

06498731

MODEL 700™ M24

Model **S&S**™

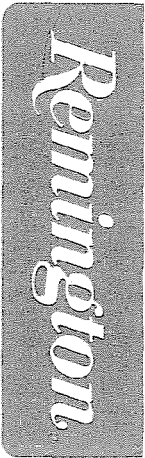
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



S&S
No. 2-152-51

Scope S/N 87-1112

Repair Inquiry		Print X																			
Repair Number: RE00000760	Serial: C6498731 Model 700 Center Fire Caliber: 762 SWS M-24 130F18	Repairman:	Status: New 12/15/93 1:46:02 PM																		
Verify Repair																					
Address Information																					
Customer: ☒ Received From:		Return To: ☒ Received From:																			
Name: TRANSPORTATION OFFICER		TRANSPORTATION OFFICER																			
Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG		XVIII AIRBORNE CORPS AND FORT BRAGG																			
Address 2: BUILDING J-2050 PO Box:		BUILDING J-2050 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 Condition: Poor Notes: CSR Notes:																			
		Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Code</th> <th style="width: 70%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td style="text-align: center;">2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Z000</td> <td>BI-POD</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>		Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1	Z000	BI-POD	1
Code	Desc	Qty																			
A010	Hard Case	1																			
A016	Scope Mounts	2																			
A017	Scope Base	1																			
A026	Scope	1																			
Z000	BI-POD	1																			
Repair Search		Refresh Close																			

BBL 96003

Repair Order Number



Repair Order Numbe RE00000760	Description/Serial C6498731	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 762 SWS M-24 13OF18	Estimate Date
		Current Date - 12/16/1999
Customer TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US		Return To TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US
Phone (H) Phone (W)		Fax Email

Problems	
<u>Reported</u>	<u>Found</u>

Repair		<u>Quantity</u> <u>Needed</u>	<u>Quantity</u> <u>From</u>	<u>Quantity</u> <u>From</u>	<u>Warranty</u> <u>(Y/N)</u>
<u>Material #</u>	<u>Material Desc</u>				
Total:					

Serial Number: C6498731

Model ID: 700



RE00000760

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

BARBER - M24 0006637

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6498731
7 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.5198
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .573626

THE AMR FOR THIS RIFLE IS: 1.233

CENTROIDAL DISTANCES

Ø TO	1	.882828
1 TO	2	.469915
1 TO	3	.845059
1 TO	4	.374413
1 TO	5	.46556

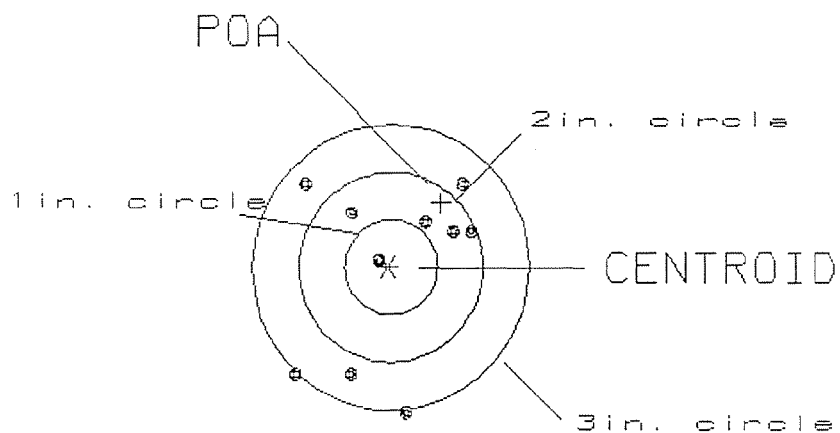
3 + <----POA
1 4⁵
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .883
 MIN RADIUS : .156
 MEAN RADIUS : .992
 MAX RADIUS : 1.522
 CENTROID X : -.569
 CENTROID Y : -.675

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498731.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.90

