

C6498838

78

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



C 6498838

Scope S/N 88-1075

Repair Number: RE00000734		Serial: C6498838 Model 700 Center Fire Caliber: 7.62 SWS M-24, 10F 18		Repairman:																
Verify Repair				Status: New 12/15/99 11:02:54 AM																
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		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></tbody></table>		Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1
Code	Desc	Qty																		
A010	Hard Case	1																		
A016	Scope Mounts	2																		
A017	Scope Base	1																		
A026	Scope	1																		
Fax:		Condition																		
Email:		Notes:																		
Comments:		CSR																		
		Notes:																		
Repair Search		Refresh		Close																

BBL 96003

Repair Order Number



Repair Order Numbe RE00000734	Description/Serial C6498838	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 , 1OF 18	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 BUILDING J-2050 FORT BRAGG NC 28310 US
Phone (H) Phone (W)		Fax Email

Problems	
Reported	Found

Repair					
Material #	MaterialDesc	Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)
Total:					
Serial Number: C6498838					
Model ID: 700					



RE00000734

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

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6498838

7 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .161

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0004

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .161001

THE AMR FOR THIS RIFLE IS: .9848

CENTROIDAL DISTANCES

0	TO	1	.245931
1	TO	2	.662616
1	TO	3	.34798
1	TO	4	.560904
1	TO	5	.540119

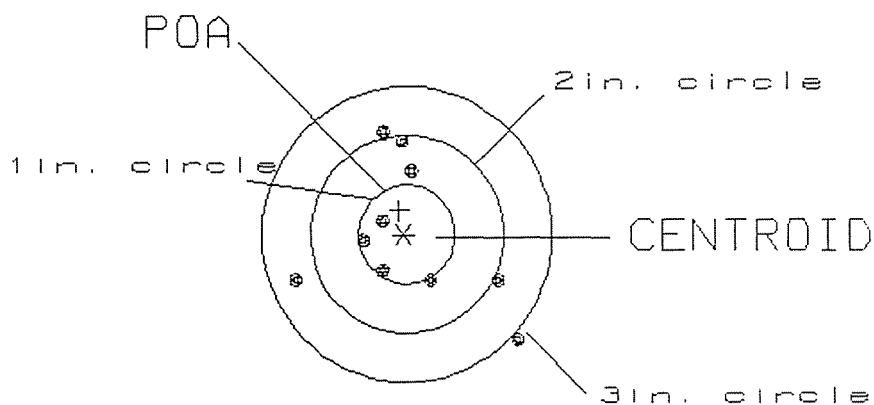
4 2
+ 5----POA
3 1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .246
 MIN RADIUS : .260
 MEAN RADIUS : .815
 MAX RADIUS : 1.520
 CENTROID X : .049
 CENTROID Y : -.241

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.27

3

VS= 2.12

6

GS= 2.54

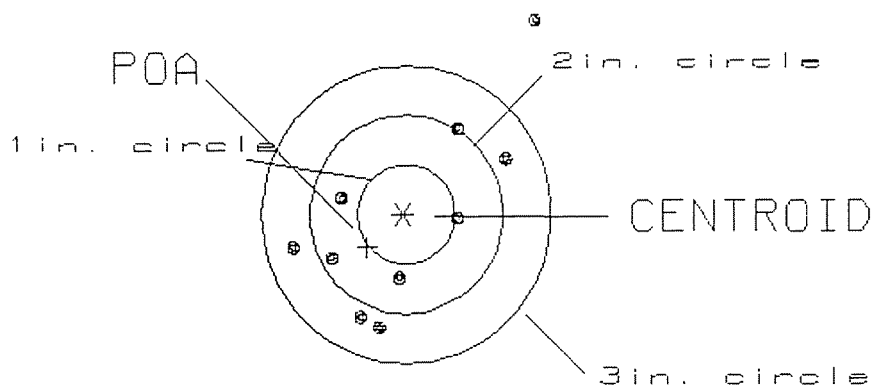
9

PATTERN #: 2
 POA TO CENTROID: .502
 MIN RADIUS : .479
 MEAN RADIUS : 1.073
 MAX RADIUS : 2.402
 CENTROID X : .373
 CENTROID Y : .337

