

06523494

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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: **RE00009439** Serial: C6523494 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 2:25:59 PM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: HSC 3RD BN, 3RD SFG (A) HSC 3RD BN, 3RD SFG (A)

Address 1: Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

nagletj 5/18/00 3:03 PM CAPS NUM INS SCRL

Start Inbox Micro SAP Nagle Audit R&R Arms RE: P Prin 3:03 PM

Serial Number:

C6523494Model: **700****RE00009439**

96003 - BBL

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6523494
11 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .032
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0590268

THE AMR FOR THIS RIFLE IS: .9658

CENTROIDAL DISTANCES

0	TO	1	.14321
1	TO	2	.62981
1	TO	3	.0716938
1	TO	4	.145055
1	TO	5	.449419

5 2
3+ <----POA
4

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .143

MIN RADIUS : .348

MEAN RADIUS : .991

MAX RADIUS : 1.688

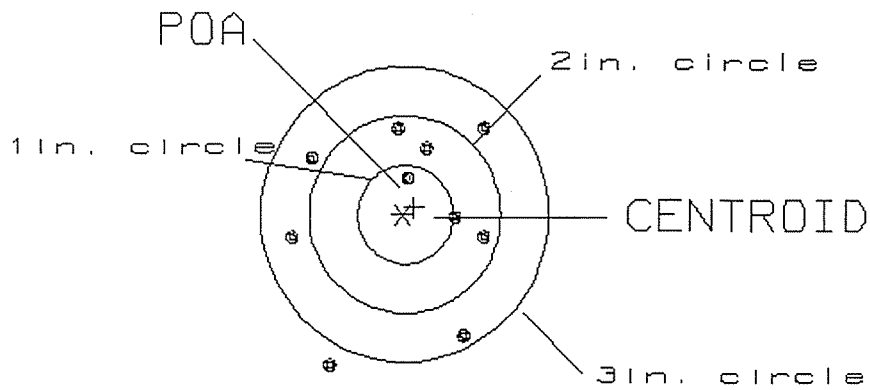
CENTROID X : -.122

CENTROID Y : -.075

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.01

1

VS= 2.40

5

GS= 2.83

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .487

MIN RADIUS : .246

