	-1.331	-1.073	-.981
MAXIMUM Y	:	.557	.606	.490
MINIMUM Y	:	-.977	-.928	-.652
CENTROID X	:	-.211	-.063	-.155
CENTROID Y	:	-.205	-.254	-.138
POR TO CENTROID in.	:	.294	.262	.208
MIN RADIUS	:	.077	.103	.130
MEAN RADIUS	:	.875	.795	.752
MAX RADIUS	:	1.402	1.221	1.097
HORIZONTAL SPREAD	:	2.368	1.962	1.962
VERTICAL SPREAD	:	1.534	1.534	1.142
EXTREME SPREAD	:	2.630	2.357	2.124
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 8

HS- 1.875

VS- 2.860

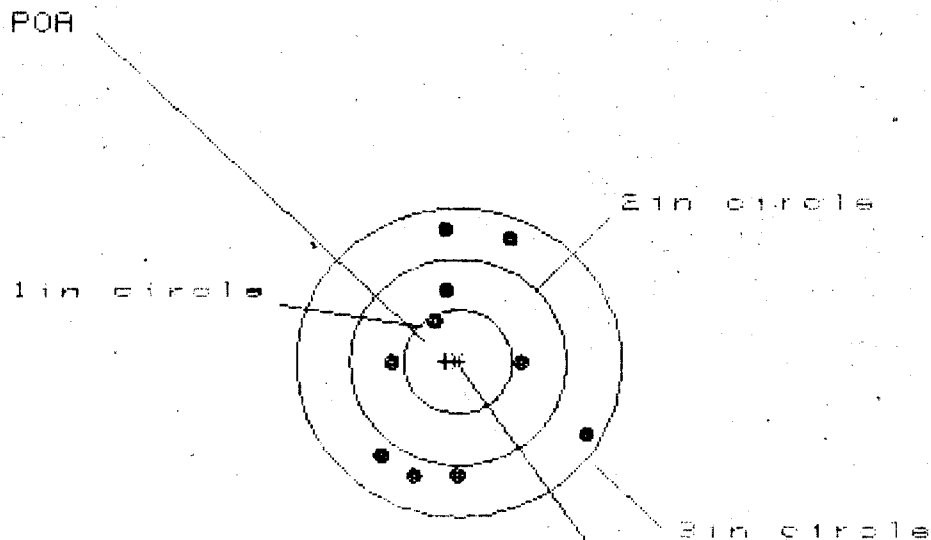
GS- 2.993

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.934	.816
MINIMUM X	:	-.935	-.941	-.825
MAXIMUM Y	:	.935	.721	.539
MINIMUM Y	:	-1.925	-1.454	-.772
CENTROID X	:	-.312	-.306	-.188
CENTROID Y	:	-.230	-.016	.166
POA TO CENTROID in.	:	.387	.306	.251
MIN RADIUS	:	.362	.372	.164
MEAN RADIUS	:	.960	.817	.671
MAX RADIUS	:	1.926	1.732	.958
HORIZONTAL SPREAD	:	1.875	1.875	1.641
VERTICAL SPREAD	:	2.860	2.175	1.311
EXTREME SPREAD	:	2.993	2.844	1.725
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

