

E 637 4590

E 637 4590 NEW
C 622 5390 OLD

~~E 637 4590~~

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: **RE00030145** Serial: E6374590 Model 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 7/30/01 1:48:11 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** **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

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1

Repair Search Refresh Close

7/31/01 7:12 AM CAPS NUM BS SCFL

Start Arms Services Repair...

Serial Number: **E6374590**

Model: **700**



RE00030145

New BBL, Bolt

(C6225390)

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6374590
14 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0918$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.004$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.0918871$

THE AMR FOR THIS RIFLE IS: 1.13

CENTROIDAL DISTANCES

Ø TO	1	.402613
1 TO	2	.761001
1 TO	3	.503241
1 TO	4	.415933
1 TO	5	.486004

1
4
35 <----POA
2

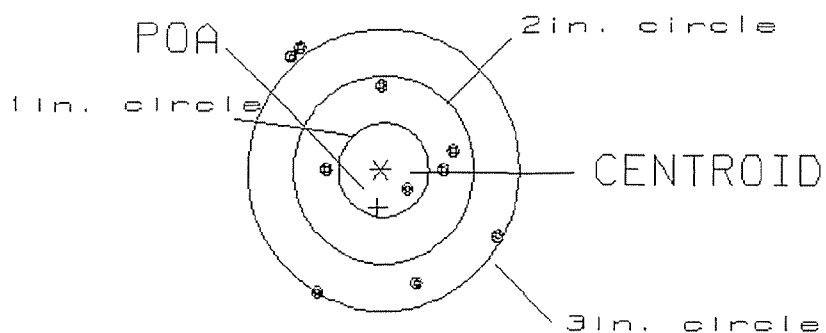
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .403
 MIN RADIUS : .356
 MEAN RADIUS : 1.066
 MAX RADIUS : 1.561
 CENTROID X : .036
 CENTROID Y : .401

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374590

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.28
 VS= 2.58
 GS= 2.94

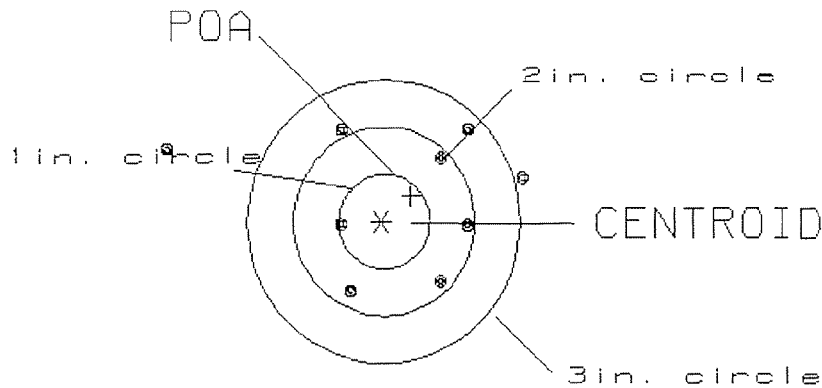
1
 5
 8

PATTERN #: 2
 POA TO CENTROID: .421
 MIN RADIUS : .498
 MEAN RADIUS : 1.315
 MAX RADIUS : 2.594
 CENTROID X : -.323
 CENTROID Y : -.270

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374590

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.88

1

VS= 3.30

5

GS= 3.90

7

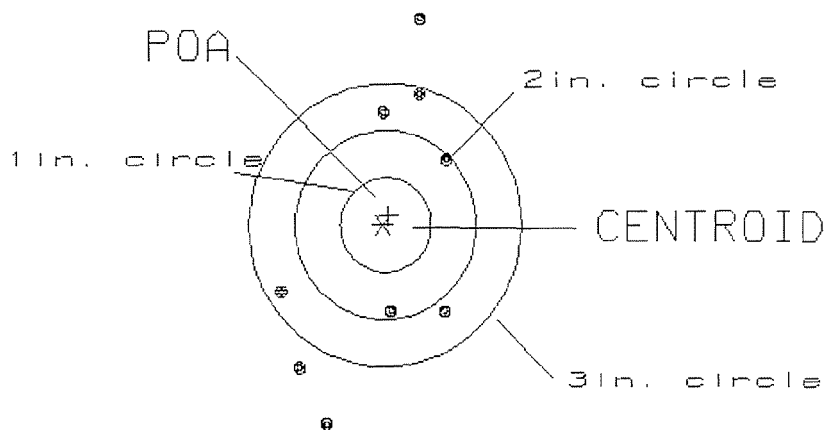
PATTERN #: 3

POA TO CENTROID: .111
 MIN RADIUS : .913
 MEAN RADIUS : 1.404
 MAX RADIUS : 2.272
 CENTROID X : -.060
 CENTROID Y : -.093

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374590

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.82
 VS= 4.37
 GS= 4.48

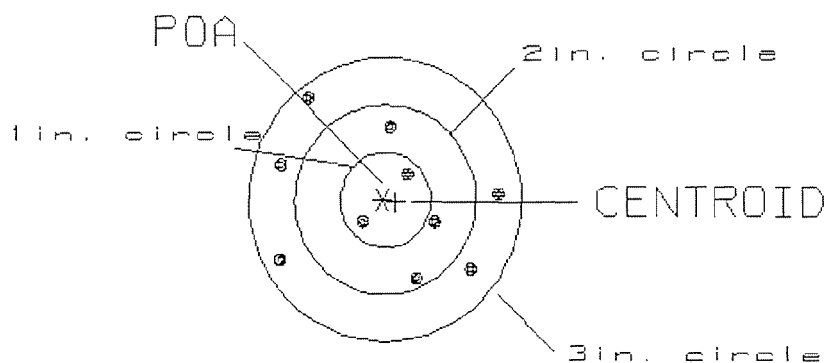
0
 3
 7

PATTERN #: 4
 POA TO CENTROID: .148
 MIN RADIUS : .288
 MEAN RADIUS : .943
 MAX RADIUS : 1.356
 CENTROID X : -.146
 CENTROID Y : .027

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374590

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.47

2

VS= 1.95

5

GS= 2.58

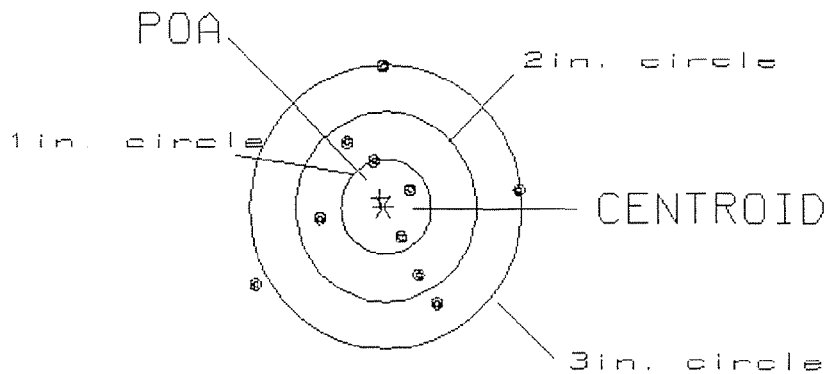
10

PATTERN #: 5
 POA TO CENTROID: .091
 MIN RADIUS : .325
 MEAN RADIUS : .921
 MAX RADIUS : 1.632
 CENTROID X : .034
 CENTROID Y : -.085

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374590

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

MS= 2.83

2

VS= 2.46

6

GS= 3.01

9

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

R & E NUMBER			
SERIAL NUMBER 6374930 4390 E 6374590			
LOG-IN DATE 7/31/01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/31/01	RHL
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	RHL
600	PROOF	8/1/01	RHL
605	CHECK HEADSPACE	8/1/01	RHL
610	DIS-ASSEMBLE GUN	8/1/01	RHL
612	MAGNAFLUX	8/3/01	CH
615	ROLLMARK CALIBER		
618	ROTO-BLAST	8/6/01	KO
620	APPLY COATINGS	8-8-01	TA
625 A	FINAL ASSEMBLY	8/13/01	RHL
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	RHL
660	PACK	8/16/01	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

In: E6374590

DATE REC'D: 7/31/01

DATE RET'D: 8/15/01

EDITOR: RH

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:

88299

5081

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225390*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
600	PROOF	<i>1/28/88</i>	<i>RLW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>DJC</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>p/c</i>
620	COATING	<i>8/11/78</i>	<i>TJA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1078

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225390

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
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		8/25/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/25/88	RW
	C) Inspect Ejector Hole for Chamfer		8/25/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/25/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		25aug88	JU + JS
	F) Safety on Force	5.75 5.5 4.5	25aug88	J.U. + JS
	G) Safety off Force	3 3 3	25aug88	J.U. + JS
	H) Trigger Pull Test & Retainabilty		25aug88	J.U. + JS
	I) Firing Pin Indent	.022 .023 .023	25aug88	J.U. + JS
	J) Assemble Stock		9/26/88	RW
	K) Assemble Swivel Studs		10-12-88	JS
	L) Attach Front & Rear Sight Assemblies		9/26/88	RW
	M) Iron Sight Alignment		9/26/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/26/88	RW
	O) Attach Scope to Rifle	62 R 93L	10/1/88	D.W
	P) Detach & Attach Scope 20 times	op	9/1/88	JS
640	Gallery Target & Test	OK	10/4/88	J.E.S
	A) Optical Clarity of Scope		10/4/88	JS
645	Inspect for Live Ammo		10/4/88	JS
655	Final Inspection			
	A) Headspace		10-12-88	JS
	B) Trigger Pull		10-14-88	JS
	C) Function		10-12-88	JS
660	Pack		10-21-88	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225390

