

C6498731

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smith
No. 2-152-51

C-6498731

Scope s/n 87-1112

Repair Number: RE00000760		Serial: C6498731 Model 700 Center Fire Caliber: 762 SWS M-24 130F18		Repairman:																			
Verify Repair				Status: New 12/15/99 1:46:02 PM																			
Address Information																							
Customer: ☒ Received From		Return To: ☐ Received From																					
Name: TRANSPORTATION OFFICER		Name: TRANSPORTATION OFFICER																					
Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG		Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG																					
Address 2: BUILDING J-2050 PO Box:		Address 2: BUILDING J-2050 PO Box:																					
City: FORT BRAGG		City: 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		Received Condition		Accessories Received																			
Phone:		Poor		<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A016</td><td>Scope Mounts</td><td>2</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr><tr><td>Z000</td><td>BI-POD</td><td>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																					
Fax:		Condition:																					
Email:		Notes:																					
Comments:		CSR:																					
Notes:		Notes:																					
Repair Search		Refresh		Close																			

BBL 96003



TRACKING DOCUMENT

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
<u>Customer</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US		<u>Return To</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US
Phone (H) Phone (W)		Fax Email

Problems	
Reported	Found

Repair		Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)
<u>Material #</u>	<u>MaterialDesc</u>				
Total:					
Serial Number: C6498731					
Model ID: 700					



RE00000760

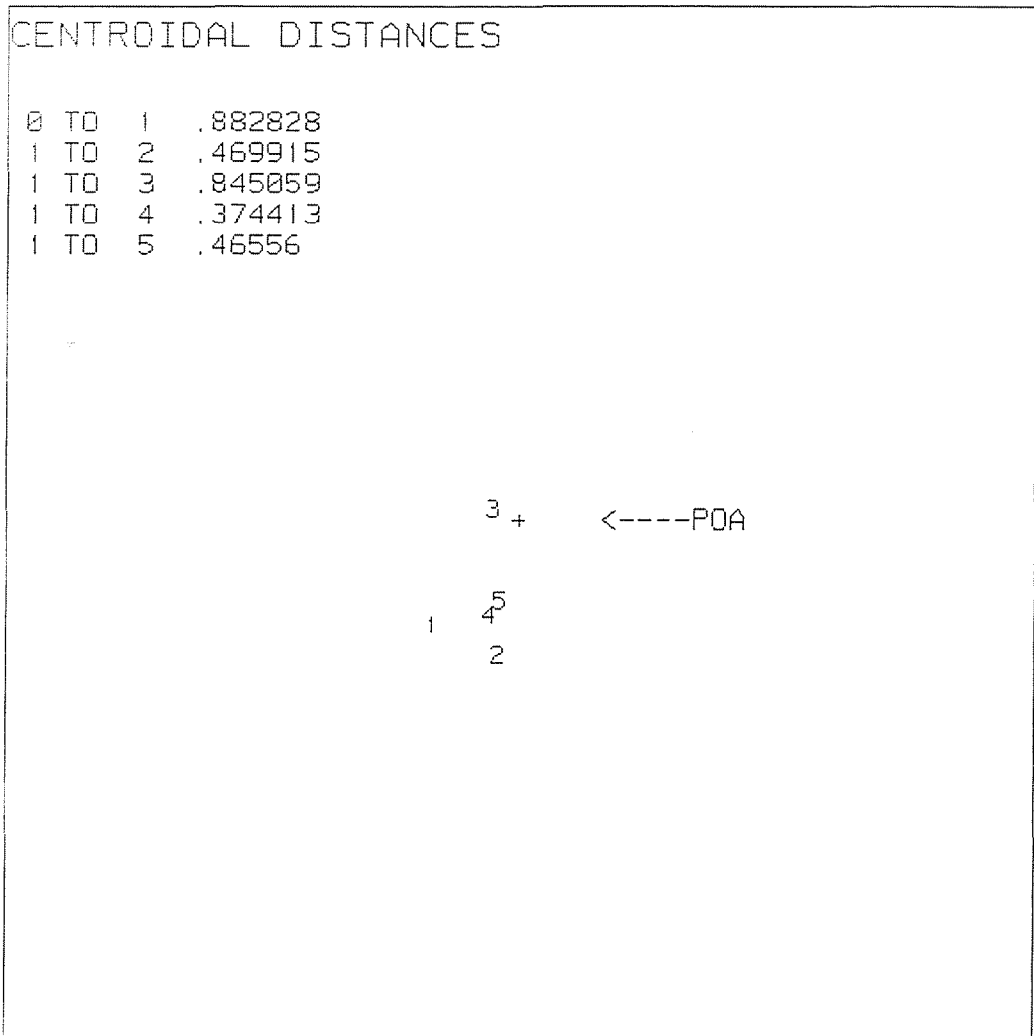
Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