1

VS= 2.41

5

GS= 2.66

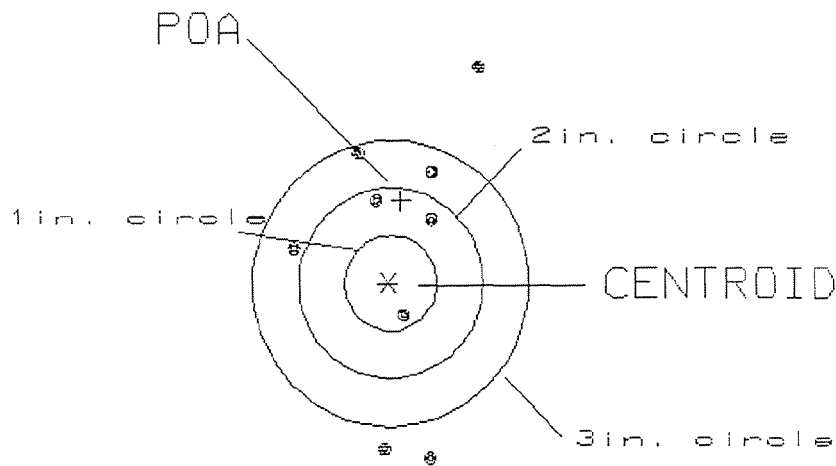
9

PATTERN #: [2]
 POA TO CENTROID: .880
 MIN RADIUS : .387
 MEAN RADIUS : 1.475
 MAX RADIUS : 2.869
 CENTROID X : -.141
 CENTROID Y : -.869

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498731.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.96

1

VS= 5.03

3

GS= 5.31

6

BARBER - M24 0006640

REMINGTON CENTERFIRE ACCURACY TEST

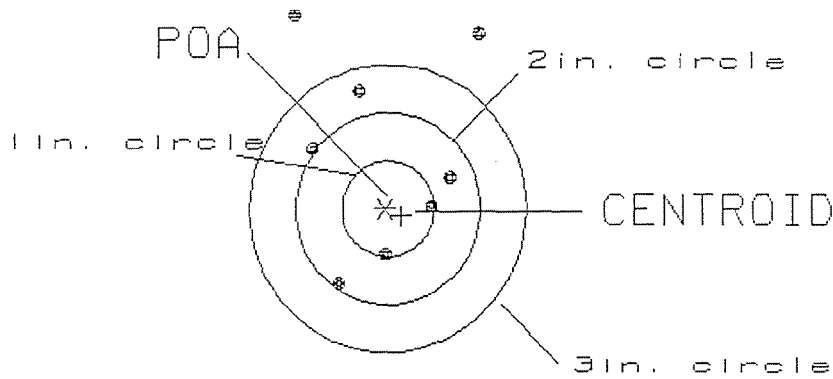
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .186
 MIN RADIUS : .440
 MEAN RADIUS : 1.421
 MAX RADIUS : 3.029
 CENTROID X : -.172
 CENTROID Y : .071

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498731.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.94

2

VS= 5.04

4

GS= 5.17

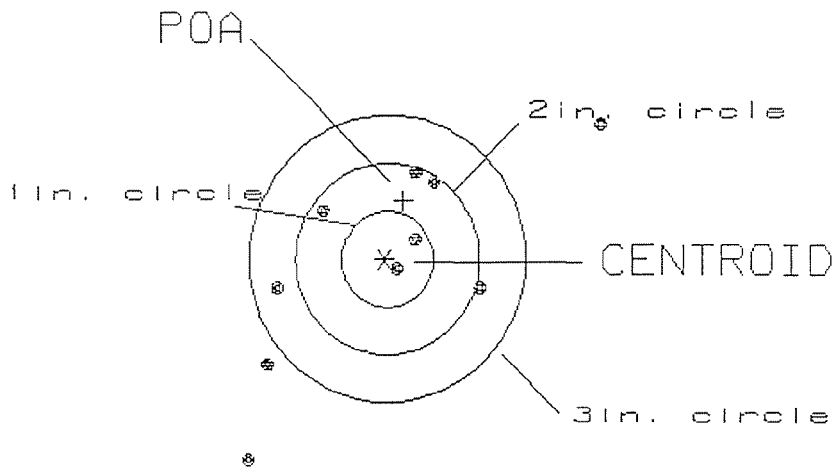
6

PATTERN #: 4
 POA TO CENTROID: .638
 MIN RADIUS : .113
 MEAN RADIUS : 1.257
 MAX RADIUS : 2.709
 CENTROID X : -.201
 CENTROID Y : -.606