MEAN RADIUS : 1.000

MAX RADIUS : 2.536

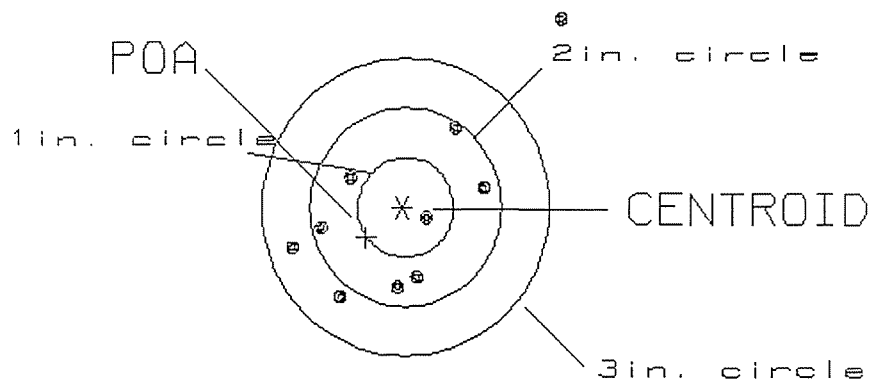
CENTROID X : .384

CENTROID Y : .300

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.79

1

VS= 2.82

7

GS= 3.67

9

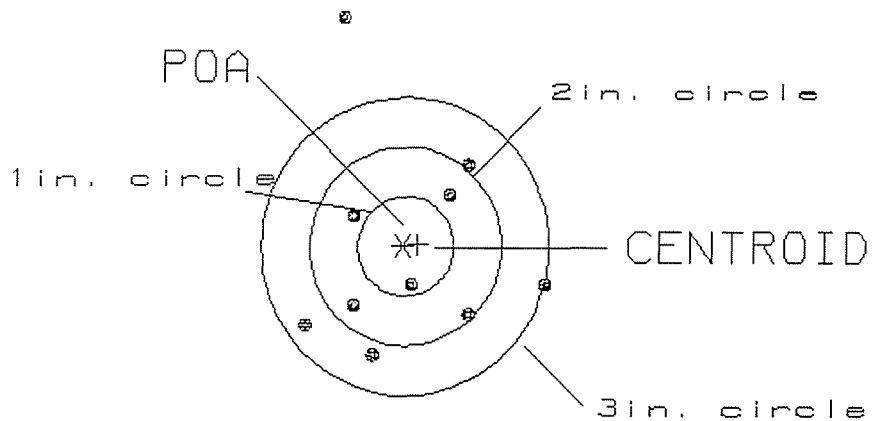
PATTERN #: 3

POA TO CENTROID: .159
 MIN RADIUS : .345
 MEAN RADIUS : 1.081
 MAX RADIUS : 2.379
 CENTROID X : -.158
 CENTROID Y : -.013

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.50
 VS= 3.36
 GS= 3.42

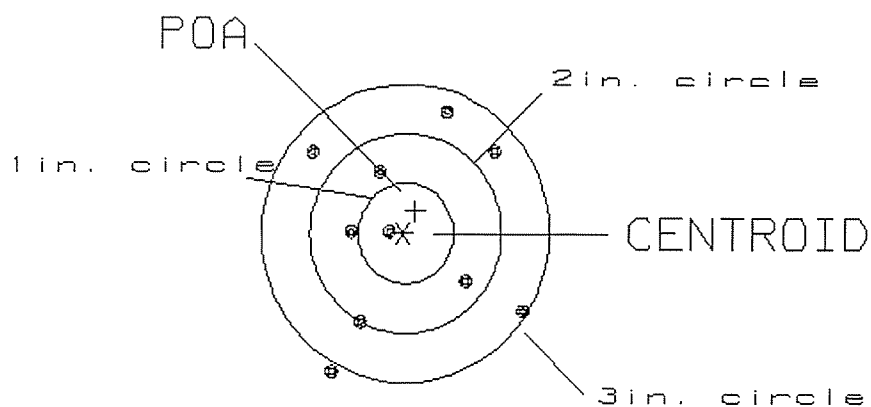
1
 5
 8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .253
 MIN RADIUS : .158
 MEAN RADIUS : .993
 MAX RADIUS : 1.556
 CENTROID X : -.126
 CENTROID Y : -.220

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.22
 VS= 2.51
 GS= 2.79

1
 4
 9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

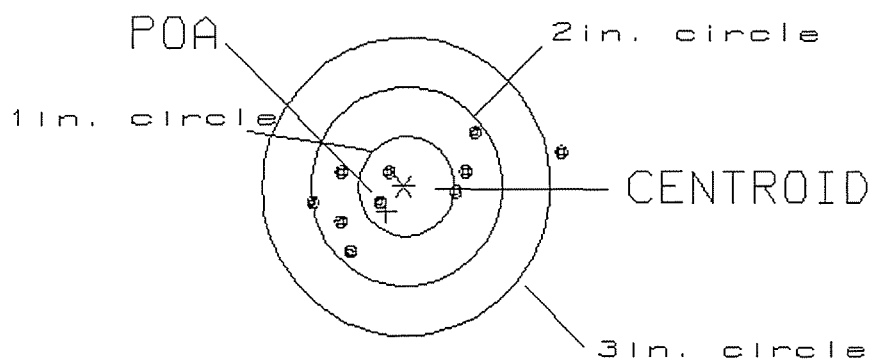
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .314
MIN RADIUS : .244
MEAN RADIUS : .764
MAX RADIUS : 1.668
CENTROID X : .182
CENTROID Y : .256

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.65

2

VS= 1.27

6

GS= 2.70

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6523494
11 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .044
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0452124