24 Sep 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8225321

CENTERFIRE PATTERNS # 3



* OF SHOTS - 10

* IN CIR

1 in - 1

2 in - 4

3 in - 10

HS - 1.919

VS - 2.471

GS - 2.488

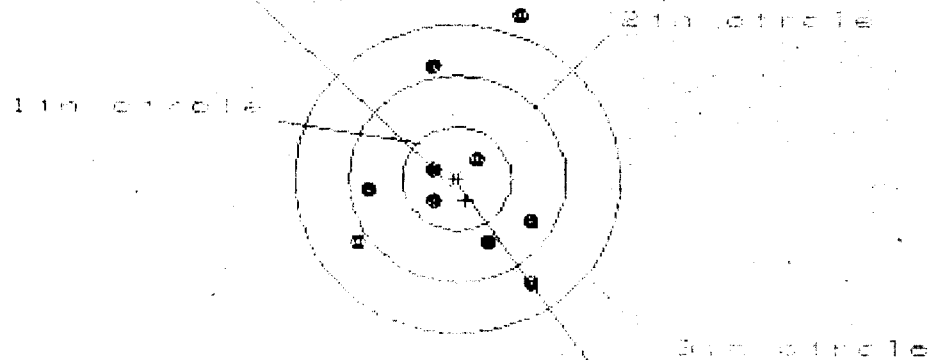
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.194	.671	.668
MINIMUM X	:	-.725	-.592	-.595
MAXIMUM Y	:	1.349	1.276	1.259
MINIMUM Y	:	-1.122	-1.195	-1.036
CENTROID X	:	.118	-.015	-.012
CENTROID Y	:	-.001	.072	-.087
POA TO CENTROID in.	:	.118	.074	.088
MIN RADIUS	:	.423	.316	.457
MEAN RADIUS	:	.964	.898	.856
MAX RADIUS	:	1.364	1.276	1.386
HORIZONTAL SPREAD	:	1.919	1.263	1.263
VERTICAL SPREAD	:	2.471	2.471	2.295
EXTREME SPREAD	:	2.488	2.488	2.463
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Sep 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS - 10

IN CIR.

1in = 3

2in = 6

3in = 9

HS = 1.593

VS = 2.604

GS = 2.615

CENTROID #

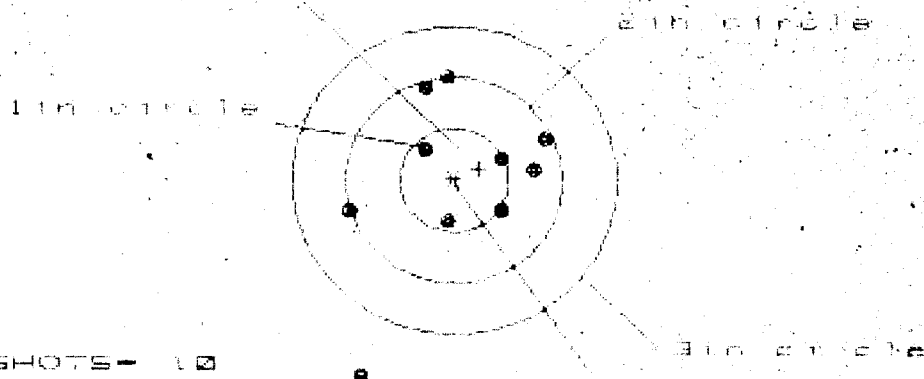
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.698	.761	.850
MINIMUM X	-.895	-.832	-.743
MAXIMUM Y	1.570	1.258	1.150
MINIMUM Y	-1.034	-.859	-.575
CENTROID X	-.079	-.142	-.231
CENTROID Y	.208	.033	.141
POA TO CENTROID in.	.222	.146	.370
MIN RADIUS	.269	.144	.167
MEAN RADIUS	.828	.714	.651
MAX RADIUS	1.668	1.264	1.151
HORIZONTAL SPREAD	1.593	1.593	1.593
VERTICAL SPREAD	2.604	2.117	1.725
EXTREME SPREAD	2.615	2.276	1.828
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

24 Sep 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 5

FOR



* OF SHOTS - 10

IN CIR

1th - 3

2th - 8

3th - 9

HS - 1.820

VS - 2.962

GS - 3.070

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.883	.785	.764
MINIMUM X	-.937	-1.035	-1.036
MAXIMUM Y	1.043	.830	.736
MINIMUM Y	-1.913	-.617	-.510
CENTROID X	-.236	-.138	-.117
CENTROID Y	-.110	.100	-.081
FOR TO CENTROID IN.	.260	.172	.117
MIN RADIUS	.400	.355	.345
MEAN RADIUS	.860	.684	.658
MAX RADIUS	2.111	1.152	1.130
HORIZONTAL SPREAD	1.820	1.820	1.800
VERTICAL SPREAD	2.962	1.447	1.299
EXTREME SPREAD	3.070	1.754	1.754
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