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.50

1

VS= 3.14

4

GS= 3.56

9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .444

MIN RADIUS : .415

MEAN RADIUS : .940

MAX RADIUS : 1.734

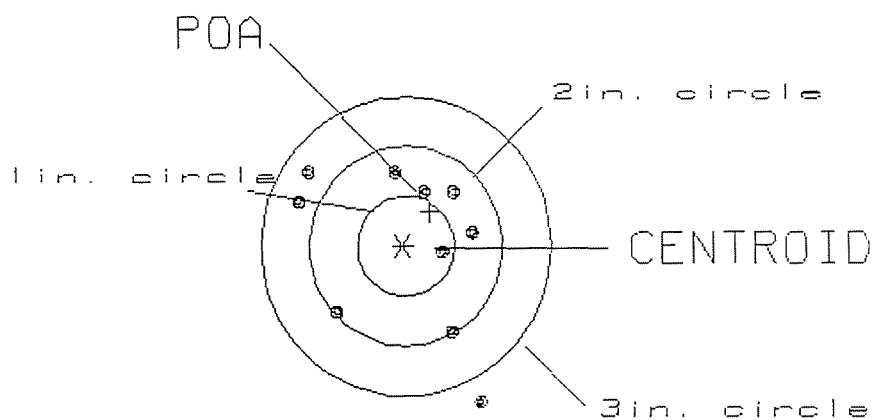
CENTROID X : -.284

CENTROID Y : -.342

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.91

1

VS= 2.32

6

GS= 2.90

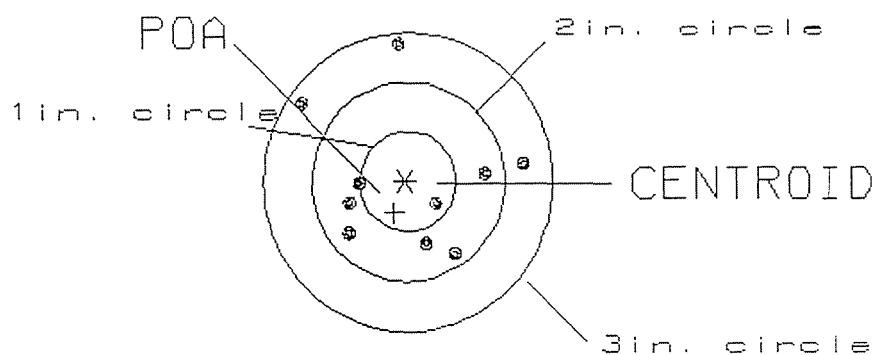
9

PATTERN #: ☐ 4 ☐
POA TO CENTROID: .335
MIN RADIUS : .397
MEAN RADIUS : .856
MAX RADIUS : 1.394
CENTROID X : .106
CENTROID Y : .317