DATE 25 Aug 88

TESTER J. C. + G. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.37	2.62	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.75	2.53	2.66	2.90	
PULL #3	2.64	2.48	2.65	2.93	
PULL #4	2.57	2.52	2.68	2.96	
PULL #5	2.87	2.46	2.68	2.74	
TOTAL	13.23	12.36	13.29	14.29	
AVG.	2.646	2.472	2.658	2.858	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.18		
PULL #2	3.16	3.20		
PULL #3	3.13	3.23		
PULL #4	3.11	3.24		
PULL #5	3.25	3.25		
TOTAL	15.98	16.10		
AVG.	3.196	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.17		4.19
PULL #2	4.19	4.18		4.22
PULL #3	4.22	4.20		4.19
PULL #4	4.25	4.18		4.20
PULL #5	4.23	4.23		4.21
TOTAL	21.11	20.96		21.07
AVG.	4.222	4.192		4.214

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225390

Peter

CENTROIDAL DISTANCES

0 TO	1	.989223
1 TO	2	.966311
1 TO	3	.608612
1 TO	4	.547198
1 TO	5	.28582

s_1^2
+ <----POB

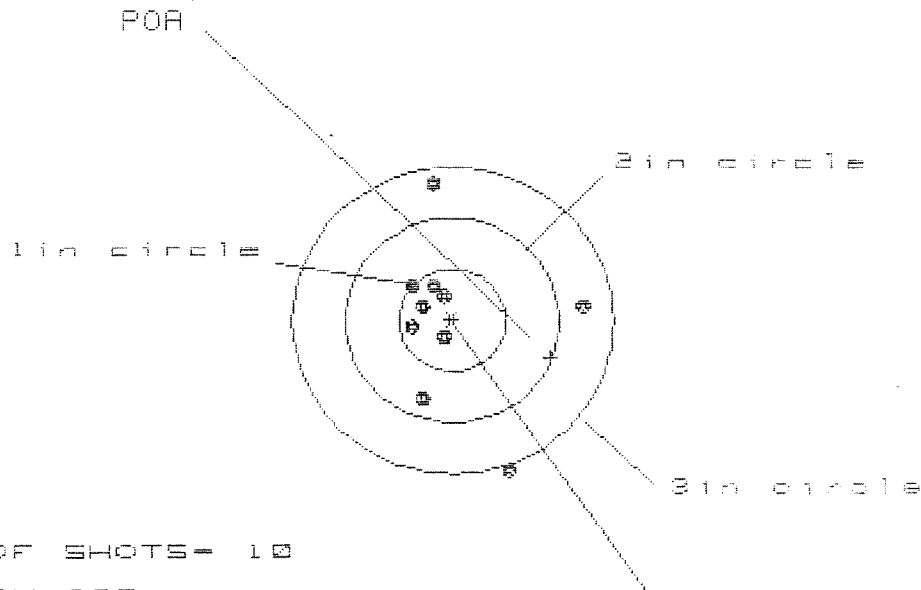
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5708
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .759878
THE AMR FOR THIS RIFLE IS: 1.088

Retest

11 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/6225398

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 5

2in = 7

3in = 9

HS = 1.644

VS = 2.757

GS = 2.862

CENTROID #

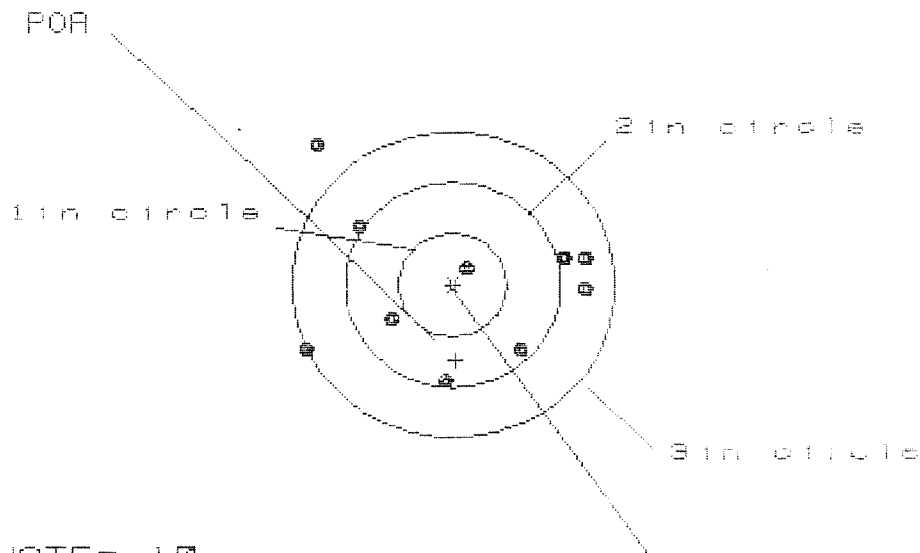
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.221	1.283	1.265
MINIMUM X	:	-.423	-.361	-.379
MAXIMUM Y	:	1.292	1.129	.366
MINIMUM Y	:	-1.465	-.970	-.829
CENTROID X	:	-.921	-.983	-.965
CENTROID Y	:	.361	.524	.383
POA TO CENTROID in.	:	.989	1.114	1.039
MIN RADIUS	:	.163	.119	.181
MEAN RADIUS	:	.701	.569	.501
MAX RADIUS	:	1.569	1.283	1.275
HORIZONTAL SPREAD	:	1.644	1.644	1.644
VERTICAL SPREAD	:	2.757	2.899	1.195
EXTREME SPREAD	:	2.862	2.899	1.768
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

Refer

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225398

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.595

VS= 2.249

GS= 2.848

CENTROID #

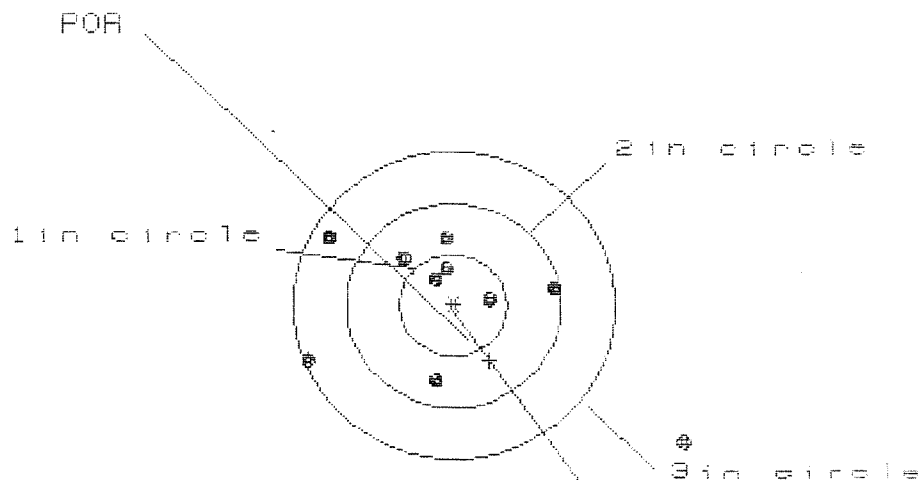
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.054	.861
MINIMUM X	:	-1.399	-1.541	-1.188
MAXIMUM Y	:	1.326	.668	.608
MINIMUM Y	:	-.923	-.776	-.836
CENTROID X	:	-.030	.112	.305
CENTROID Y	:	.735	.588	.648
POA TO CENTROID in.	:	.736	.599	.716
MIN RADIUS	:	.224	.333	.345
MEAN RADIUS	:	1.051	.943	.835
MAX RADIUS	:	1.845	1.614	1.335
HORIZONTAL SPREAD	:	2.595	2.595	2.049
VERTICAL SPREAD	:	2.249	1.444	1.444
EXTREME SPREAD	:	2.848	2.756	2.132
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

Retest

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225398

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 8

HS- 3.513

VS= 2.042

GS= 3.854

CENTROID #

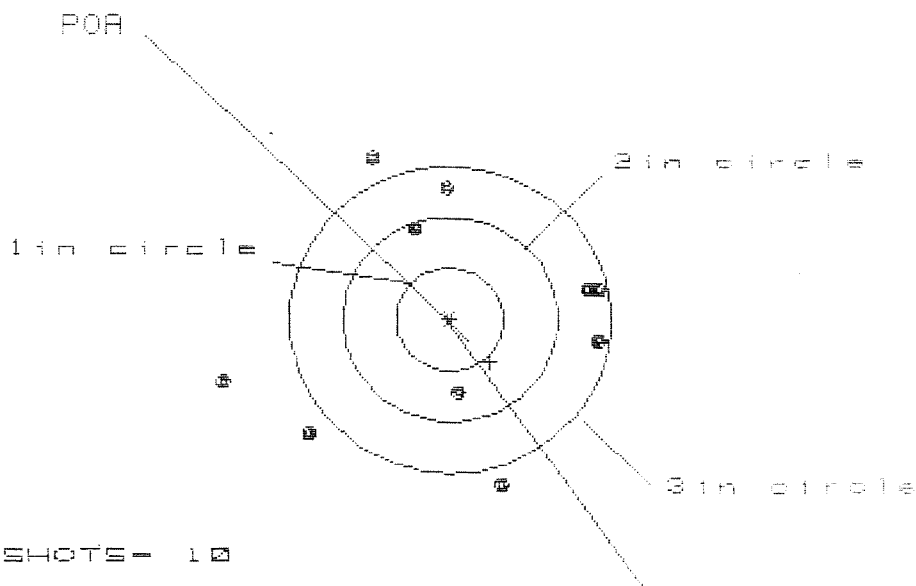
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.104	1.185	1.038
MINIMUM X	:	-1.409	-1.175	-1.079
MAXIMUM Y	:	.678	.527	.442
MINIMUM Y	:	-1.364	-.870	-.955
CENTROID X	:	-.339	-.573	-.426
CENTROID Y	:	.539	.690	.775
POB TO CENTROID in.	:	.637	.897	.884
MIN RADIUS	:	.298	.064	.123
MEAN RADIUS	:	.938	.707	.594
MAX RADIUS	:	2.507	1.356	1.165
HORIZONTAL SPREAD	:	3.513	2.360	2.117
VERTICAL SPREAD	:	2.042	1.397	1.397
EXTREME SPREAD	:	3.854	2.470	2.169
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/B225398