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



REMINGTON CENTERFIRE ACCURACY TEST

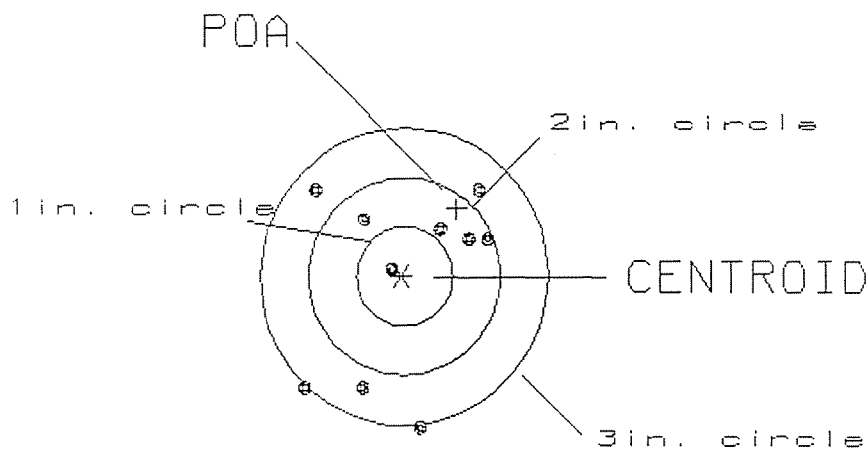
REMINGTON TEST LAB, ILION, N.Y.

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

REMINGTON CENTERFIRE ACCURACY TEST

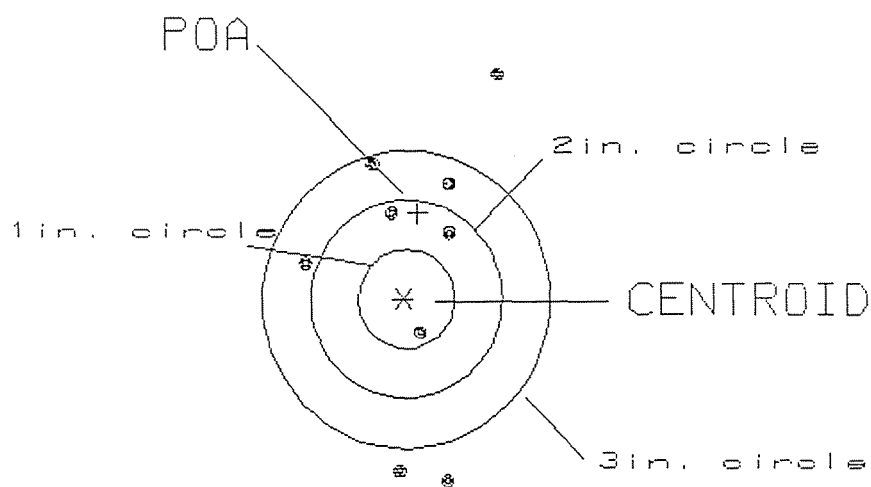
REMINGTON TEST LAB, ILION, N.Y.