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.26

2

VS= 2.14

7

GS= 2.33

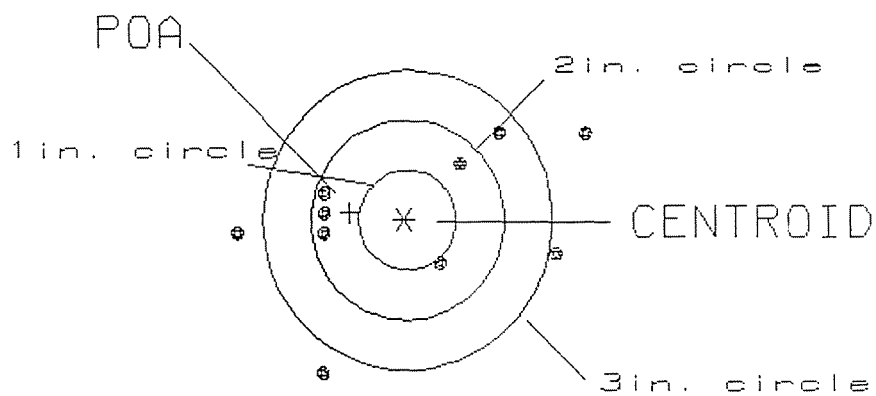
10

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .565
 MIN RADIUS : .558
 MEAN RADIUS : 1.240
 MAX RADIUS : 2.006
 CENTROID X : .561
 CENTROID Y : -.069

7 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6498838.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.56

0

VS= 2.48

5

GS= 3.71

6

Final Inspection

Sn: C6498838

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. C6498838

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	4-3-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Remington®

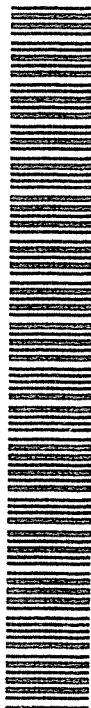


VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

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

01



5716 C6498838

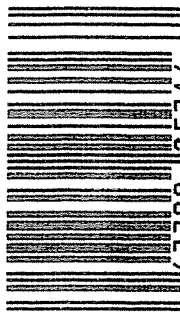
SERIAL NO.

C6498838

ORDER NO.

5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498838

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	Kc R
	Magnaflux Bolt		5/22/90	Kc R
615	Rollmark Caliber		5/22/90	B.S.
617	Drill and Tap Sight Holes		5/23/90	F-B
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6-4-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4		4		4	6/12/90	gcl
	G) Safety Off Force	2		2		2	6/12/90	gcl
	H) Trigger Pull Test & Retainability						6/11/90	gcl
	I) Firing Pin Indent	.022		.0225		.022	6/12/90	gcl
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/14/90	gcl
	L) Attach Front and Rear Sight Assemblies						6/12/90	RW
	M) Iron Sight Alignment						6/12/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/12/90	RW
	O) Attach Scope to Rifle						6/12/90	W.B
	P) Detach & Attach Scope 20 Times						6/12/90	W.B
640	Gallery Target & Test						6-13-90	AC
	A) Time						6-13-90	AC
	B) Malfunctions						6-13-90	AC
	C) Pierced Primers						6-13-90	AC
	D) Optical Clarity of Scope						6-13-90	AC
645	Inspect for Live Ammo						6-13-90	AC
655	Final Inspection						6/14/90	gcl
	A) Headspace							
	B) Trigger Pull	2.10	2.13	2.14	2.16	2.18	6-14-90	gcl
	C) Function						6/14/90	gcl
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. C6498838DATE 6-11-90TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.21	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.42	2.27	2.13	
PULL #3	2.47	2.45	2.30	2.14	
PULL #4	2.11	2.48	2.22	2.16	
PULL #5	2.41	2.48	2.25	2.18	
TOTAL	11.81	12.24	11.25		
AVG.	2.362	2.448	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.20	3.22		
PULL #3	3.14	3.35		
PULL #4	3.28	3.40		
PULL #5	3.47	3.32		
TOTAL	16.35	16.44		
AVG.	3.27	3.288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.25		4.46
PULL #2	4.41	4.29		4.44
PULL #3	4.43	4.26		4.47
PULL #4	4.40	4.23		4.50
PULL #5	4.44	4.38		4.39
TOTAL	22.12	21.41		22.21
AVG.	4.424	4.282		4.442

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498838
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.317616
1 TO	2	.2067
1 TO	3	.138452
1 TO	4	.423449
1 TO	5	.284084