THE AMR FOR THIS RIFLE IS: 1.436

CENTROIDAL DISTANCES

0	TO	1	.2
1	TO	2	.254804
1	TO	3	.285577
1	TO	4	.453855
1	TO	5	.2164

4 5³
+ 1 <----POA
2

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

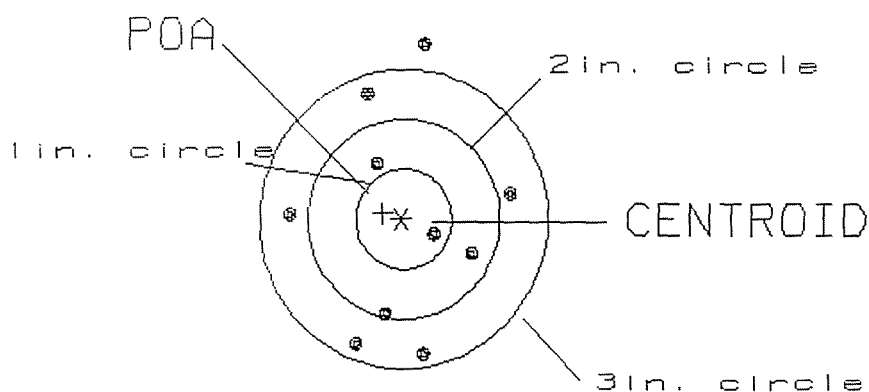
PATTERN #: 1

POA TO CENTROID: .199
 MIN RADIUS : .319
 MEAN RADIUS : 1.087
 MAX RADIUS : 1.809
 CENTROID X : .192
 CENTROID Y : -.056

11 Sep 2000

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.30

1

VS= 3.12

4

GS= 3.12

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

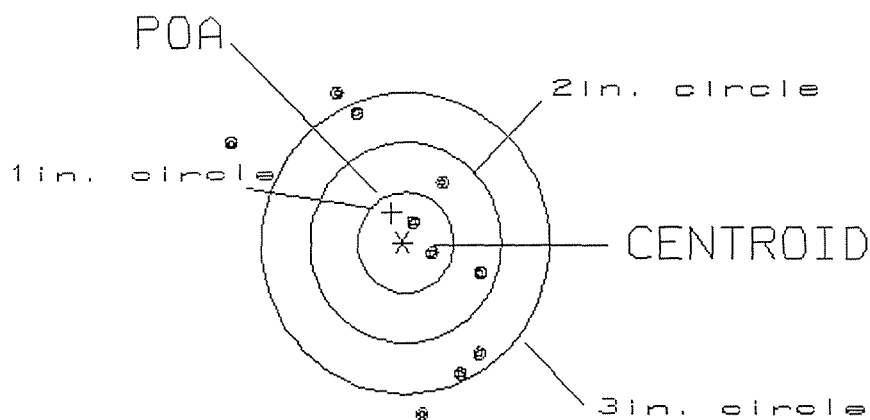
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .324
 MIN RADIUS : .176
 MEAN RADIUS : 1.166
 MAX RADIUS : 2.086
 CENTROID X : .122
 CENTROID Y : -.301

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.60

2

VS= 3.23

4

GS= 3.39

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

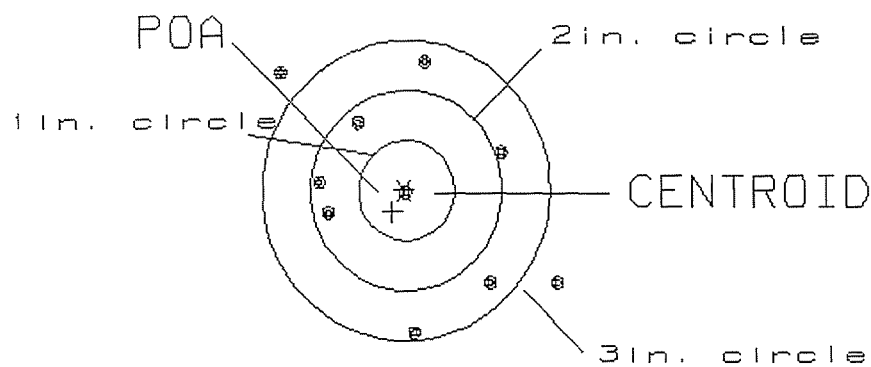
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .247
 MIN RADIUS : .045
 MEAN RADIUS : 1.129
 MAX RADIUS : 1.802
 CENTROID X : .115
 CENTROID Y : .219