CUST NO: 046771 C.O.D

COMMENTS
M-24 SNIPER

INITIAL
JJM

CUSTOMER ORDER NO.
006254

DATE RECEIVED 07/29/91	DATE OPENED 07/29/91	DATE CODE KI 5-88	SERIAL NUMBER C6225321	MODEL AND GRADE 700 7.62	NATO	ORDER R 91-14519
---------------------------	-------------------------	----------------------	---------------------------	-----------------------------	------	---------------------

ACCESSORIES W/STUDS SCOPE BASE

FROM:

CD D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC 28307
USA

SHIP TO:

CD D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC
USA 28307

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA DOOR
----------------	--------------------	--------------------------------	------------	------------	-----------	-------------

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	-----	-----------	-----	-------------	-------

GUN CONDITION:

☐ NEW ☐ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

- 1) NEW BARREL
- 2) REPOWDER - CONT TRIGGER GUARD
- 3) CLEAN FIRE CONTROL

PARTS

REPAIRMAN <i>Rai</i>	PROOF <i>✓</i>	CLEAN <i>K</i>	TEST <i>K</i>	TARGET <i>K</i>	PATTERN
GALLERY TESTER <i>K</i>	DATE 7/29/91	DATE Sept. 21	DATE Sept 21	DATE Sept 21	DATE

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400119121

LIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-08697INITIAL
JJMCUSTOMER ORDER NO.
9493

M-24 SNIPER

DATE RECEIVED
03/14/95DATE OPENED
03/14/95DATE CODE
DL 7-91SERIAL NUMBER
C6225321

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPARTMENT OF THE ARMY
COMMANDER
D CO 2ND BN 1ST SWTG
FORT BRAGG

NC 28307

SHIP TO:

DEPARTMENT OF THE ARMY
COMMANDER
CO 2ND BN 1ST SWTG
FORT BRAGG

NC

28307

CUST NO: 092876 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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.	New	B4 Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Barrel 96003 Repowder Coat - Trigger Guard
Front Sight Mounting Base 96011 Assy. of Rear Sight Mounting Base
Mag Spring 15697 Re zinc - Scope Base, & Swivel
Studs

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400119122

PAYMENT:

Mastercard / Visa (circle one)

Card #: _____

Exp. Date: _____

Signature: _____

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 009493DATE 3/13/95CUSTOMER NAME: US ARMYADDRESS: 1010 2nd Ave 1st SWTCFt Bragg NCZIP: 28307PHONE: 910-432-9037FIREARM MODEL: M-24GAUGE: 7.62SERIAL # C6225321

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

CHECK FOR AMMUNITION ☒

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES ☐ NO ☒ (BRAND NAME/POWER) _____SLING: YES ☐ NO ☒ GUN CASE: YES ☐ NO ☒ (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: scope base
RecommendationSIGNATURE: _____
(Person delivering firearm to Plant)DATE: 13 MAR 95SIGNATURE: _____
(Security Officer)DATE: 3/13/95SIGNATURE: _____
(Firearm picked up by)DATE: 3-14-95

Arm Service Copy

Final Inspection

Sn: C6225321

DATE REC'D: 3/14/95

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

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

Item:

Stock Assy.

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

Scope Assy.

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☐ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225321

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/16/95	RW
600	Proof		3/16/95	RW
607	Check Headspace		3/16/95	RW
610	Dis-assemble Gun		3/16/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/31/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/31/95	RW
	C) Inspect Ejector Hole for Chamfer		3/31/95	RW
	D) Oil Firing Pin Ass'y		3/31/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/3/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/3/95	RW
655	Final Inspection			
	A) Headspace		4/3/95	RW
	B) Trigger Pull			
	C) Function		4/3/95	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225321
22 May 1995