Peter

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 3.488

VS= 3.253

GS= 3.570

CENTROID *

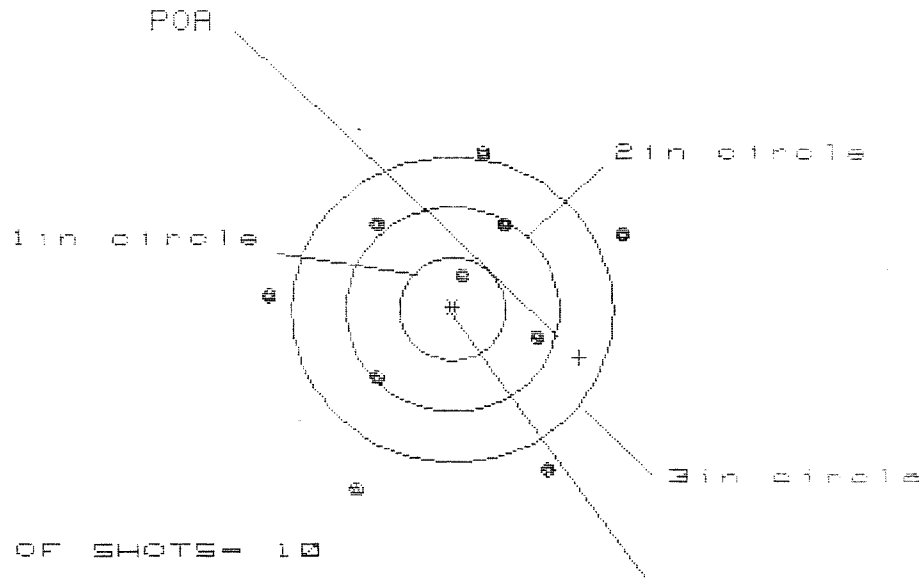
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.423	1.192	1.067
MINIMUM X	:	-2.075	-1.591	-1.716
MAXIMUM Y	:	1.623	1.550	1.423
MINIMUM Y	:	-1.630	-1.703	-1.509
CENTROID X	:	-.376	-.145	-.021
CENTROID Y	:	.410	.483	.289
POA TO CENTROID in.	:	.556	.504	.290
MIN RADIUS	:	.745	.841	.702
MEAN RADIUS	:	1.452	1.338	1.251
MAX RADIUS	:	2.176	1.963	1.965
HORIZONTAL SPREAD	:	3.498	2.783	2.783
VERTICAL SPREAD	:	3.253	3.253	2.932
EXTREME SPREAD	:	3.570	3.478	3.056
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

Re-test

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/8225399

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS = 3.274

VS = 3.296

GS = 3.487

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.570	1.472	1.569
MINIMUM X	:	-1.704	-1.802	-1.705
MAXIMUM Y	:	1.537	1.342	1.125
MINIMUM Y	:	-1.759	-1.736	-1.116
CENTROID X	:	-1.188	-1.090	-1.187
CENTROID Y	:	.463	.658	.875
POA TO CENTROID in.	:	1.275	1.274	1.475
MIN RADIUS	:	.373	.175	.079
MEAN RADIUS	:	1.297	1.178	1.049
MAX RADIUS	:	1.967	1.901	1.734
HORIZONTAL SPREAD	:	3.274	3.274	3.274
VERTICAL SPREAD	:	3.296	3.078	2.241
EXTREME SPREAD	:	3.487	3.327	3.327
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225390

CENTROIDAL DISTANCES

0 TO	1	1.4029
1 TO	2	3.46421
1 TO	3	1.32327
1 TO	4	.594436
1 TO	5	1.10441

2

+ (----POB
1 4
5
3

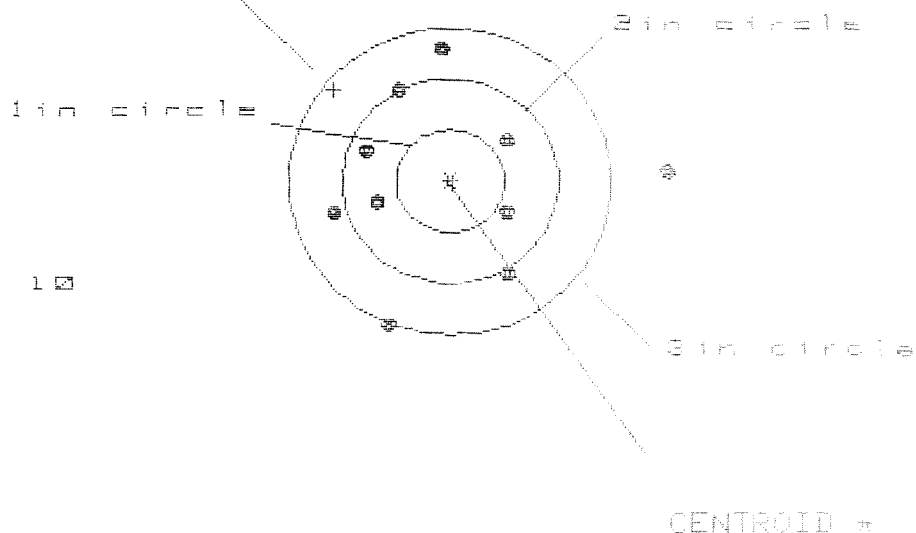
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .811
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.8766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.19421
THE AMR FOR THIS RIFLE IS: 1.02

5 Oct 1986

FILE:/PATTERNING/CENTERFIRE_PATT/06225390

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 3.136

VS = 2.712

GS = 3.152

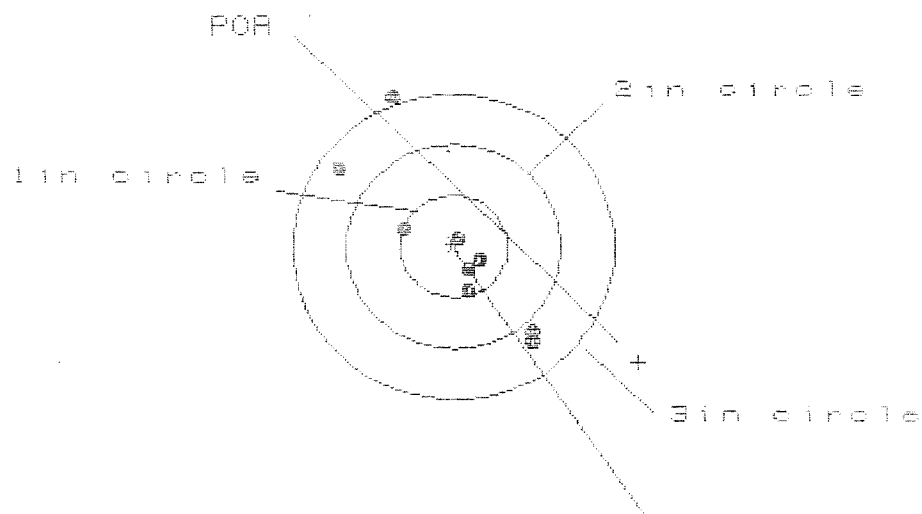
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.066	.780	.740
MINIMUM X	-1.070	-.840	-.880
MAXIMUM Y	1.316	1.322	1.148
MINIMUM Y	-1.396	-1.390	-1.048
CENTROID X	1.077	.847	.887
CENTROID Y	-.899	-.905	-.731
POA TO CENTROID in.	1.403	1.240	1.150
MIN RADIUS	.622	.501	.614
MEAN RADIUS	1.093	.958	.888
MAX RADIUS	2.067	1.426	1.260
HORIZONTAL SPREAD	3.136	1.620	1.620
VERTICAL SPREAD	2.712	2.712	2.196
EXTREME SPREAD	3.152	2.746	2.284
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225390

CENTERFIRE PATTERNS # 2



OF SHOTS- 9

IN CIR

1 in = 5

2 in = 5

3 in = 8

HS= 1.798

VS= 2.436

GS= 2.731

CENTROID #

PATTERN #	2	3	7
SHOTS (BEST OF)	9	8	7
MAXIMUM X	.750	.682	.522
MINIMUM X	-1.048	-1.116	-.670
MAXIMUM Y	1.505	.971	.456
MINIMUM Y	-.931	-.742	-.604
CENTROID X	-1.733	-1.665	-1.505
CENTROID Y	1.127	.938	.800
POR TO CENTROID in.	2.067	1.911	1.705
MIN RADIUS	.062	.071	.088
MEAN RADIUS	.740	.587	.445
MAX RADIUS	1.603	1.479	.810
HORIZONTAL SPREAD	1.733	1.790	1.132
VERTICAL SPREAD	2.436	1.713	1.060
EXTREME SPREAD	2.731	2.437	1.547
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