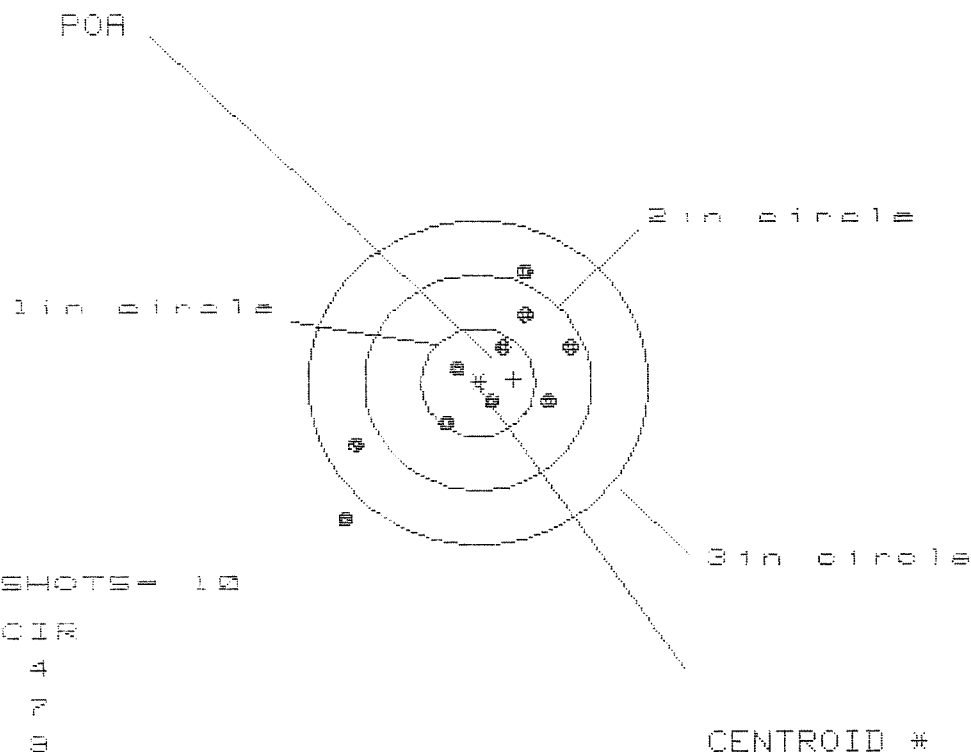
84 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121416
THE AMR FOR THIS RIFLE IS: .7098

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498838

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.947

VS= 2.243

GS= 2.755

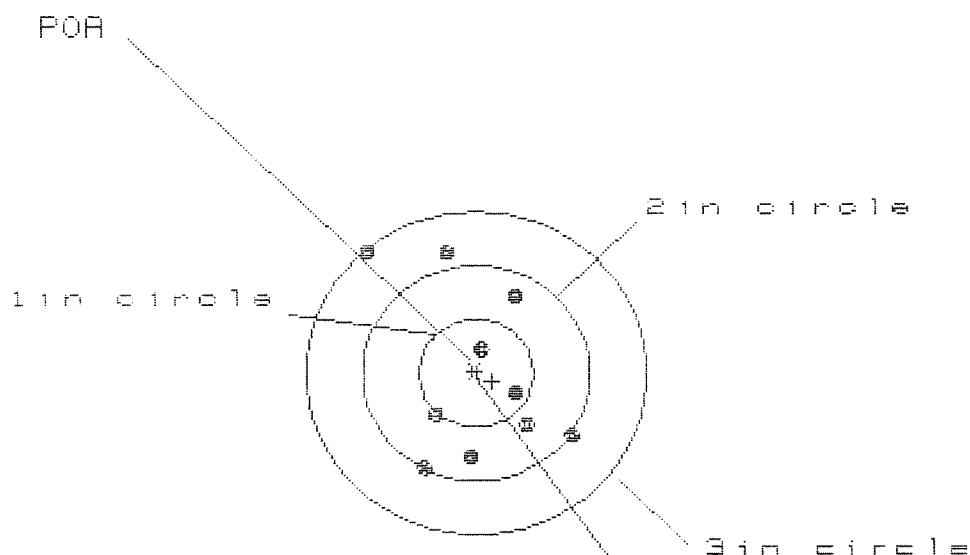
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.808	.682	.534
MINIMUM X	:	-1.139	-1.187	-.603
MAXIMUM Y	:	1.011	.874	.789
MINIMUM Y	:	-1.232	-.674	-.585
CENTROID X	:	-.316	-.189	-.041
CENTROID Y	:	-.032	.105	.190
POA TO CENTROID in.	:	.317	.216	.194
MIN RADIUS	:	.157	.267	.153
MEAN RADIUS	:	.763	.638	.528
MAX RADIUS	:	1.678	1.365	.840
HORIZONTAL SPREAD	:	1.947	1.869	1.137
VERTICAL SPREAD	:	2.243	1.548	1.374
EXTREME SPREAD	:	2.755	2.171	1.585
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0643B838