CENTROIDAL DISTANCES

0 TO	1	.187627
1 TO	2	.218277
1 TO	3	.397397
1 TO	4	.148125
1 TO	5	.52182

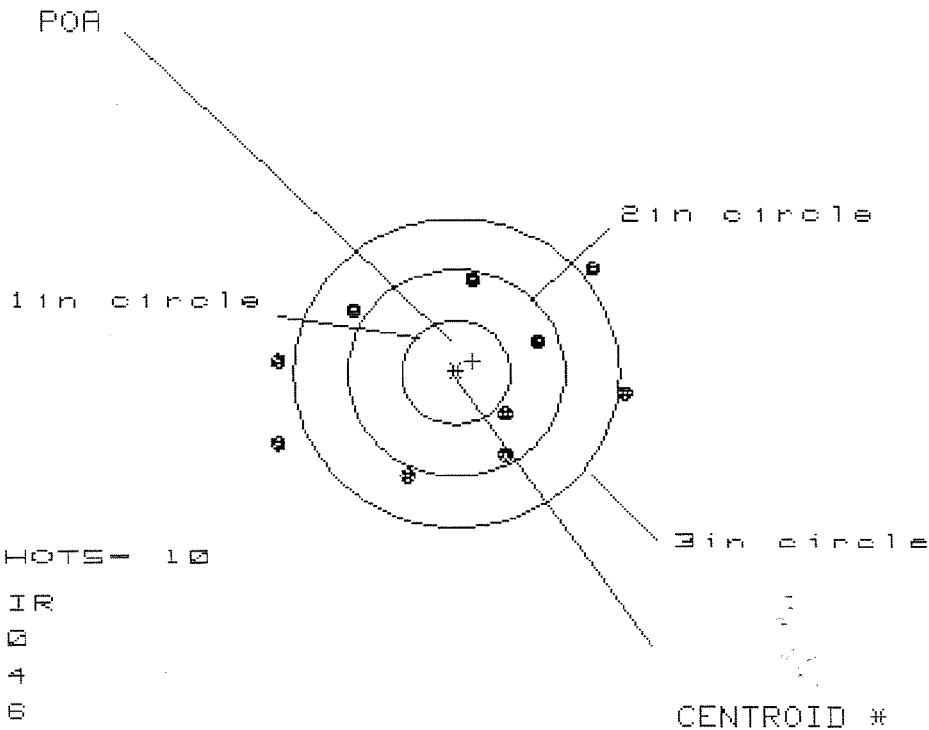
4.5
4.3 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0508
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0616
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0798448
THE AMR FOR THIS RIFLE IS: 1.167

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 3.158

VS= 1.975

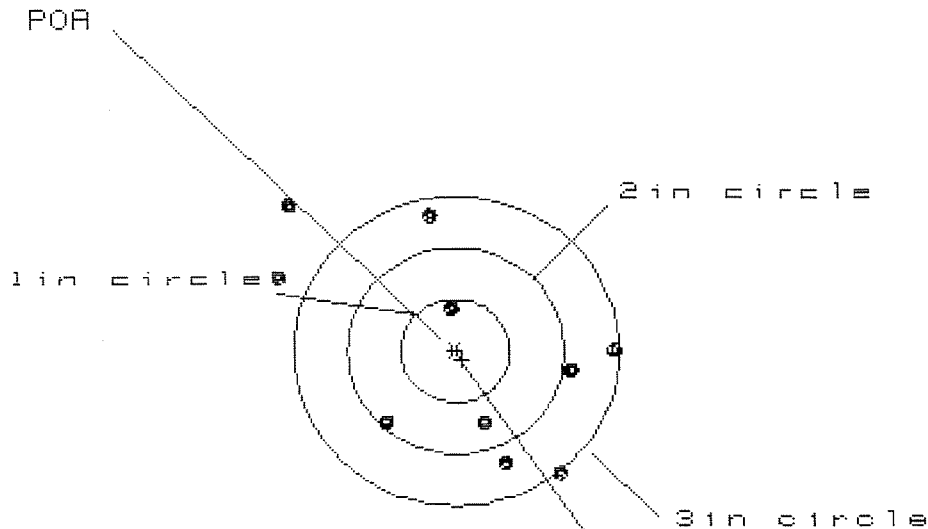
GS= 3.365

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.522	1.341	1.480
MINIMUM X	:	-1.636	-1.789	-1.650
MAXIMUM Y	:	1.010	.939	.999
MINIMUM Y	:	-.965	-1.036	-.919
CENTROID X	:	-.152	.029	-.110
CENTROID Y	:	-.110	-.039	-.156
POA TO CENTROID in.	:	.188	.049	.191
MIN RADIUS	:	.622	.560	.559
MEAN RADIUS	:	1.203	1.114	1.071
MAX RADIUS	:	1.758	1.789	1.655
HORIZONTAL SPREAD	:	3.158	3.130	3.130
VERTICAL SPREAD	:	1.975	1.975	1.918
EXTREME SPREAD	:	3.365	3.139	3.139
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.127