5 Oct 1980

FILE:/PATTERNING/CENTERFIRE_PATT/G8225380

CENTERFIRE PATTERNS # 3

POB

+

2 in circle

1 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HO = 3.783

VS = 3.496

OS = 4.302

3 in circle

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.806	1.580	1.618
MINIMUM X	:	-1.983	-1.954	-1.916
MAXIMUM Y	:	1.505	1.897	1.870
MINIMUM Y	:	-1.991	-1.824	-1.591
CENTROID X	:	1.397	1.617	1.579
CENTROID Y	:	-2.183	-2.350	-2.123
POB TO CENTROID in.	:	2.592	2.853	2.645
MIN RADIUS	:	1.415	1.556	1.550
MEAN RADIUS	:	1.319	1.200	1.078
MAX RADIUS	:	2.489	1.849	1.769
HORIZONTAL SPREAD	:	3.783	2.534	2.534
VERTICAL SPREAD	:	3.496	2.921	2.461
EXTREME SPREAD	:	4.302	3.250	3.250
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE PATT/08225390

CENTERFIRE PATTERNS # 4

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 8

2 in = 7

3 in = 5

HG = 1.644

VG = 3.614

GG = 3.758

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.813

.720

.734

MINIMUM X

:

-.831

-.645

-.631

MAXIMUM Y

:

1.320

1.865

.752

MINIMUM Y

:

-2.294

-.919

-.786

CENTROID X

:

1.604

1.697

1.688

CENTROID Y

:

-.624

-.369

-.502

POB TO CENTROID in.:

:

1.721

1.736

1.756

MIN RADIUS

:

.393

.124

.258

MEAN RADIUS

:

.937

.733

.693

MAX RADIUS

:

2.440

1.070

1.051

HORIZONTAL SPREAD

:

1.644

1.365

1.365

VERTICAL SPREAD

:

3.614

1.984

1.538

EXTREME SPREAD

:

3.758

1.995

1.745

NUMBER IN ONE INCH CIRCLE =

:

2

NUMBER IN TWO INCH CIRCLE =

:

7

NUMBER IN THREE INCH CIRCLE =

:

9

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.192

VS= 3.306

GS= 3.489

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.144	1.225	1.029
MINIMUM X	:	-1.048	-.967	-.814
MAXIMUM Y	:	2.173	1.225	.471
MINIMUM Y	:	-1.133	-.892	-.739
CENTROID X	:	1.710	1.629	1.476
CENTROID Y	:	-1.804	-2.045	-2.198
POA TO CENTROID in.	:	2.485	2.615	2.648
MIN RADIUS	:	.097	.286	.463
MEAN RADIUS	:	1.010	.848	.745
MAX RADIUS	:	2.291	1.732	1.030
HORIZONTAL SPREAD	:	2.192	2.192	1.843
VERTICAL SPREAD	:	3.306	2.117	1.210
EXTREME SPREAD	:	3.489	2.846	1.903
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-26582

INITIAL CUSTOMER ORDER NO.

WOG 4 OF 7 M-24 ATTN: FRED MARTIN
W/ADJUSTABLE RECOIL PAD

FPS 8326

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/09/93

12/09/93

KI 5-88

C6225390

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

U. S. ARMY
THOMPSON, ALLAN R
CO. D 2ND BN. 1ST SWTG
FT BRAGG

NC 28307

U. S. ARMY
THOMPSON, ALLAN R
CO. D 2ND BN. 1ST SWTG
FT BRAGG

NC 28307

CUST NO: 088383 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.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Returned for New Barrel

PARTS

COMMENTS

Barrel Assy - 96003
Bolt Assy - 96005
Front Sight Mounting Base - 96011

Rezinic - Scope Base + Survival
Studs
Re powder Coat - Floor plate, Latch,
Trigger Guard & Rear Sight Base

W52 H09401/HJ29

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

PD6925 REV 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400118572

CONTRACT # DAAA21-87-C-0086

New Barrel
New Bolt

GUN SERIAL # C6225390

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/16/93	RW
600	Proof		12/16/93	RW
607	Check Headspace		12/16/93	RW
610	Dis-assemble Gun		12/16/93	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		12/28/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/93	RW
	C) Inspect Ejector Hole for Chamfer		12/28/93	RW
	D) Oil Firing Pin Ass'y		12/28/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
5 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						12/29/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						12/29/93	RW
655	Final Inspection						1/3/94	RW
	A) Headspace						1/3/94	RW
	B) Trigger Pull	2.56	2.36	2.52	2.53	2.50	1/3/94	RW
	C) Function						1/3/94	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225390
11 Jan 1994

CENTROIDAL DISTANCES

0 TO	1	.122642
1 TO	2	.514813
1 TO	3	1.00262
1 TO	4	.527516
1 TO	5	.831012

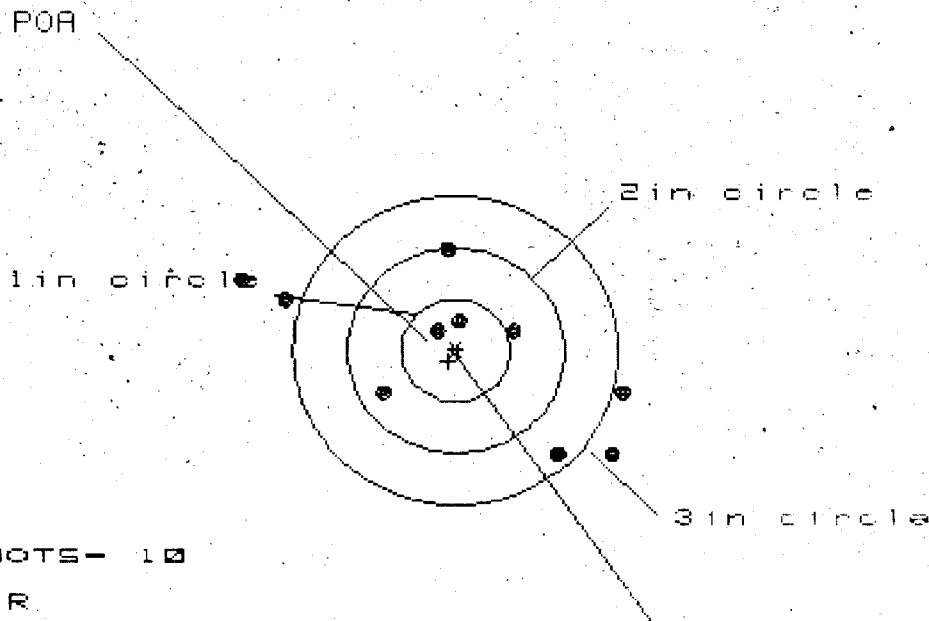
4
2 4
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4258
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .43040
THE AMR FOR THIS RIFLE IS: .9912

11 Jan 1994

FILE: PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 6

HS= 3.583

VS= 1.993

GS= 3.835

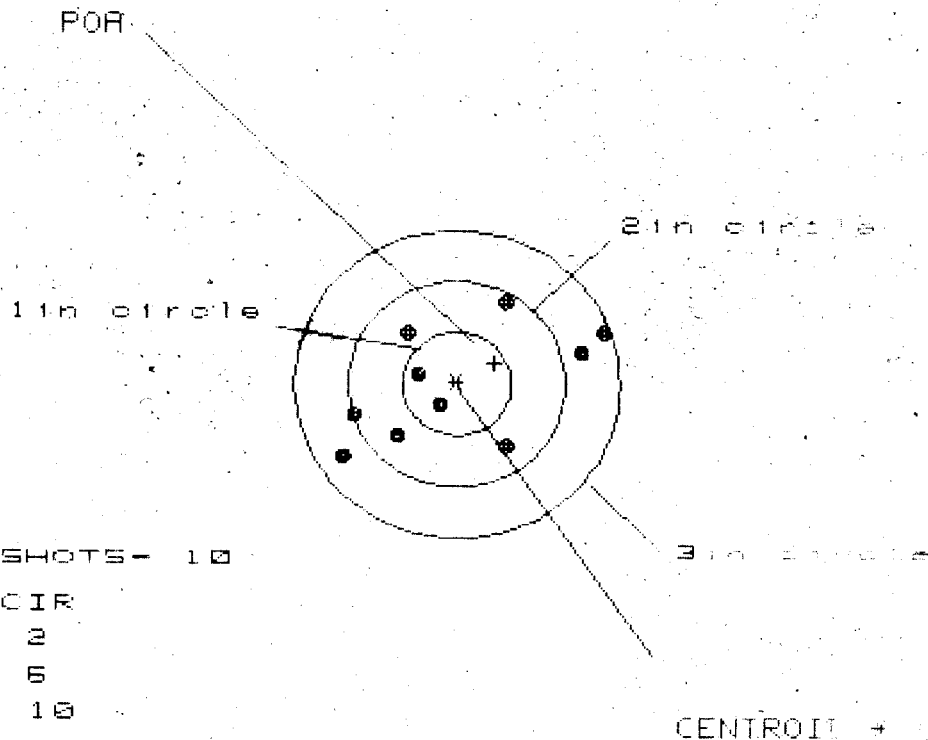
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.579	1.356	1.508
MINIMUM X	-2.005	-1.796	-1.644
MAXIMUM Y	.980	1.055	.937
MINIMUM Y	-1.013	-.938	-1.037
CENTROID X	.065	.288	.136
CENTROID Y	.104	.029	.147
POA TO CENTROID in.	.123	.290	.200
MIN RADIUS	.259	.393	.231
MEAN RADIUS	1.138	1.033	.928
MAX RADIUS	2.115	1.876	1.698
HORIZONTAL SPREAD	3.583	3.152	3.152
VERTICAL SPREAD	1.993	1.993	1.974
EXTREME SPREAD	3.835	3.356	3.269
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