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.91

1

VS= 2.72

4

GS= 3.56

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

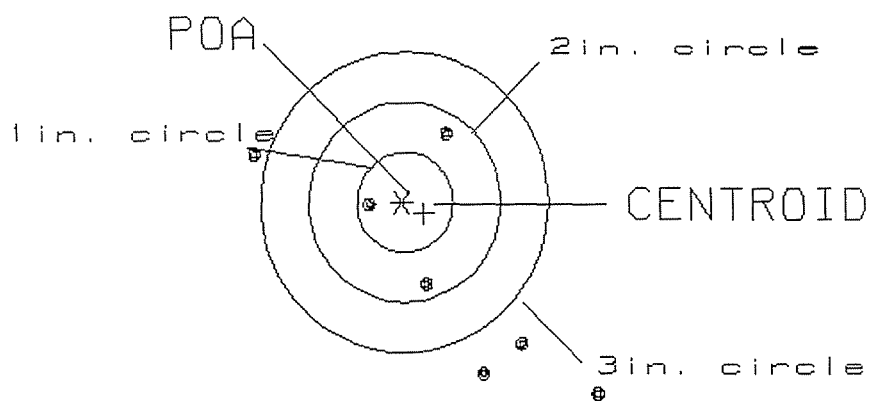
PATTERN #: 4

POA TO CENTROID: .255
 MIN RADIUS : .346
 MEAN RADIUS : 2.160
 MAX RADIUS : 4.300
 CENTROID X : -.228
 CENTROID Y : .116

11 Sep 2000

FILE:/H:\basic/Accuracy/Patterning/Centerfire_Patt/c6523494

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.62

1

VS= 7.31

3

GS= 7.38

3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

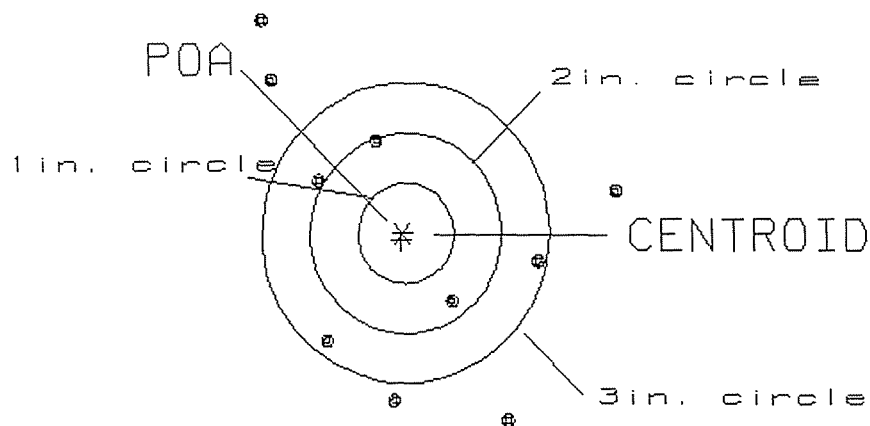
PATTERN #: 5

POA TO CENTROID: .076
MIN RADIUS : .841
MEAN RADIUS : 1.639
MAX RADIUS : 2.611
CENTROID X : .019
CENTROID Y : .074

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6523494

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.74

0

VS= 4.00

2

GS= 4.77

5

Final Inspection

Sn: C6523494

DATE REC'D: 5-12-00

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:

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

[illegible]

Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

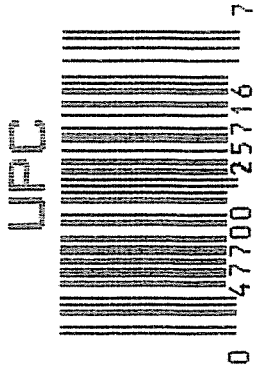
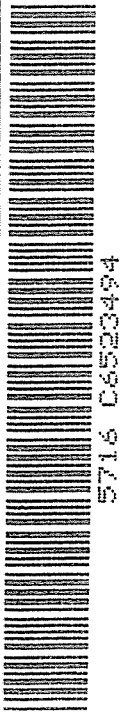
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM M24