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498731.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

H3= 3.77

2

VS= 3.54

5

GS= 5.17

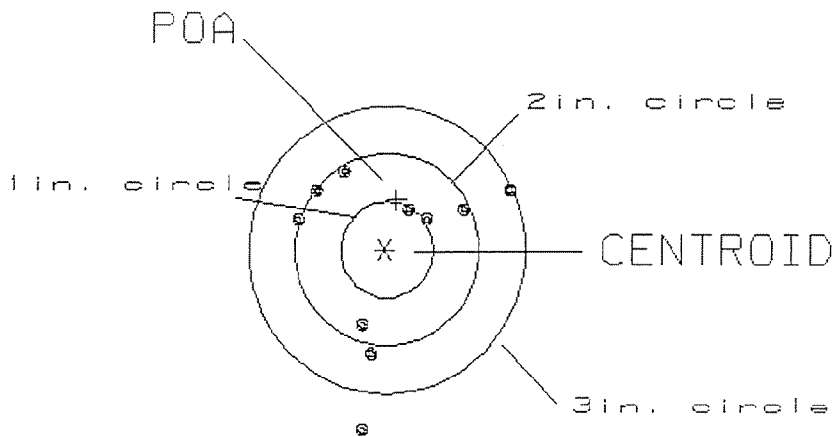
7

PATTERN #: 5
 POA TO CENTROID: .536
 MIN RADIUS : .508
 MEAN RADIUS : 1.019
 MAX RADIUS : 1.875
 CENTROID X : -.130
 CENTROID Y : -.520

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498731.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.28

0

VS= 2.65

7

GS= 2.98

9

Final Inspection

Sn: C6498731

DATE REC'D: 12-12-99

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C64 98731

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-34-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	RW
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	4-4-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
 C6498731

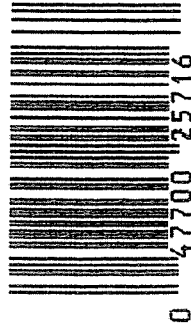
ORDER NO.
 5716

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



5716 C6498731

UPC



0 47700 25716 7

OK

Scanned

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498731

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		A
607	Check Headspace	4 12 90		A
610	Dis-assemble Gun	4 12 90		RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GL
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/30/90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/7/90	GL

BARBER - M24 0006648		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			5/8/90	RL
	G) Safety Off Force	2	2	2			5/8/90	RL
	H) Trigger Pull Test & Retainability						5/7/90	RL
	I) Firing Pin Indent	.0205	.020	.020			5/8/90	RL
	J) Assemble Stock						5/8/90	RL
	K) Assemble Swivel Studs						5/16/90	WB
	L) Attach Front and Rear Sight Assemblies						5/8/90	RL
	M) Iron Sight Alignment						5/8/90	RL
	N) Detach Front & Rear Sights & place in numbered container						5/8/90	RL
	O) Attach Scope to Rifle						5/8/90	WB
	P) Detach & Attach Scope 20 Times						5/8/90	WB
640	Gallery Target & Test						5-11-90	DH
	A) Time						5-11-90	DH
	B) Malfunctions						5-11-90	DH
	C) Pierced Primers						5-11-90	DH
	D) Optical Clarity of Scope						5-11-90	DH
645	Inspect for Live Ammo						5-11-90	DH
655	Final Inspection						5/15/90	WB
	A) Headspace							
	B) Trigger Pull	2.34	2.37	2.41	2.44	2.46	5/14/90	WB
	C) Function						5/16/90	WB
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498731

DATE 5/7/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.24	2.25	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.23	2.30	2.37	
PULL #3	2.31	2.25	2.26	2.41	
PULL #4	2.16	2.26	2.35	2.44	
PULL #5	2.25	2.24	2.24	2.46	
TOTAL	11.31	11.22	11.40		
AVG.	2.262	2.244	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.32		
PULL #2	3.32	3.28		
PULL #3	3.27	3.17		
PULL #4	3.21	3.36		
PULL #5	3.18	3.29		
TOTAL	16.36	16.42		
AVG.	3.272	3.284		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.25		4.23
PULL #2	4.29	4.22		4.22
PULL #3	4.10	4.23		4.28
PULL #4	4.17	4.33		4.26
PULL #5	4.36	4.18		4.19
TOTAL	21.12	21.21		21.18
AVG.	4.224	4.242		4.236