11 Jan 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225380

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.377

VS= 1.518

GS= 2.632

CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	1.312	1.201
MINIMUM X	:	-1.033	-.884	-.923
MAXIMUM Y	:	.850	.982	.825
MINIMUM Y	:	-.668	-.616	-.597
CENTROID X	:	-.349	-.498	-.387
CENTROID Y	:	-.202	-.254	-.177
POR TO CENTROID in.	:	.403	.559	.426
MIN RADIUS	:	.261	.166	.265
MEAN RADIUS	:	.861	.762	.739
MAX RADIUS	:	1.421	1.365	1.238
HORIZONTAL SPREAD	:	2.377	2.196	2.124
VERTICAL SPREAD	:	1.518	1.518	1.422
EXTREME SPREAD	:	2.632	2.410	2.222
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

11 Jan 1994

FILE: PATTERNING/CENTERFIRE_PATT/C6225890

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.719

VS= 2.978

GS= 3.956

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.959
MINIMUM X	-1.760
MAXIMUM Y	1.821
MINIMUM Y	-1.157
CENTROID X	.808
CENTROID Y	-.897
POA TO CENTROID in.	.897
MIN RADIUS	.300
MEAN RADIUS	1.079
MAX RADIUS	2.532
HORIZONTAL SPREAD	2.719
VERTICAL SPREAD	2.978
EXTREME SPREAD	3.956
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

11 Jan 1934

FILE: PATTERNING-CENTERFIRE_PATT-05225359

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTR

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 7

HS= 2.091

VS= 3.107

CS= 3.117

PATTERN #	1	4	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.137	1.188	1.444
MINIMUM X	-.904	-.903	-.754
MAXIMUM Y	1.625	1.123	1.160
MINIMUM Y	-1.482	-1.301	-1.161
CENTROID X	-.062	-.063	-.212
CENTROID Y	-.408	-.589	-.729
POA TO CENTROID in.	.413	.592	.759
MIN RADIUS	.302	.233	.043
MEAN RADIUS	.917	.801	.665
MAX RADIUS	1.625	1.635	1.273
HORIZONTAL SPREAD	2.091	2.091	1.198
VERTICAL SPREAD	3.107	2.424	2.421
EXTREME SPREAD	3.117	2.810	2.435
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

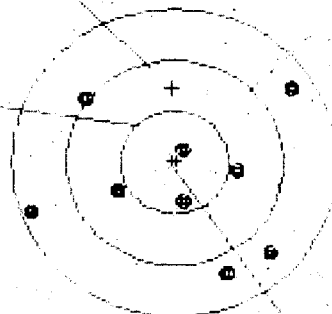
11 Jan 1994

FILED PRINTING DOCUMENT # PAT 080110

CENTERFIRE PATTERN # 5

POA

1 in circle



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.388

VS= 2.805

CS= 2.954

CENTER OF

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.855	1.801	1.807
MINIMUM X	:	-1.303	-1.387	-1.056
MAXIMUM Y	:	1.706	.930	.699
MINIMUM Y	:	-1.039	-.909	-.941
CENTROID X	:	.024	.078	.152
CENTROID Y	:	-.726	-.916	-.834
POA TO CENTROID in.	:	.726	.919	.919
MIN RADIUS	:	.141	.228	.238
MEAN RADIUS	:	.961	.848	.767
MAX RADIUS	:	1.775	1.411	1.251
HORIZONTAL SPREAD	:	2.388	2.388	1.853
VERTICAL SPREAD	:	2.805	1.839	1.839
EXTREME SPREAD	:	2.954	2.666	2.243
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-08704

INITIAL CUS JMER ORDER NO.

M-24 SNIPER

JJM 9497

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/14/95

03/14/95

C6225390

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

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

NC 28307

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

NC
28307

CUST NO: 092874 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
Front Sight mounting Base 96011 Guard Assy, a Rear Sight
mounting Base
ReZinc 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

M2400118581

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. 009497

DATE 3/13/95

CUSTOMER NAME:

US ARMY

ADDRESS:

PO Box 1st SWTC

Ft. Bragg NC

ZIP:

28307

PHONE:

910 432-9037

FIREARM

MODEL:

M-24

GAUGE:

7.62

SERIAL #

C6225390

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE #

DEPT. #

CHECK FOR AMMUNITION

CONDITION:

N/A

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)

scope base

CUSTOMER REQUEST:

Recondition

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

13 MAR 95

SIGNATURE:

(Security Officer)

DATE:

3/13/95

SIGNATURE:

(Firearm picked up by)

DATE:

3-14-95

Arm Service Copy

Final Inspection

Sn: C622539D

DATE REC'D: 3/14/95

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-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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225320

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		3/30/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/95	RW
	C) Inspect Ejector Hole for Chamfer		3/30/95	RW
	D) Oil Firing Pin Ass'y		3/30/95	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					4/1/95	RW
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					4/1/95	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 # C6225390
22 May 1995

CENTROIDAL DISTANCES

0 TO	1	.215128
1 TO	2	.313882
1 TO	3	.779208
1 TO	4	.340243
1 TO	5	.277597

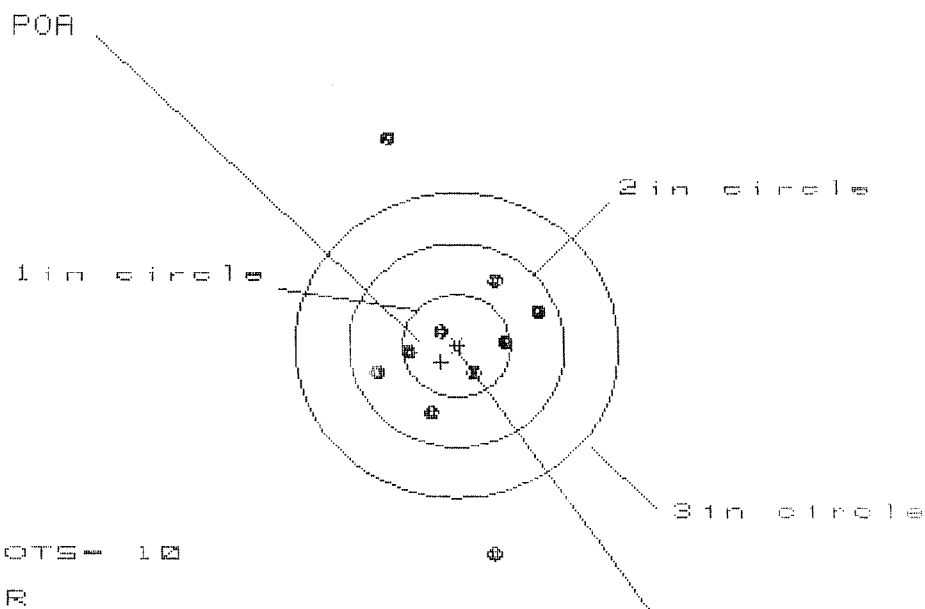
$\frac{51}{2} \frac{4}{3}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1206
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1298
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177179
THE AMR FOR THIS RIFLE IS: .9982

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 8

HS= 1.450

VS= 4.085

GS= 4.216

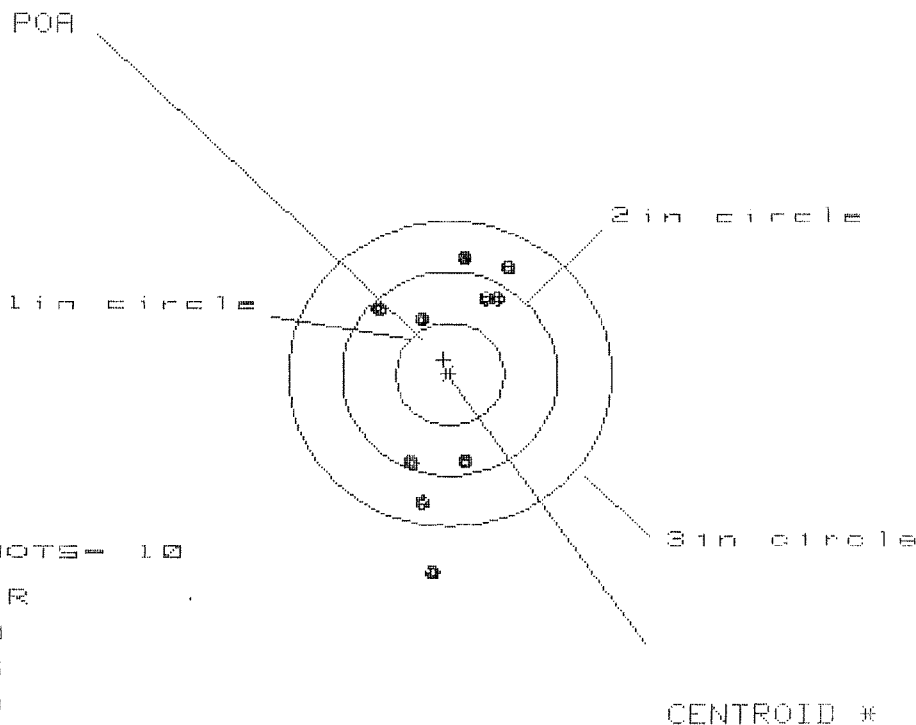
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.753	.682	.723
MINIMUM X	:	-.697	-.768	-.727
MAXIMUM Y	:	2.041	.841	.613
MINIMUM Y	:	-2.044	-1.817	-.611
CENTROID X	:	.146	.217	.176
CENTROID Y	:	.158	-.069	.159
POA TO CENTROID in.	:	.216	.228	.237
MIN RADIUS	:	.203	.131	.219
MEAN RADIUS	:	.860	.722	.547
MAX RADIUS	:	2.139	1.847	.793
HORIZONTAL SPREAD	:	1.450	1.450	1.450
VERTICAL SPREAD	:	4.085	2.658	1.224
EXTREME SPREAD	:	4.216	2.659	1.573
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	8		