VS= 2.597

GS= 3.617

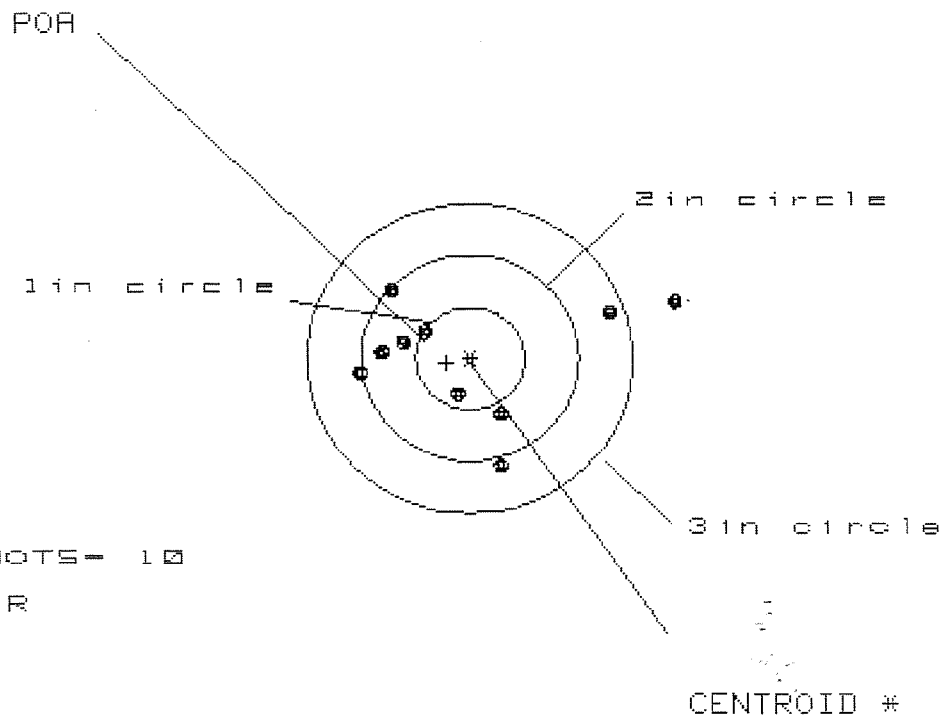
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.298	1.070
MINIMUM X	:	-1.656	-1.829	-1.091
MAXIMUM Y	:	1.372	1.496	1.607
MINIMUM Y	:	-1.225	-1.072	-.961
CENTROID X	:	-.058	.115	.343
CENTROID Y	:	.087	-.066	-.177
POA TO CENTROID in.	:	.104	.132	.386
MIN RADIUS	:	.428	.579	.497
MEAN RADIUS	:	1.271	1.146	.991
MAX RADIUS	:	2.073	2.034	1.737
HORIZONTAL SPREAD	:	3.127	3.127	2.161
VERTICAL SPREAD	:	2.597	2.568	2.568
EXTREME SPREAD	:	3.617	3.274	2.843
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225321

