

C6611424

MODEL 700TM M24

Model **SMS**TM

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: **RE00009453**

Serial: C6611424 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Status:

New 5/18/00 2:45:41 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

3:28 PM

CAPS

NUM

INS

SCRL



3:28 PM

Serial Number: **C6611424**

Model: **700**



RE00009453

96003 - BBL

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611424
11 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .043
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0525456

THE AMR FOR THIS RIFLE IS: 1.172

CENTROIDAL DISTANCES

0 TO 1	.127738
1 TO 2	.495891
1 TO 3	.39202
1 TO 4	.243666
1 TO 5	.0784092

2
4
+ 3 <----POA
5

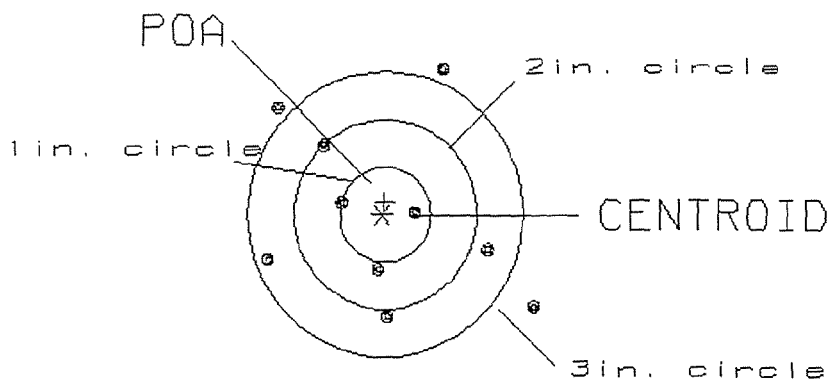
PATTERN #: 010

POA TO CENTROID: .128
 MIN RADIUS : .274
 MEAN RADIUS : 1.089
 MAX RADIUS : 1.886
 CENTROID X : -.021
 CENTROID Y : -.126

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611424.1.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.89
 VS= 2.57
 GS= 3.47

2
 4
 7

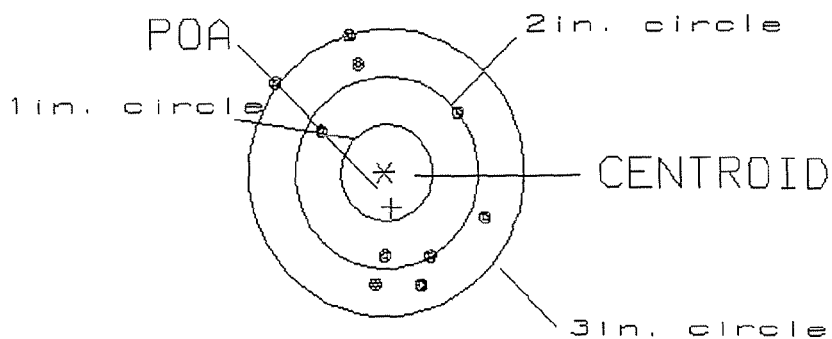
PATTERN #: 2

POA TO CENTROID: .376
 MIN RADIUS : .814
 MEAN RADIUS : 1.148
 MAX RADIUS : 1.529
 CENTROID X : -.083
 CENTROID Y : .366

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611424.1.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.31
 VS= 2.58
 GS= 2.72

0
 3
 9

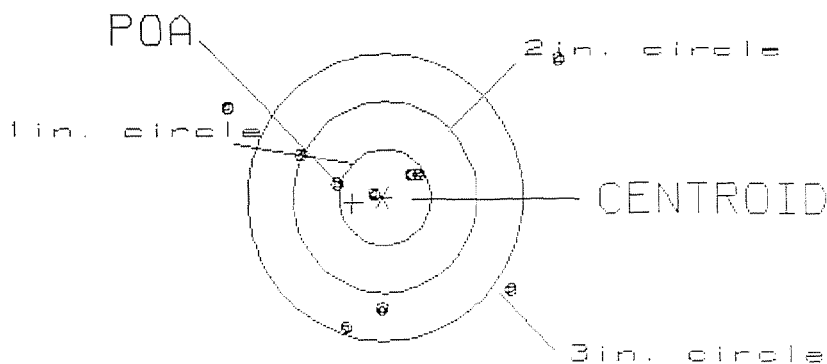
PATTERN #: 3

POA TO CENTROID: .329
 MIN RADIUS : .168
 MEAN RADIUS : 1.120
 MAX RADIUS : 2.390
 CENTROID X : .323
 CENTROID Y : .062

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611424.1.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.62