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 1.225

VS= 3.032

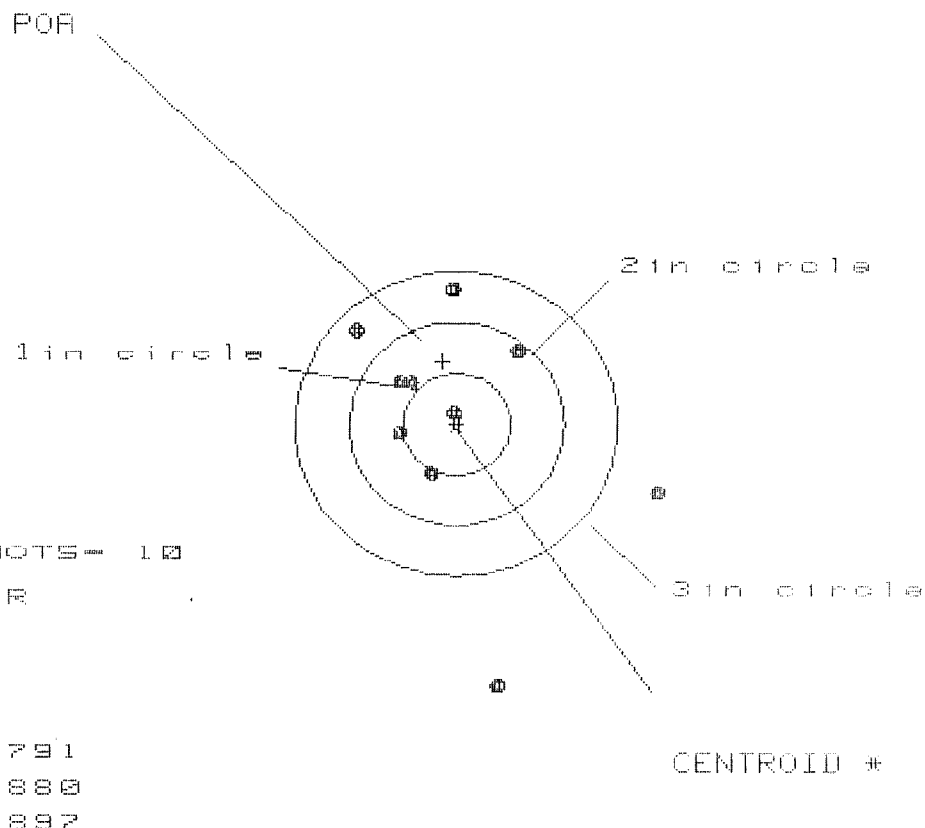
GS= 3.055

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.543	.522	.491
MINIMUM X	:	-.682	-.703	-.734
MAXIMUM Y	:	1.104	.890	.702
MINIMUM Y	:	-1.928	-1.505	-1.277
CENTROID X	:	.057	.078	.109
CENTROID Y	:	-.143	.071	.259
POA TO CENTROID in.	:	.154	.106	.281
MIN RADIUS	:	.629	.449	.340
MEAN RADIUS	:	1.067	.919	.782
MAX RADIUS	:	1.937	1.525	1.309
HORIZONTAL SPREAD	:	1.225	1.225	1.225
VERTICAL SPREAD	:	3.032	2.395	1.979
EXTREME SPREAD	:	3.055	2.448	2.079
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.825	1.863	.873
MINIMUM X	:	-.966	-.928	-.696
MAXIMUM Y	:	1.328	1.044	.918
MINIMUM Y	:	-2.552	-1.807	-.931
CENTROID X	:	.128	.090	-.142
CENTROID Y	:	-.621	-.337	-.211
POA TO CENTROID in.	:	.634	.349	.255
MIN RADIUS	:	.090	.197	.132
MEAN RADIUS	:	1.064	.849	.635
MAX RADIUS	:	2.575	2.117	.952
HORIZONTAL SPREAD	:	2.791	2.791	1.569
VERTICAL SPREAD	:	3.880	2.851	1.849
EXTREME SPREAD	:	3.897	3.246	1.865
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

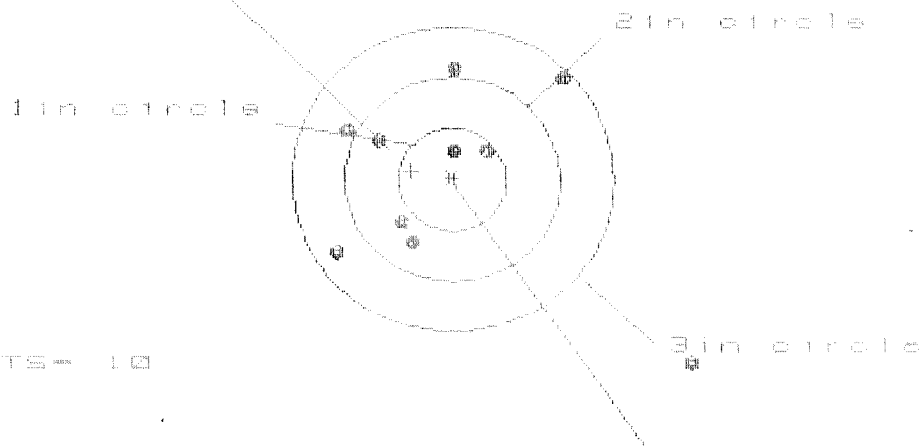
22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225390

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.240

VS= 2.830

GS= 3.984

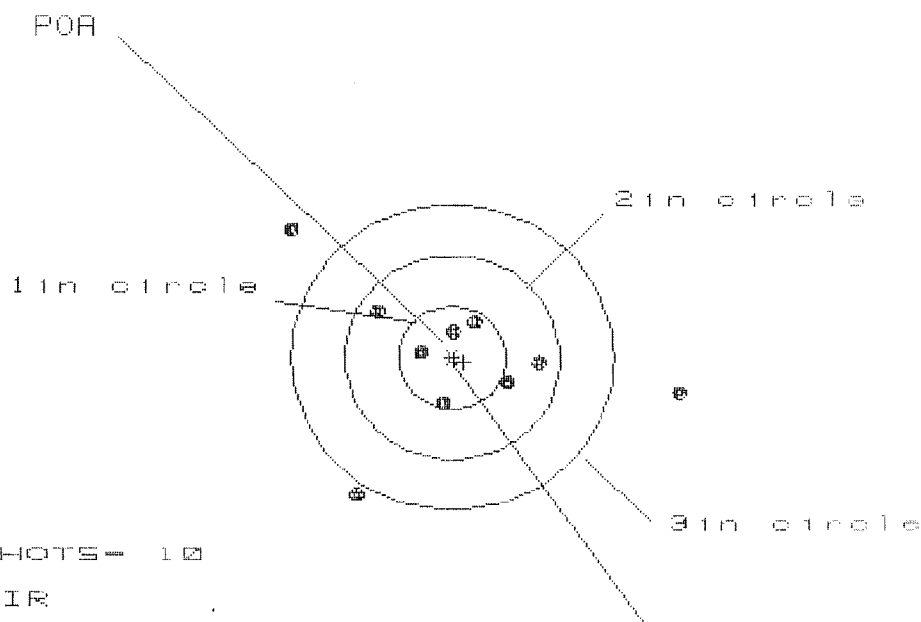
CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.260	1.294	.735
MINIMUM X	:	-1.088	-.837	-.676
MAXIMUM Y	:	1.066	.870	.971
MINIMUM Y	:	-1.764	-.908	-.807
CENTROID X	:	.380	.129	-.032
CENTROID Y	:	-.089	.107	.006
POA TO CENTROID in.	:	.390	.167	.032
MIN RADIUS	:	.316	.334	.367
MEAN RADIUS	:	1.071	.816	.715
MAX RADIUS	:	2.867	1.516	1.055
HORIZONTAL SPREAD	:	3.348	2.121	1.411
VERTICAL SPREAD	:	2.830	1.778	1.778
EXTREME SPREAD	:	3.984	2.727	2.085
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225390

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 4

2in = 7

3in = 7

HS = 3.578

VS = 2.598

GS = 3.882

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.071	.994	.834
MINIMUM X	:	-1.507	-1.277	-.861
MAXIMUM Y	:	1.209	1.176	.610
MINIMUM Y	:	-1.389	-1.422	-1.275
CENTROID X	:	-.108	-.338	-.178
CENTROID Y	:	.046	.079	-.068
POA TO CENTROID in.	:	.117	.347	.191
MIN RADIUS	:	.265	.087	.304
MEAN RADIUS	:	.929	.797	.671
MAX RADIUS	:	2.092	1.736	1.538
HORIZONTAL SPREAD	:	3.578	2.271	1.695
VERTICAL SPREAD	:	2.598	2.598	1.885
EXTREME SPREAD	:	3.882	2.661	2.146
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225390
4 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .065
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1094
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127253