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.863

VS= 2.037

GS= 2.529

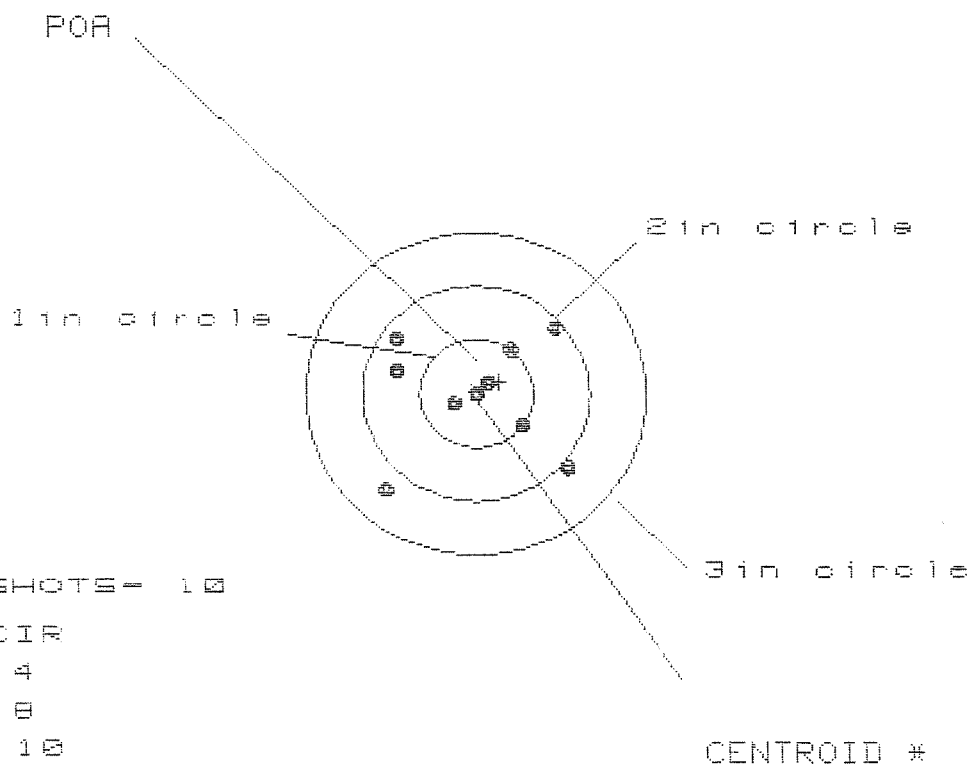
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.760	.720
MINIMUM X	:	-.993	-.522	-.562
MAXIMUM Y	:	1.170	1.299	1.006
MINIMUM Y	:	-.867	-.738	-.575
CENTROID X	:	-.141	-.031	.009
CENTROID Y	:	.078	-.051	-.214
POA TO CENTROID in.	:	.161	.060	.214
MIN RADIUS	:	.242	.210	.213
MEAN RADIUS	:	.805	.692	.587
MAX RADIUS	:	1.526	1.339	1.019
HORIZONTAL SPREAD	:	1.863	1.282	1.282
VERTICAL SPREAD	:	2.037	2.037	1.581
EXTREME SPREAD	:	2.529	2.047	1.740
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG43B838