3

VS= 2.77

4

GS= 3.66

7

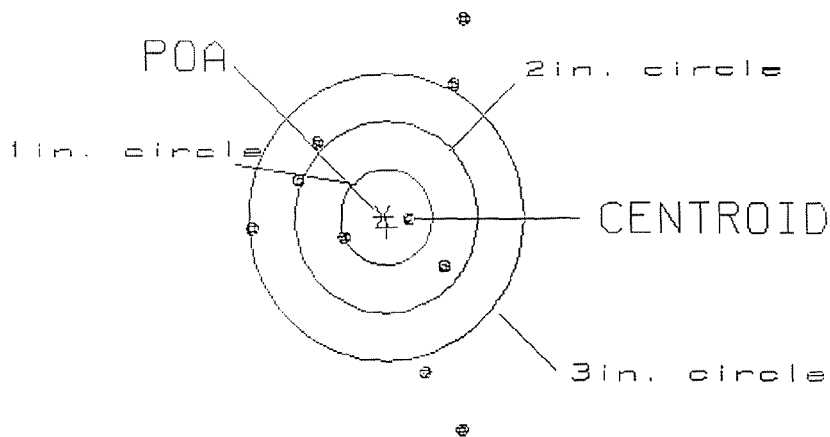
PATTERN #: 4

POA TO CENTROID: .123
 MIN RADIUS : .198
 MEAN RADIUS : 1.285
 MAX RADIUS : 2.385
 CENTROID X : -.039
 CENTROID Y : .117

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611424.1.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.32

2

VS= 4.29

3

GS= 4.29

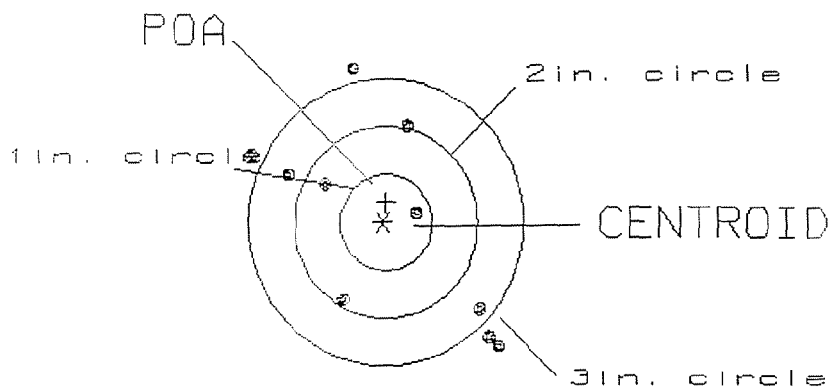
6

PATTERN #: 5
 POA TO CENTROID: .206
 MIN RADIUS : .359
 MEAN RADIUS : 1.219
 MAX RADIUS : 1.799
 CENTROID X : -.029
 CENTROID Y : -.204

11 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611424.1.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.68
 VS= 2.93
 GS= 3.33

1
 3
 6

FINAL INSPECTION

SN: C6611424

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 Screws

☒ SCREWS

☐ FINISH

☐ LOOSENESS

☐ CLARITY

Misc.

☐ DD-350

☐ BAR CODE

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

R & E NUMBER	0000 9453		
SERIAL NUMBER	C6611424		
LOG-IN DATE	5-12-00		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-15-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-23-00	RW
605	CHECK HEADSPACE	5-23-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	9-5-00	CK
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-7-00	RW
655	FINAL INSPECT	9-11-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]

MODEL 700[™] H24

DU PONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6611424

ORDER NO.
5716

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

20



5716 C6611424

UPC



0 47700 25716 7

2.89
GFM

GUN SERIAL #

C6611424

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun	1 25	91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	FB
618	Polish Barrel RBB	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/16/91	JL
	I) Firing Pin Indent	.0205	.0205	.0205			2/16/91	WB
	J) Assemble Stock						2/18/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/18/91	RW
	M) Iron Sight Alignment						2/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/18/91	RW
	O) Attach Scope to Rifle						2/18/91	RW
	P) Detach & Attach Scope 20 Times						2/18/91	RW
640	Gallery Target & Test						2/14/91	RJ
	A) Time							RJ
	B) Malfunctions							RJ
	C) Pierced Primers							RJ
	D) Optical Clarity of Scope							RJ
645	Inspect for Live Ammo						2/19/91	RJ
655	Final Inspection							
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.40	2.34	2.34	2.35	2.29	2/22/91	JL
	C) Function						2-25-91	A
660	Pack						3-14-91	RF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06611424