THE AMR FOR THIS RIFLE IS: .9474

CENTROIDAL DISTANCES

0 TO 1	.283833
1 TO 2	.533796
1 TO 3	.496244
1 TO 4	.256383
1 TO 5	.260862

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

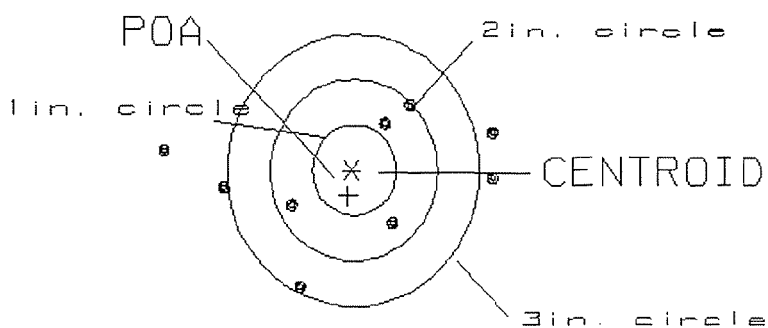
PATTERN #: 1

POA TO CENTROID: .284
 MIN RADIUS : .603
 MEAN RADIUS : 1.229
 MAX RADIUS : 2.236
 CENTROID X : .040
 CENTROID Y : .281

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225390

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.89
 VS= 2.02
 GS= 3.90

0
 4
 6

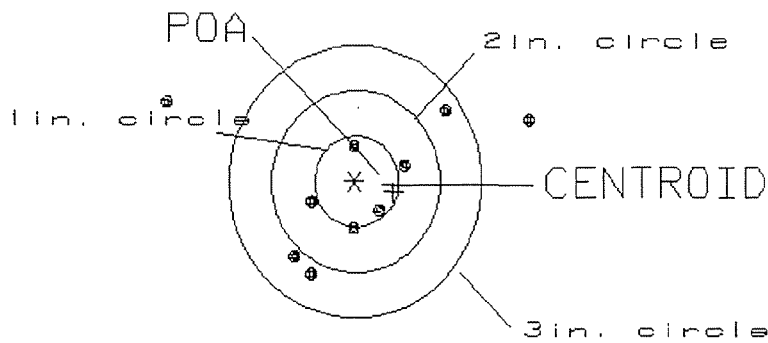
PATTERN #: 2

POA TO CENTROID: .481
 MIN RADIUS : .374
 MEAN RADIUS : 1.068
 MAX RADIUS : 2.369
 CENTROID X : -.467
 CENTROID Y : .114

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225390

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.30
 VS= 1.93
 GS= 4.31

2
 5
 8

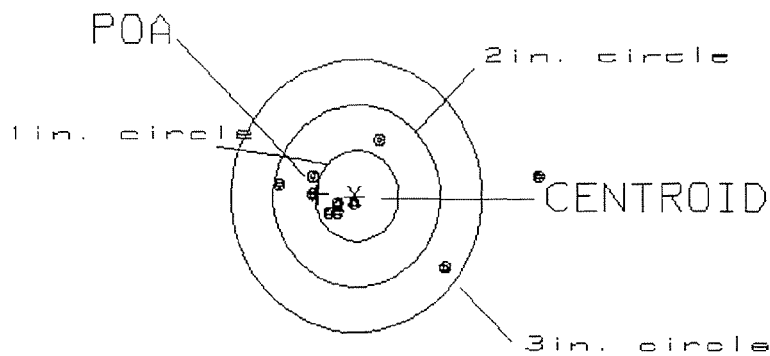
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .434
 MIN RADIUS : .084
 MEAN RADIUS : .711
 MAX RADIUS : 2.166
 CENTROID X : .433
 CENTROID Y : -.022

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225390

CENTERFIRE PATTERN # 3



OF SHOTS= 11

IN CIRCLE

HS= 3.09

4

VS= 1.43

9

GS= 3.09

10

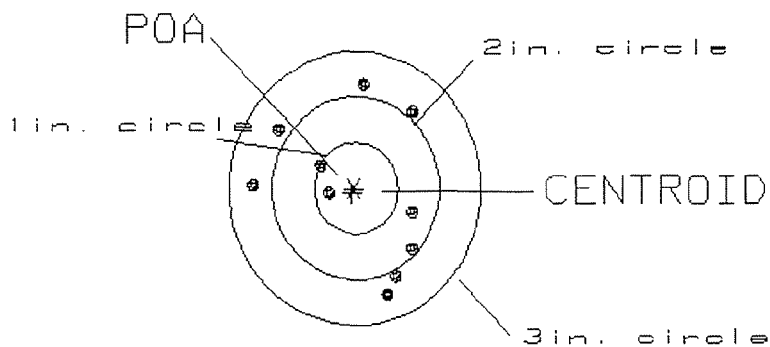
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .060
 MIN RADIUS : .357
 MEAN RADIUS : .932
 MAX RADIUS : 1.221
 CENTROID X : .025
 CENTROID Y : .054

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225390

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.86
 VS= 2.31
 GS= 2.33

2
 4
 10

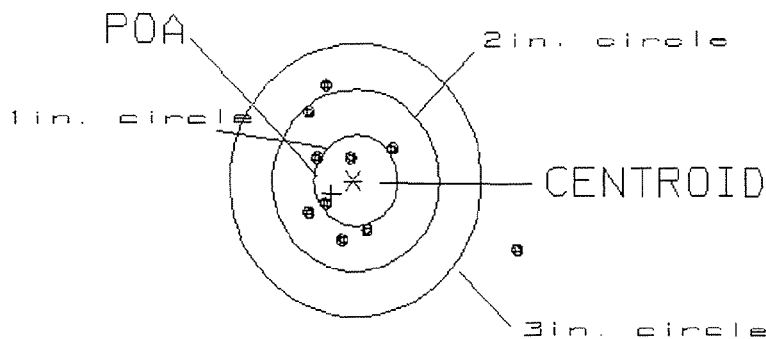
PATTERN #: 5

POA TO CENTROID: .304
 MIN RADIUS : .223
 MEAN RADIUS : .797
 MAX RADIUS : 2.112
 CENTROID X : .265
 CENTROID Y : .149

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225390

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 1.83
 GS= 2.97

2
 8
 9

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-01366

INITIAL CUSTOMER ORDER NO.

SNIPER M-24

JUN 011791

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/17/97

01/17/97

AP 3-95

C6225390

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC 28307DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC
28307

CUST NO: 135960 C.D.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM 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

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

W56 H099063 H545

PARTS

COMMENTS

Barrel - 96003
Bolt - 96005
Front Sight Base - 96118
Mag Spring - 15677
Stock - 96018

Re powder Coat Trigger Guard
Assy Rear Sight Base
Refine Scope Base

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6325 REV 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400118598

RD-6947-Rev 3
PAYMENT:
Mastercard / Visa (circle one)
Card #:
Exp. Date:
Signature:

(PLEASE PRINT CLEARLY)
FIREARMS DELIVERED TO PLANT

RETURN:
☐ Clark Street Entrance
☒ Via US Mail or UPS

FILE Nº 011791
DATE 1/16/97

CUSTOMER NAME: FT Bragg NC

ADDRESS: D-2 1st SWTG(A)

ZIP: 28317

PHONE: 910-432 9771

FIREARM

MODEL: M-24

CHECK FOR AMMUNITION

GAUGE: _____

SERIAL # C6225390

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: ATT: Fred MARTIN

SIGNATURE: Paul Young
(Person delivering firearm to Plant)

DATE: 16 JAN 97

SIGNATURE: J. H. H. H.
(Security Officer)

DATE: 1/16/97

SIGNATURE: Richard Wright
(Firearm picked up by)

DATE: _____

Arm Service Copy

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

New Barrel

R&E NO.

SERIAL NO. *C6225390*

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
605	CHECK HEADSPACE
610	DIS-ASSEMBLE
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
655	FINAL INSPECT
660	PACK

1/20/97
3/3/97

RW
RW

2/26/97
3/3/97

RW
RW

QAR INSPECTION

SHIP DATE

Final Inspection

Sni: C6225390

DATE REC'D: 1/17/97

DATE RET'D:

AUDITOR: NW

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:

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-05048

INITIAL CUSTOMER ORDER NO

WOG 1 OF 23

LIM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

~~06225390~~

E6374590

700

7.62

NATO

ACCESSORIES

SCOPE BASE

W/STUDS

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

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

M2400118602

DON'T SAY IT - WRITE IT

To: 23 Guns

Date: _____

From: _____

C6225390	C6225364	C6225229	C6225321
C6225313	C6225478	C6225068	C6225227
C6225099	C6225387	C6225230	C6225572
C6225540	C6225220	C6225425	
C6225221	C6225239	C6225373	
C6225233	C6225219	C6225133	
		C6225374	
		C6225341	

All Guns - Scope Base & Swivel Studs

"THINK SAFETY AHEAD, DON'T BE MISLED, ACCIDENTS DO HAPPEN"

From:

Bill Brelinski

Remington Arms
Ilion, NY 13357

315-895-3244

Date

RODGERS Survivors Kap Haiti
GREGG DRAKE 1

U.S. ARMY

ACCT. SARSSO

CL II III IV VII

BUDG J 2535

FORT BRAGG

28307-
5000

113830

SERIAL NUMBER RECEIPT/ISSUE/TURN-IN RECORD

POT RECEIVED FROM:

DATE:

11 Feb 98

SUED TO:

TURNED IN BY: W81346

SHIPPED TO:

I 5 + T

Remington Arms Co, INC
14 Hoefler Ave

FORT BRAGG, N. C.