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.864

VS= 1.709

GS= 2.945

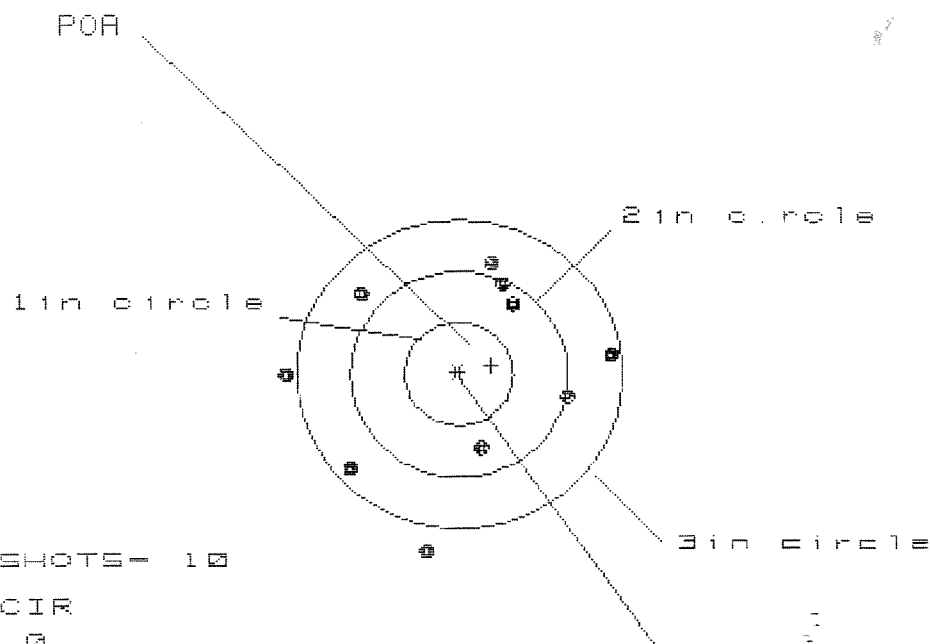
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.845	1.502	.674
MINIMUM X	:	-1.019	-.814	-.626
MAXIMUM Y	:	.647	.710	.772
MINIMUM Y	:	-1.063	-.999	-.938
CENTROID X	:	.216	.011	-.177
CENTROID Y	:	.040	-.024	-.085
POA TO CENTROID in.	:	.219	.026	.196
MIN RADIUS	:	.370	.330	.327
MEAN RADIUS	:	.932	.763	.626
MAX RADIUS	:	1.932	1.581	1.155
HORIZONTAL SPREAD	:	2.864	2.316	1.300
VERTICAL SPREAD	:	1.709	1.709	1.709
EXTREME SPREAD	:	2.945	2.379	1.995
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225321

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.986

VS= 2.792

GS= 2.994

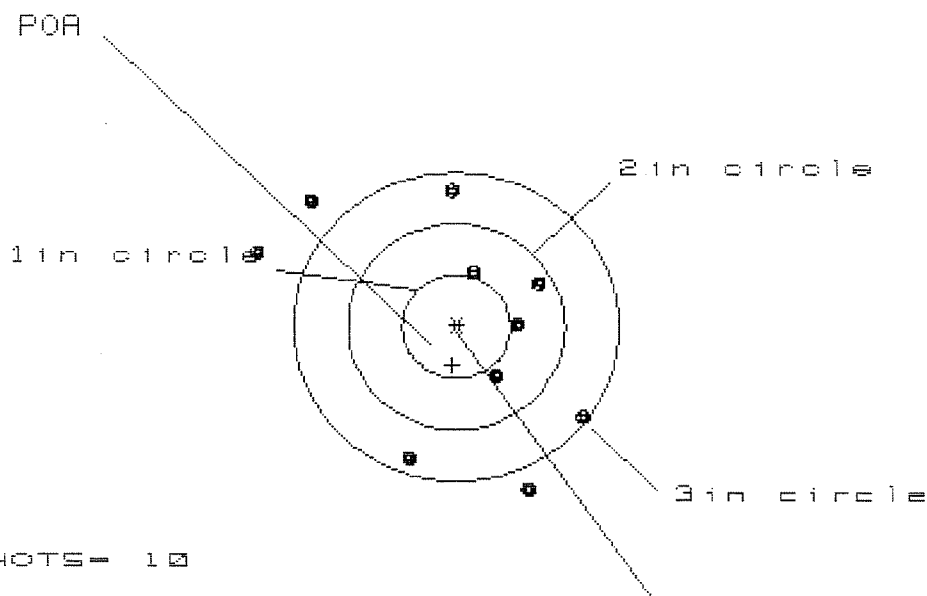
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.404	1.370	1.168
MINIMUM X	:	-1.582	-1.616	-1.211
MAXIMUM Y	:	1.068	.877	.854
MINIMUM Y	:	-1.724	-1.148	-1.171
CENTROID X	:	-.298	-.264	-.062
CENTROID Y	:	-.085	.106	.129
POA TO CENTROID in.	:	.310	.285	.144
MIN RADIUS	:	.733	.645	.504
MEAN RADIUS	:	1.198	1.107	.999
MAX RADIUS	:	1.750	1.626	1.685
HORIZONTAL SPREAD	:	2.986	2.986	2.379
VERTICAL SPREAD	:	2.792	2.025	2.025
EXTREME SPREAD	:	2.994	2.994	2.656
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225321