SERIAL NO.
06523494

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523494

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	LS
617	Drill and Tap Sight Holes		9/28/90	WB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/22/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/23/90	WB
	G) Safety Off Force	2	2	2			10/23/90	WB
	H) Trigger Pull Test & Retainability						10/22/90	PH
	I) Firing Pin Indent	.022	.022	.022			10/23/90	WB
	J) Assemble Stock						10/26/90	Rev
	K) Assemble Swivel Studs						3/10/90	JS
	L) Attach Front and Rear Sight Assemblies						10/26/90	Rev
	M) Iron Sight Alignment						10/26/90	Rev
	N) Detach Front & Rear Sights & place in numbered container						10/26/90	Rev
	O) Attach Scope to Rifle						10/26/90	Rev
	P) Detach & Attach Scope 20 Times						10/26/90	Rev
640	Gallery Target & Test						10-29-90	PH
	A) Time						10-29-90	PH
	B) Malfunctions						10-29-90	PH
	C) Pierced Primers						10-29-90	PH
	D) Optical Clarity of Scope						10-29-90	PH
645	Inspect for Live Ammo						10-29-90	PH
655	Final Inspection							
	A) Headspace						3/10/90	JS
	B) Trigger Pull	225	222	224	214	222	3/10/90	JS
	C) Function						3/10/90	JS
660	Pack						12-17-90	PH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523494

DATE 10/22/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.48	2.52	225	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.44	2.38	222	
PULL #3	2.28	2.23	2.49	224	
PULL #4	2.49	2.41	2.46	214	
PULL #5	2.31	2.42	2.48	222	
TOTAL	11.43	11.98	12.33		
AVG.	2.286	2.396	2.466		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.28		
PULL #2	3.25	3.36		
PULL #3	3.36	3.26		
PULL #4	3.29	3.32		
PULL #5	3.29	3.33		
TOTAL	16.45	16.55		
AVG.	3.29	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.24		4.34
PULL #2	4.35	4.33		4.33
PULL #3	4.34	4.34		4.34
PULL #4	4.32	4.31		4.33
PULL #5	4.33	4.34		4.31
TOTAL	21.67	21.56		21.65
AVG.	4.334	4.312		4.33

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523494
29 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.137902
1 TO	2	.313589
1 TO	3	.293437
1 TO	4	.218826
1 TO	5	.333997

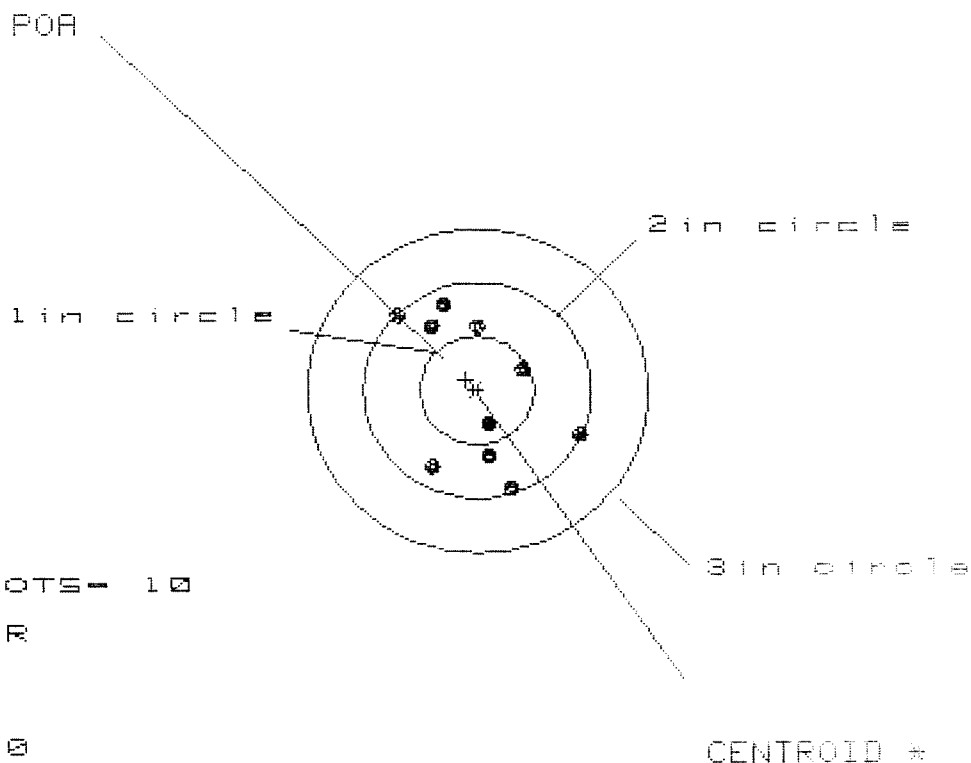
at 18 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .123
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123664
THE AMR FOR THIS RIFLE IS: .804