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498731
11 May 1990

CENTROIDAL DISTANCES

0 TO	1	.338053
1 TO	2	.508161
1 TO	3	.518715
1 TO	4	.964409
1 TO	5	.749113

$\frac{5}{2.7}$ ⁴ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .059
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0621076
THE AMR FOR THIS RIFLE IS: .7992

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498731

CENTERFIRE PATTERNS

1

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.885

VS = 1.872

CS = 2.441

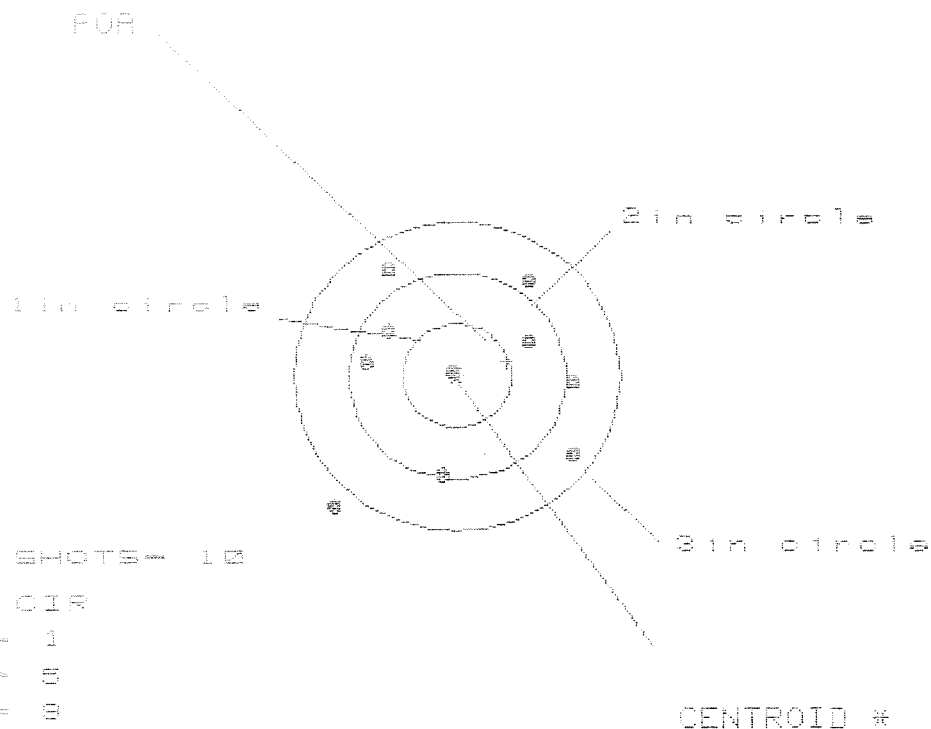
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.888	.786	.551
MINIMUM X	-.917	-.684	-.586
MAXIMUM Y	.824	.878	.787
MINIMUM Y	-1.048	-.956	-1.047
CENTROID X	.086	.108	.010
CENTROID Y	-.338	-.430	-.339
POR TO CENTROID in.	.338	.443	.339
MIN RADIUS	.267	.362	.270
MEAN RADIUS	.787	.738	.679
MAX RADIUS	1.233	1.072	1.048
HORIZONTAL SPREAD	1.885	1.470	1.137
VERTICAL SPREAD	1.872	1.834	1.834
EXTREME SPREAD	2.441	1.985	1.888
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