DATE 2/16/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.50	2.40		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.48	2.34		
PULL #3	2.20	2.43	2.34		
PULL #4	2.19	2.42	2.35		
PULL #5	2.21	2.38	2.29		
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.26		
PULL #2	3.20	3.27		
PULL #3	3.23	3.22		
PULL #4	3.23	3.21		
PULL #5	3.33	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.46		4.41
PULL #2	4.32	4.44		4.45
PULL #3	4.22	4.42		4.41
PULL #4	4.16	4.33		4.31
PULL #5	4.15	4.34		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611424
20 Feb 1991

CENTROIDAL DISTANCES

0 TO 1	.174011
1 TO 2	.133004
1 TO 3	.127012
1 TO 4	.153118
1 TO 5	.104623

←----POA

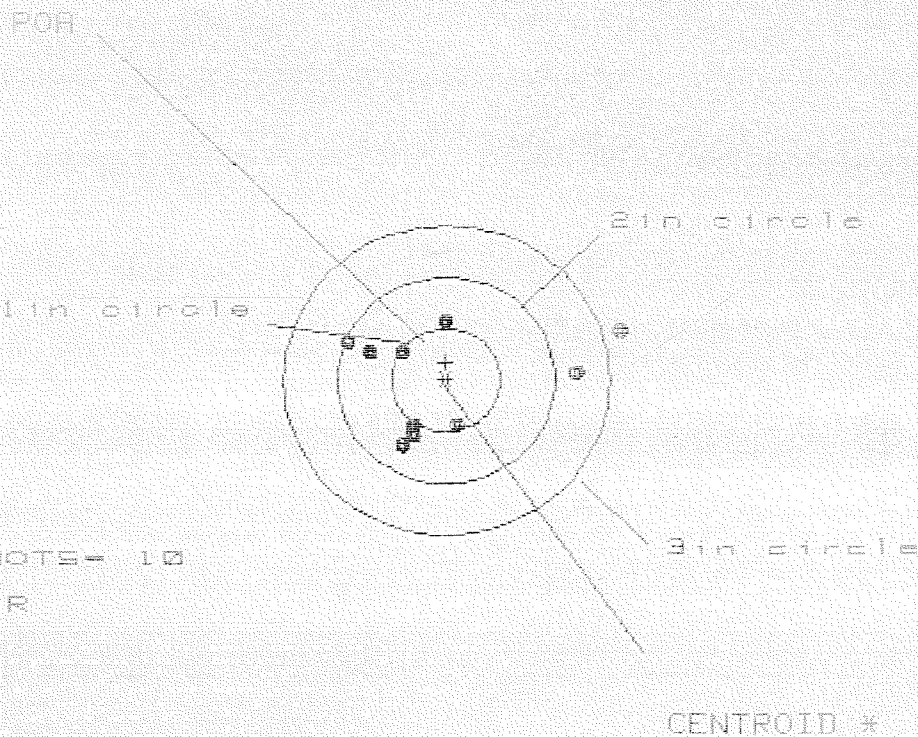
THE AVERAGE X COORDINATE FOR THIS RIFLE IS: .0254
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: -.111
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114096