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.992

VS= 2.985

GS= 3.461

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.150	.945	.749
MINIMUM X	:	-1.842	-1.572	-.843
MAXIMUM Y	:	1.370	1.455	1.617
MINIMUM Y	:	-1.615	-1.530	-1.369
CENTROID X	:	.038	.243	.439
CENTROID Y	:	.376	.291	.129
POA TO CENTROID in.	:	.378	.379	.458
MIN RADIUS	:	.528	.400	.198
MEAN RADIUS	:	1.231	1.093	.927
MAX RADIUS	:	1.994	2.035	1.689
HORIZONTAL SPREAD	:	2.992	2.517	1.592
VERTICAL SPREAD	:	2.985	2.985	2.985
EXTREME SPREAD	:	3.461	3.461	3.071
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374627
13 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .329
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .361747

THE AMR FOR THIS RIFLE IS: 1.159

CENTROIDAL DISTANCES

0 TO	1	.26414
1 TO	2	.256628
1 TO	3	.0766877
1 TO	4	.0799062
1 TO	5	.230489

2
345
+ <----POA

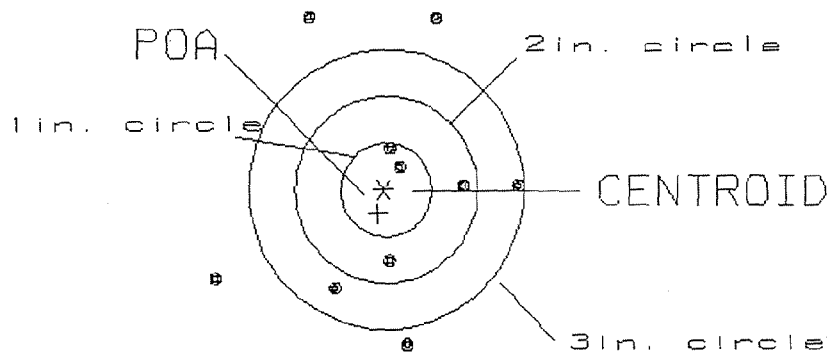
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .264
 MIN RADIUS : .253
 MEAN RADIUS : 1.250
 MAX RADIUS : 2.105
 CENTROID X : .061
 CENTROID Y : .257

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374627

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.30
 VS= 3.53
 GS= 3.71

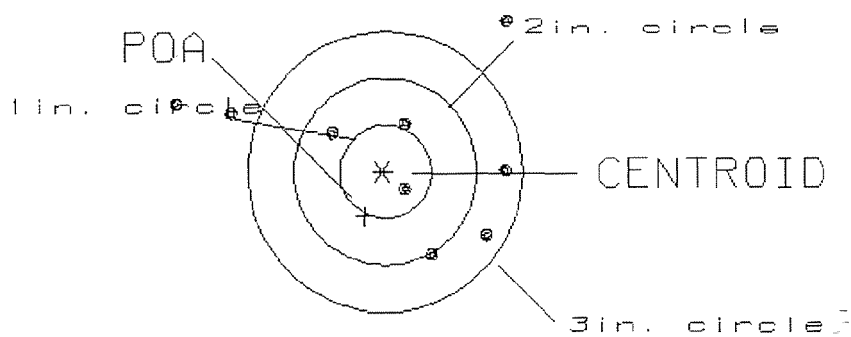
2
 4
 6

PATTERN #: 2
 POA TO CENTROID: .516
 MIN RADIUS : .250
 MEAN RADIUS : 1.376
 MAX RADIUS : 2.421
 CENTROID X : .188
 CENTROID Y : .480