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 1.589

VS = 1.589

CS = 2.184

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.790	.702	.698
MINIMUM X	-.799	-.749	-.662
MAXIMUM Y	.656	.552	.451
MINIMUM Y	-.933	-.812	-.445
CENTROID X	-.203	-.115	-.202
CENTROID Y	-.112	-.008	.093
POA TO CENTROID in.	.232	.115	.223
MIN RADIUS	.026	.051	.093
MEAN RADIUS	.617	.540	.475
MAX RADIUS	1.228	1.073	.831
HORIZONTAL SPREAD	1.589	1.451	1.360
VERTICAL SPREAD	1.589	1.364	.896
EXTREME SPREAD	2.184	1.875	1.427
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8438838

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.520

VS= 1.499

GS= 2.744

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.879	.313
MINIMUM X	:	-1.477	-.669	-.559
MAXIMUM Y	:	.822	.793	.800
MINIMUM Y	:	-.677	-.706	-.607
CENTROID X	:	.106	.270	.160
CENTROID Y	:	.003	.032	-.067
POA TO CENTROID in.	:	.106	.272	.174
MIN RADIUS	:	.281	.165	.210
MEAN RADIUS	:	.729	.614	.533
MAX RADIUS	:	1.500	1.183	.976
HORIZONTAL SPREAD	:	2.520	1.548	.872
VERTICAL SPREAD	:	1.499	1.499	1.407
EXTREME SPREAD	:	2.744	2.029	1.474
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

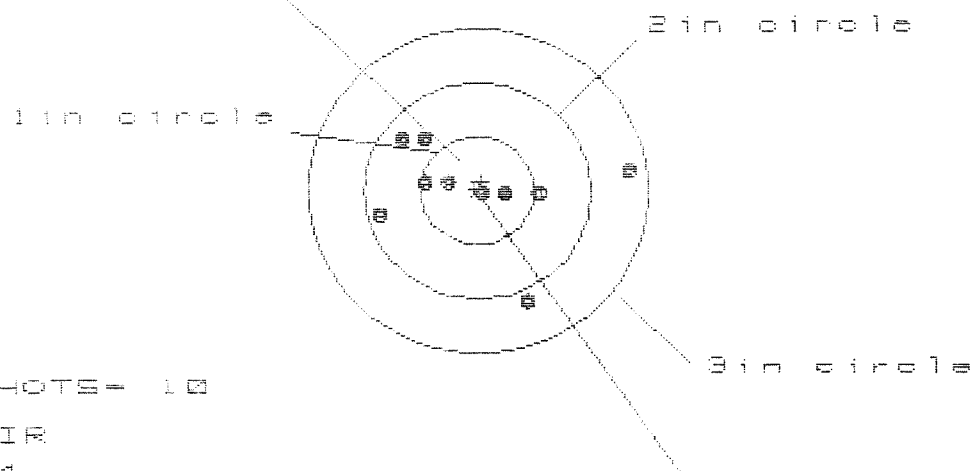
13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B838

CENTERFIRE PATTERNS

5

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 2.131

VS= 1.460

GS= 2.164

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.297	.714	.785
MINIMUM X	:	-.834	-.690	-.619
MAXIMUM Y	:	.484	.501	.381
MINIMUM Y	:	-.976	-.959	-.329
CENTROID X	:	-.036	-.180	-.251
CENTROID Y	:	-.080	-.097	.023
POA TO CENTROID in.	:	.088	.205	.252
MIN RADIUS	:	.075	.161	.022
MEAN RADIUS	:	.635	.552	.451
MAX RADIUS	:	1.306	1.115	.802
HORIZONTAL SPREAD	:	2.131	1.404	1.404
VERTICAL SPREAD	:	1.460	1.460	.710
EXTREME SPREAD	:	2.164	1.783	1.414
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	