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
 VS= 5.03
 GS= 5.31

1
 3
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

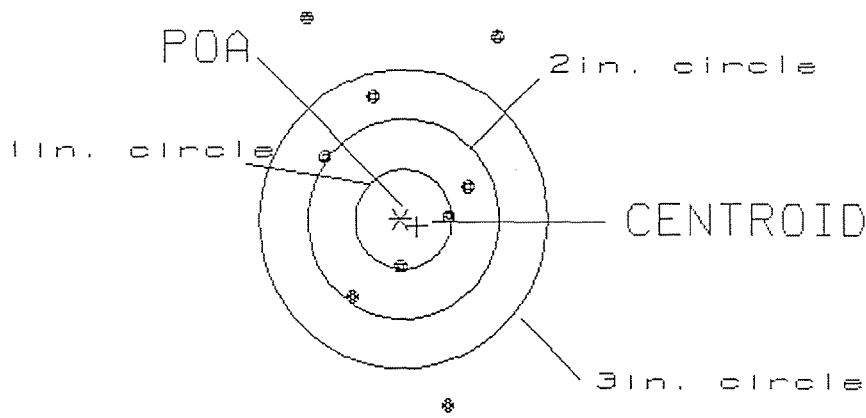
PATTERN #: ☐ 3 ☐

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

REMINGTON CENTERFIRE ACCURACY TEST

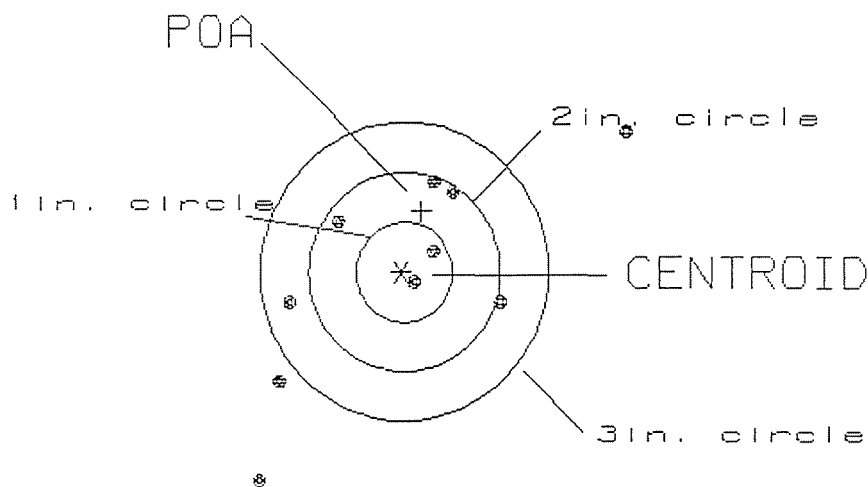
REMINGTON TEST LAB, ILION, N.Y.

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

HS= 3.77
 VS= 3.54
 GS= 5.17

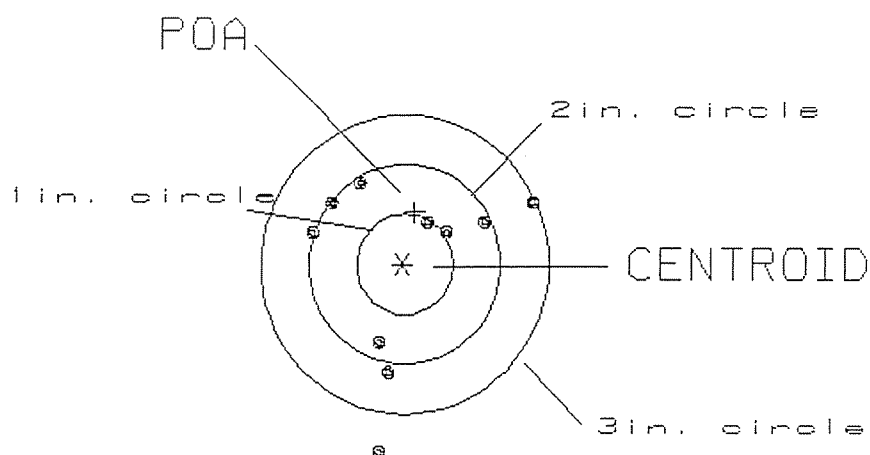
2
 5
 7

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

S.N: 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

12-24-99 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® **DUPONT**
REG. U.S. PAT. & TM. OFF.