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523494

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 1.553

VS= 1.696

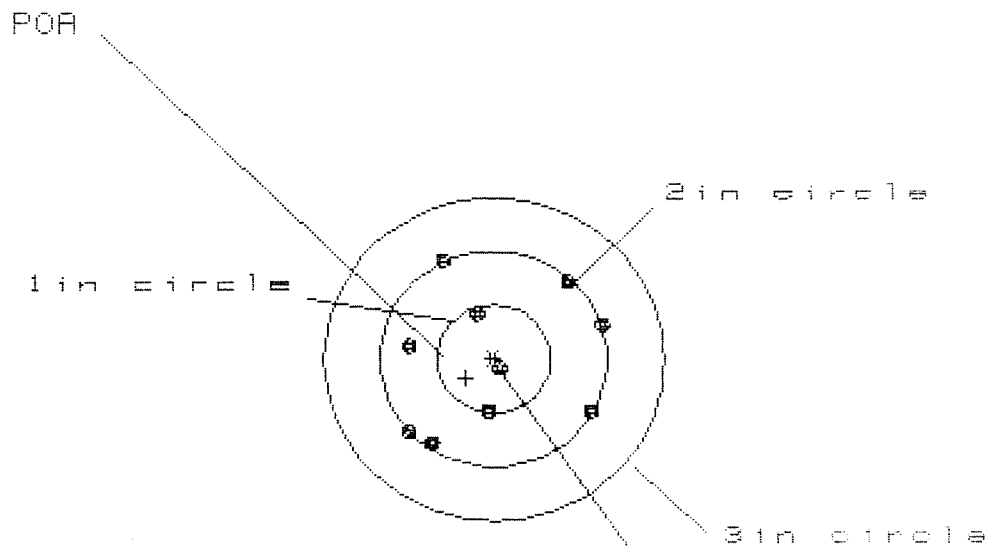
GS= 1.931

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.779	.805
MINIMUM X	:	-.697	-.442	-.416
MAXIMUM Y	:	.758	.839	.732
MINIMUM Y	:	-.938	-.857	-.724
CENTROID X	:	.099	.176	.150
CENTROID Y	:	-.096	-.177	-.070
POA TO CENTROID in.	:	.138	.250	.166
MIN RADIUS	:	.280	.188	.296
MEAN RADIUS	:	.722	.677	.651
MAX RADIUS	:	1.006	.919	.901
HORIZONTAL SPREAD	:	1.553	1.221	1.221
VERTICAL SPREAD	:	1.696	1.696	1.456
EXTREME SPREAD	:	1.931	1.793	1.620
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523494