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374627

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.65

1

VS= 3.91

3

GS= 4.18

6

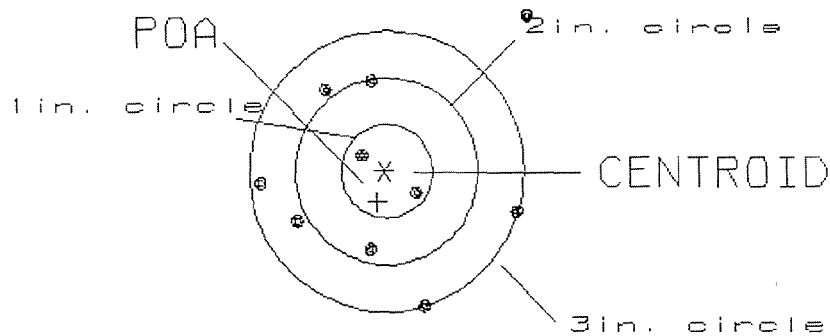
PATTERN #: 3

POA TO CENTROID: .341
 MIN RADIUS : .329
 MEAN RADIUS : 1.125
 MAX RADIUS : 2.243
 CENTROID X : .077
 CENTROID Y : .332

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374627

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.93

2

VS= 3.07

4

GS= 3.39

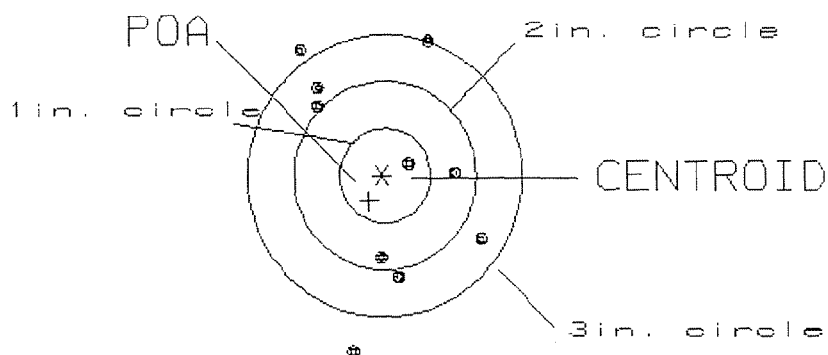
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .303
 MIN RADIUS : .242
 MEAN RADIUS : 1.145
 MAX RADIUS : 1.932
 CENTROID X : .140
 CENTROID Y : .269

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374627

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.01

1

VS= 3.30

4

GS= 3.39

8

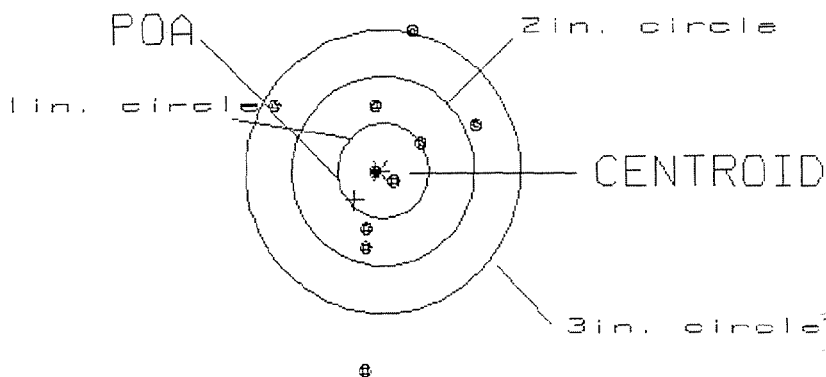
PATTERN #: 5

POA TO CENTROID: .420
 MIN RADIUS : .088
 MEAN RADIUS : .898
 MAX RADIUS : 2.115
 CENTROID X : .286
 CENTROID Y : .307

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374627

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

H3= 2.15

2

VS= 3.56

6

GS= 3.60

9