11 May 1998

FILE/PATTERNING/CENTERFIRE_PATT/C649B731

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.226

VS= 2.216

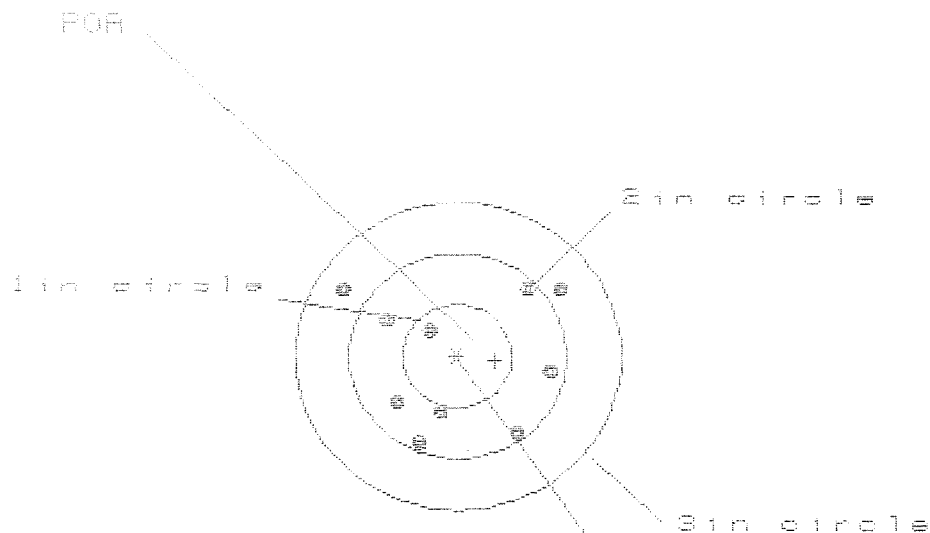
GS= 2.794

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.074	.946	1.045
MINIMUM X	-1.152	-.953	-.835
MAXIMUM Y	1.004	.869	.763
MINIMUM Y	-1.212	-1.125	-1.231
CENTROID X	-.462	-.334	-.452
CENTROID Y	-.140	-.085	.101
FOR TO CENTROID in.	.483	.334	.463
MIN RADIUS	.054	.190	.206
MEAN RADIUS	.973	.888	.826
MAX RADIUS	1.672	1.268	1.239
HORIZONTAL SPREAD	2.226	1.899	1.800
VERTICAL SPREAD	2.216	1.994	1.994
EXTREME SPREAD	2.794	2.435	2.080
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498731

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HE= 1.998

VS= 1.555

GS= 2.178

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.976	.862	.849
MINIMUM X	-1.022	-.731	-.623
MAXIMUM Y	.760	.745	.815
MINIMUM Y	-.856	-.778	-.685
CENTROID X	-.346	-.232	-.340
CENTROID Y	.043	-.034	-.127
POA TO CENTROID in.	.348	.235	.363
MIN RADIUS	.392	.517	.381
MEAN RADIUS	.843	.799	.731
MAX RADIUS	1.239	1.140	1.038
HORIZONTAL SPREAD	1.998	1.593	1.472
VERTICAL SPREAD	1.555	1.523	1.500
EXTREME SPREAD	2.178	2.041	1.820
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

11 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8438731

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HE= 1.759

VE= 1.854

GE= 2.269

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.067

.995

.712

MINIMUM X

:

-.702

-.774

-.658

MAXIMUM Y

:

.873

.764

.714

MINIMUM Y

:

-.981

-.570

-.620

CENTROID X

:

.712

.784

.660

CENTROID Y

:

.319

.428

.478

POA TO CENTROID in.

:

.781

.894

.815

MIN RADIUS

:

.409

.291

.261

MEAN RADIUS

:

.724

.672

.609

MAX RADIUS

:

1.176

1.071

1.008

HORIZONTAL SPREAD

:

1.769

1.769

1.362

VERTICAL SPREAD

:

1.854

1.334

1.334

EXTREME SPREAD

:

2.269

1.983

1.584

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

11 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08498781

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HE = 1.960

VE = 1.672

GE = 2.082

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.001	.895	.771
MINIMUM X	-.959	-.990	-.438
MAXIMUM Y	.682	.663	.590
MINIMUM Y	-.990	-.914	-.987
CENTROID X	-.007	.099	.223
CENTROID Y	.411	.335	.408
POR TO CENTROID in.	.411	.350	.465
MIN RADIUS	.127	.118	.262
MEAN RADIUS	.669	.611	.536
MAX RADIUS	1.176	1.149	1.080
HORIZONTAL SPREAD	1.960	1.885	1.209
VERTICAL SPREAD	1.672	1.577	1.577
EXTREME SPREAD	2.082	2.010	1.695
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	