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.719

VS= 1.713

GS= 1.985

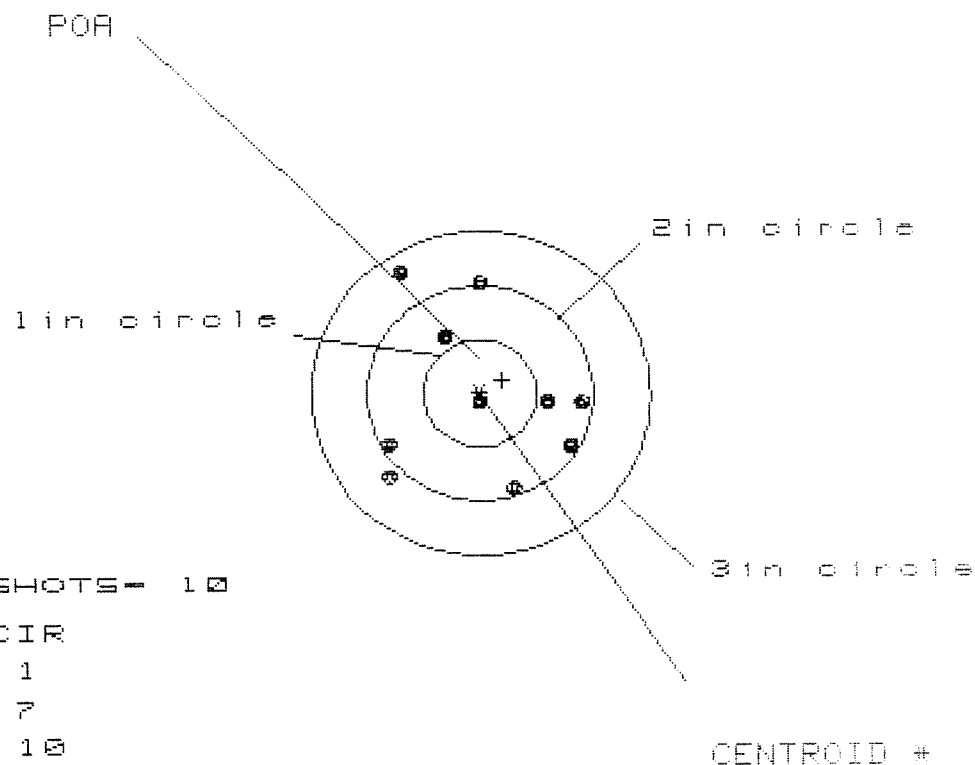
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	.934	.886
MINIMUM X	:	-.734	-.785	-.668
MAXIMUM Y	:	.955	.808	.860
MINIMUM Y	:	-.758	-.651	-.599
CENTROID X	:	.246	.298	.181
CENTROID Y	:	.181	.074	.022
POA TO CENTROID in.	:	.306	.307	.182
MIN RADIUS	:	.112	.071	.195
MEAN RADIUS	:	.775	.734	.692
MAX RADIUS	:	1.061	1.025	1.140
HORIZONTAL SPREAD	:	1.719	1.719	1.554
VERTICAL SPREAD	:	1.713	1.459	1.459
EXTREME SPREAD	:	1.985	1.985	1.985
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523494

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.709

VS= 1.983

GS= 2.249

CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.915	.835	.728
MINIMUM X	:	-.794	-.874	-.982
MAXIMUM Y	:	1.158	1.188	1.107
MINIMUM Y	:	-.825	-.697	-.778
CENTROID X	:	-.193	-.113	-.006
CENTROID Y	:	-.125	-.253	-.172
POA TO CENTROID in.	:	.230	.278	.172
MIN RADIUS	:	.059	.151	.231
MEAN RADIUS	:	.846	.780	.732
MAX RADIUS	:	1.362	1.191	1.124
HORIZONTAL SPREAD	:	1.709	1.709	1.709
VERTICAL SPREAD	:	1.983	1.885	1.885
EXTREME SPREAD	:	2.249	1.997	1.916
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

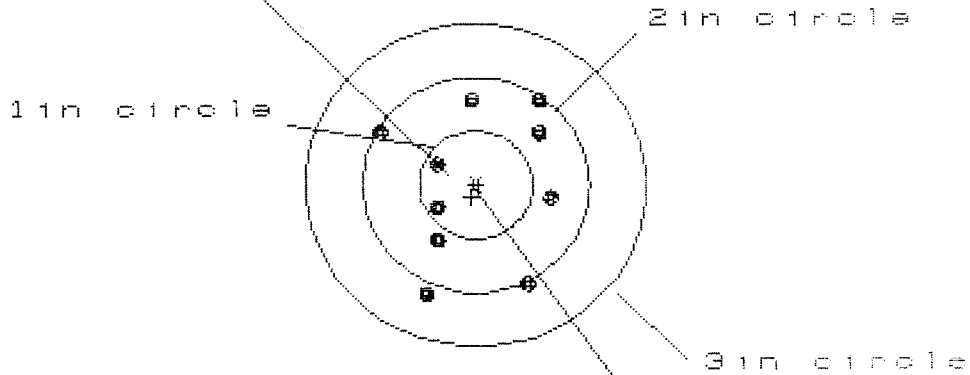
29 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523494