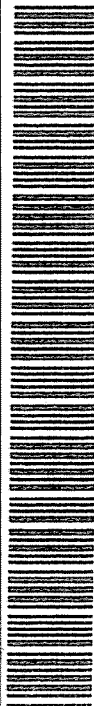
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6498731

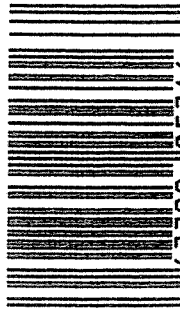
ORDER NO.
5716

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

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498731

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	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	RB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/30/90	TS
	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

op. #	OP. NAME	READINGS					DATE	INIT
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						5/7/98	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

SWS TRIGGER PULL TEST

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 JU

	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

$\frac{S}{2+1}$ * (----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 ARR FOR THIS RIFLE IS: .7992

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B731

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.805

VS = 1.872

GS = 2.441

PATTERN #



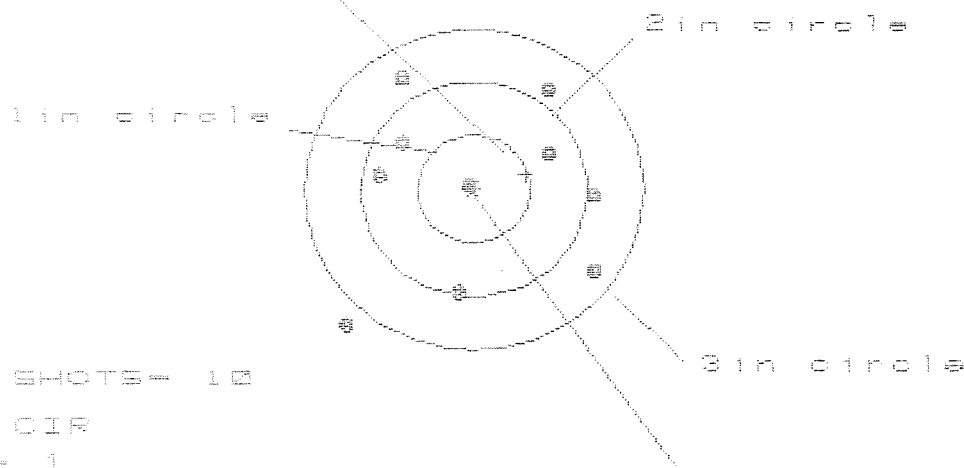
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.888	.786	.551
MINIMUM X	-.917	-.684	-.586
MAXIMUM Y	.824	.878	.787
MINIMUM Y	-1.048	-.956	-1.047
CENTROID X	.006	.108	.010
CENTROID Y	-.338	-.430	-.339
POA TO CENTROID in.	.338	.443	.339
MIN RADIUS	.267	.362	.270
MEAN RADIUS	.787	.738	.679
MAX RADIUS	1.233	1.072	1.048
HORIZONTAL SPREAD	1.805	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	