ELION, NY 13357-1816

DOCUMENT NUMBER:

STOCK NUMBER:

W81346-8007-0085 A 1005-01-240-2136

1	C6225390	16	31	46
2	C6225313	17	32	47
3	C6225099	18	33	48
4	N/A	19	34	49
5		20	35	50
6		21	36	51
7		22	37	52
8		23	38	53
9		24	39	54
10		25	40	55
11		26	41	56
12		27	42	57
13		28	43	58
14		29	44	59
15		30	45	60

DESCRIPTION: Remington Rifle 7.62 MM SNIPER M24

MARKS: CONDITION CODE FR

REGISTERED
R791974070

UNSERVICEABLE

TO BE SHIPPED

SIGNATURE OF INDIVIDUAL ISSUING OR TURNING IN:

SIGNATURE OF INDIVIDUAL RECEIVING EQUIPMENT:

Robert J Hamer

HAMER, ROBERT J NAME WGT

NAME

NAME

910 396-2196

SERIAL NUMBER RECEIPT, ISSUE/TURN-IN RECORD

POT RECEIVED FROM:

DATE

11 Feb 98

SUED TO:

TURNED IN BY: W81346

SHIPPED TO:

IS + T
FORT BRAGG, N. C.

Remington Arms Co, Inc
14 Hoefler Ave
Elion, NY 13357-1816

DOCUMENT NUMBER:

STOCK NUMBER:

W81YT4-8007-0085 A 1005-01-240-2136

1	C6225390	16	31	46
2	C6225313	17	32	47
3	C6225099	18	33	48
4	N/A	19	34	49
5		20	35	50
6		21	36	51
7		22	37	52
8		23	38	53
9		24	39	54
10		25	40	55
11		26	41	56
12		27	42	57
13		28	43	58
14		29	44	59
15		30	45	60

DESCRIPTION: Remington Rifle 7.62mm SNIPER M24

MARKS: CONDITION CODE 1

REGISTERED
R791974070

UNSERVICEABLE

TO BE SHIPPED

SIGNATURE OF INDIVIDUAL ISSUING OR TURNING IN:

SIGNATURE OF INDIVIDUAL RECEIVING EQUIPMENT:

Robert J Hamer

HAMER, ROBERT J NAME WGT

NAME

NAME

396-2196

TELEPHONE

1

G-88

DON'T SAY IT - WRITE IT

To: _____ Date: _____

From:

C6225390
C6225313
C6225099
C6225540
C6225221
C6225133

C6225364
C6225478
C6225387
C6225220
C6225239
C6225219

C6225229
C6225068
C6225230
C6225425
C6225373
C6225133

A11 Guns - Scope Base & Swivel Studs

"THINK SAFETY AHEAD, DON'T BE MISLED, ACCIDENTS DO HAPPEN"

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374590
14 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3298
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .521831

THE AMR FOR THIS RIFLE IS: 1.049

CENTROIDAL DISTANCES

0 TO 1	.635781
1 TO 2	.150163
1 TO 3	.0707743
1 TO 4	.600213
1 TO 5	.248365

3
25

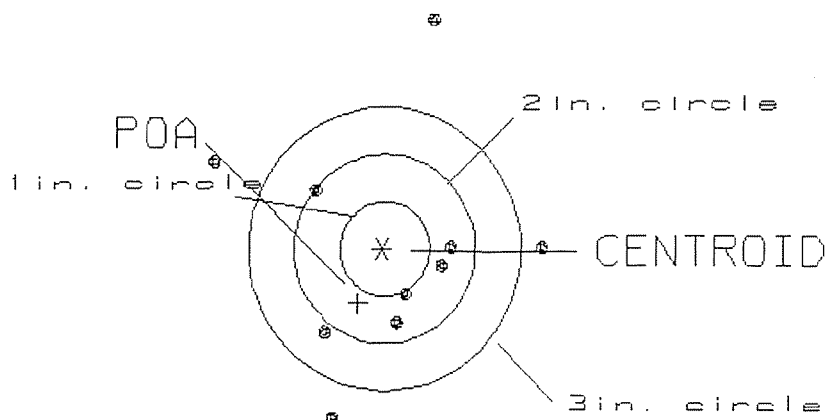
+ 4<----POA

PATTERN #: 01
 POA TO CENTROID: .636
 MIN RADIUS : .559
 MEAN RADIUS : 1.313
 MAX RADIUS : 2.528
 CENTROID X : .267
 CENTROID Y : .577

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374590

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.62

0

VS= 4.25

4

GS= 4.41

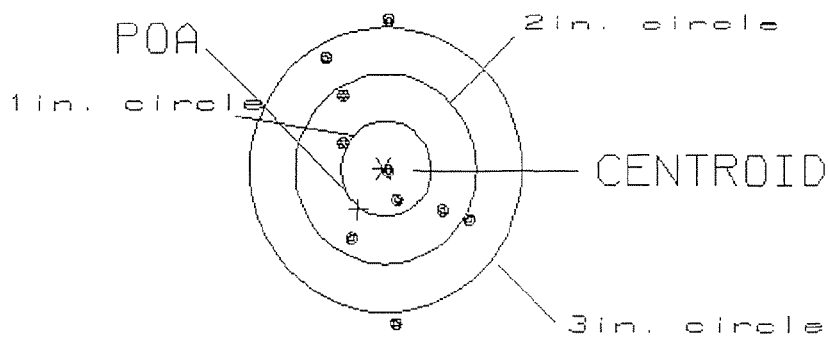
6

PATTERN #: 2
 POA TO CENTROID: .507
 MIN RADIUS : .044
 MEAN RADIUS : .913
 MAX RADIUS : 1.649
 CENTROID X : .274
 CENTROID Y : .427

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG374598

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.54

3

VS= 3.24

6

GS= 3.24

8

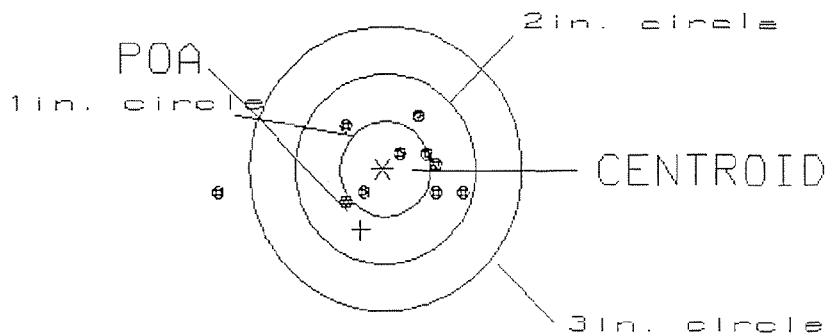
PATTERN #: 3

POA TO CENTROID: .685
 MIN RADIUS : .184
 MEAN RADIUS : .684
 MAX RADIUS : 1.879
 CENTROID X : .239
 CENTROID Y : .642

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG374598

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.76

3

VS= .92

9

GS= 2.76

9

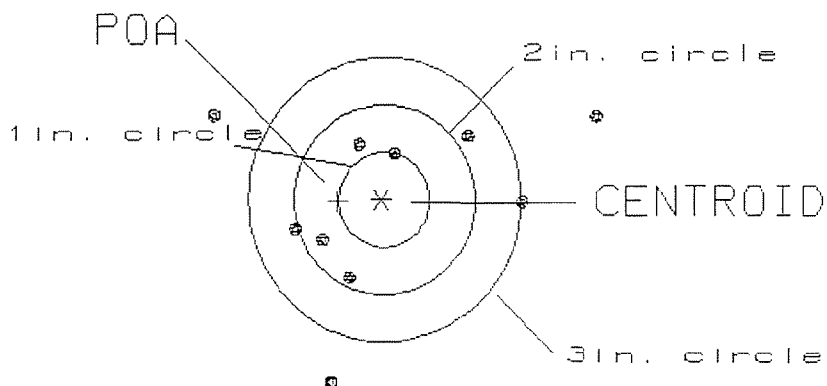
PATTERN #: 4

POA TO CENTROID: .484
 MIN RADIUS : .455
 MEAN RADIUS : 1.290
 MAX RADIUS : 2.494
 CENTROID X : .483
 CENTROID Y : .017

14 May 1998

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/EG374598

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.24

1

VS= 2.79

4

GS= 4.24

7

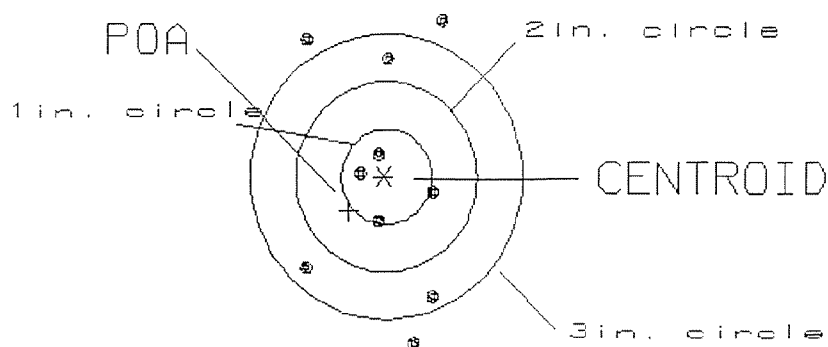
PATTERN #: 5

POA TO CENTROID: .527
 MIN RADIUS : .207
 MEAN RADIUS : 1.047
 MAX RADIUS : 1.829
 CENTROID X : .386
 CENTROID Y : .359

14 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374598

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.52

3

VS= 3.45

4

GS= 3.46

7