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in - 10

HS- 1.500

VS- 1.781

GS- 1.996

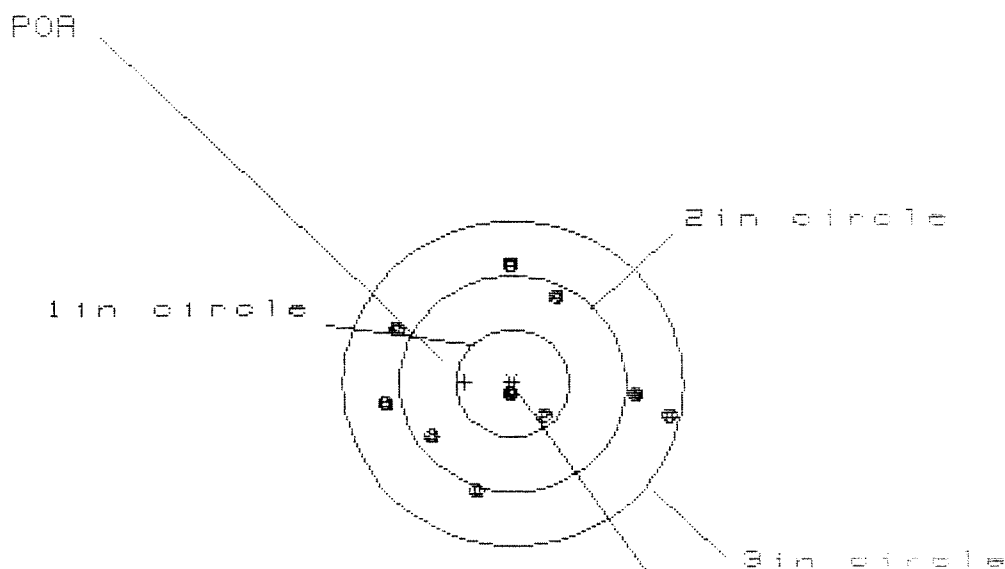
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.695	.649	.703
MINIMUM X	:	-.805	-.851	-.797
MAXIMUM Y	:	.794	.685	.555
MINIMUM Y	:	-.987	-1.036	-.761
CENTROID X	:	.041	.087	.033
CENTROID Y	:	.115	.224	.354
POA TO CENTROID in.	:	.122	.241	.355
MIN RADIUS	:	.395	.432	.378
MEAN RADIUS	:	.767	.728	.664
MAX RADIUS	:	1.071	1.124	.843
HORIZONTAL SPREAD	:	1.500	1.500	1.500
VERTICAL SPREAD	:	1.781	1.721	1.316
EXTREME SPREAD	:	1.996	1.933	1.617
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523494

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.482

VS= 2.042

GS= 2.516

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.395	1.223	1.118
MINIMUM X	:	-1.087	-.932	-1.037
MAXIMUM Y	:	1.099	1.065	1.121
MINIMUM Y	:	-.943	-.977	-.921
CENTROID X	:	.422	.267	.372
CENTROID Y	:	-.011	.023	-.033
POA TO CENTROID in.	:	.422	.268	.373
MIN RADIUS	:	.055	.157	.039
MEAN RADIUS	:	.910	.855	.818
MAX RADIUS	:	1.429	1.227	1.123
HORIZONTAL SPREAD	:	2.482	2.155	2.155
VERTICAL SPREAD	:	2.042	2.042	2.042
EXTREME SPREAD	:	2.516	2.158	2.158
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	