01 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8495731

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 15

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.226

VS= 2.216

GS= 2.794

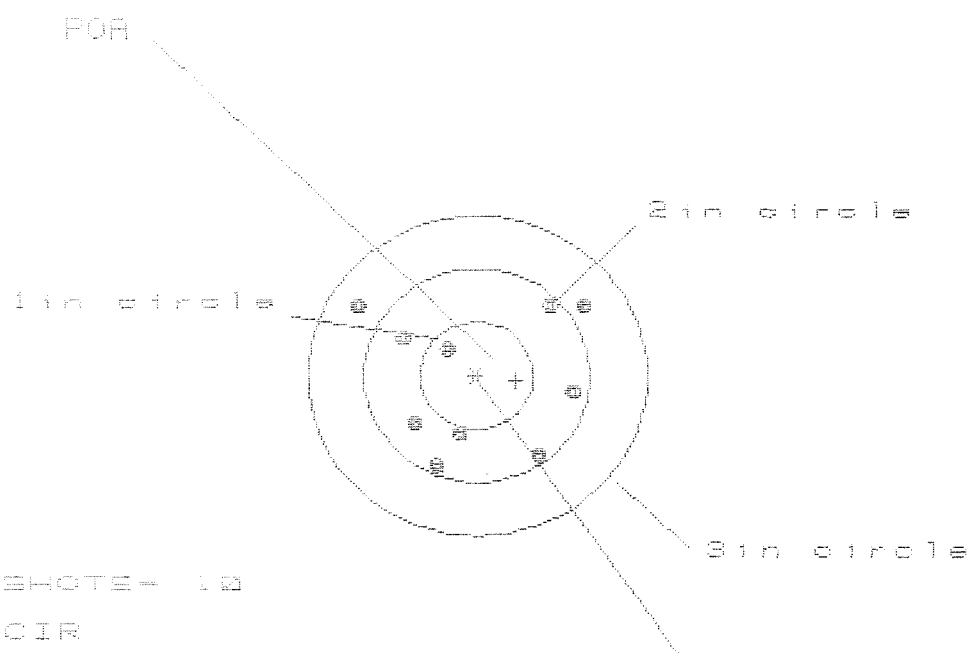
CENTROID *

PATTERN #	:	2		
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	-.005	.101
POA 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	1.880
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/08496731

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.998

VS= 1.555

GS= 2.178

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.976
MINIMUM X	-1.022
MAXIMUM Y	.798
MINIMUM Y	-.856
CENTROID X	-.346
CENTROID Y	.043
POA TO CENTROID in.	.348
MIN RADIUS	.392
MEAN RADIUS	.843
MAX RADIUS	1.239
HORIZONTAL SPREAD	1.998
VERTICAL SPREAD	1.555
EXTREME SPREAD	2.178
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

1) May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498731

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

* OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 1.759

VS= 1.854

GS= 2.269

CENTROID *

PATTERN #

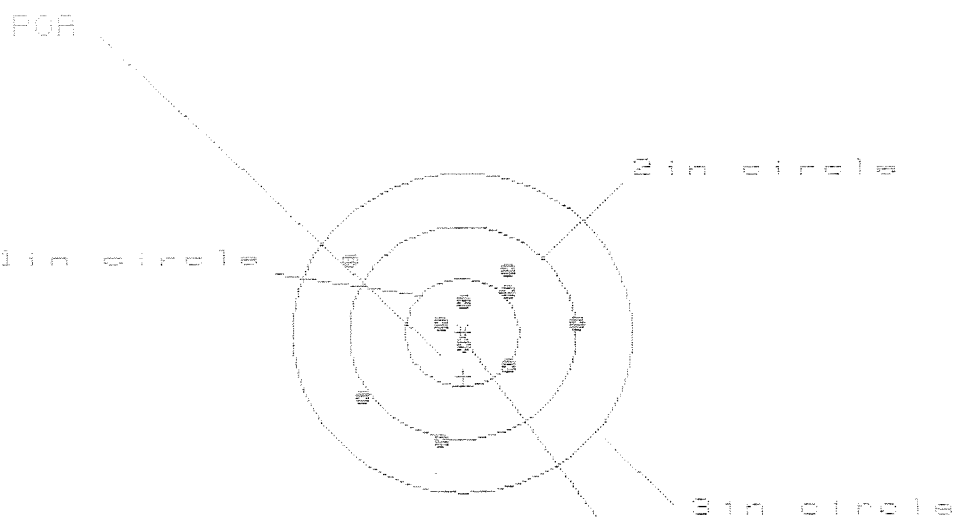
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.995	.712
MINIMUM X	:	-.792	-.774	-.650
MAXIMUM Y	:	.873	.764	.714
MINIMUM Y	:	-.981	-.570	-.520
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 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08438731

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.950

VS= 1.672

GS= 2.062

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
FOR 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	:	2.062	2.010	1.695
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	