THE AVE FOR THIS RIFLE IS: .9644

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611424

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.495

VS= 1.221

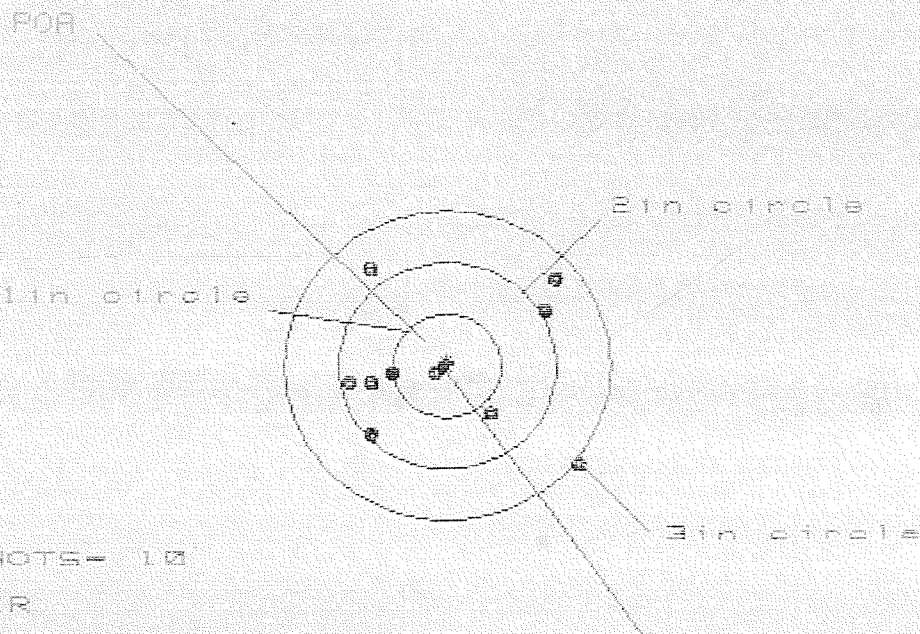
GS= 2.499

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.627	1.344	.462
MINIMUM X	:	-.868	-.688	-.519
MAXIMUM Y	:	.555	.611	.627
MINIMUM Y	:	-.666	-.610	-.594
CENTROID X	:	.002	-.178	-.347
CENTROID Y	:	-.174	-.230	-.246
POA TO CENTROID in.	:	.174	.291	.425
MIN RADIUS	:	.401	.359	.330
MEAN RADIUS	:	.791	.643	.530
MAX RADIUS	:	1.705	1.350	.731
HORIZONTAL SPREAD	:	2.495	2.032	.981
VERTICAL SPREAD	:	1.221	1.221	1.221
EXTREME SPREAD	:	2.499	2.053	1.286
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611424

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.000

VS= 1.908

GS= 2.696

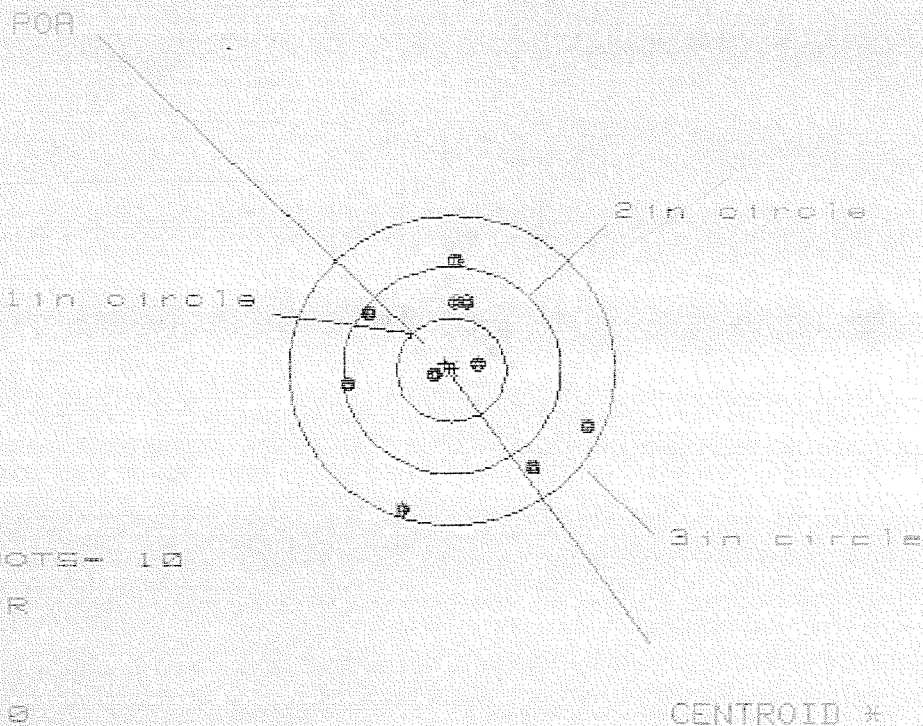
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.122	1.179
MINIMUM X	:	-.864	-.728	-.588
MAXIMUM Y	:	.956	.850	.948
MINIMUM Y	:	-.952	-.749	-.651
CENTROID X	:	.001	-.135	-.275
CENTROID Y	:	-.041	.065	-.033
FOR TO CENTROID in.	:	.041	.150	.277
MIN RADIUS	:	.127	.193	.202
MEAN RADIUS	:	.890	.799	.677
MAX RADIUS	:	1.551	1.369	1.302
HORIZONTAL SPREAD	:	2.088	1.850	1.767
VERTICAL SPREAD	:	1.908	1.599	1.599
EXTREME SPREAD	:	2.696	2.280	2.006
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08611424

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.169

VS= 2.420

GS= 2.470

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.224	1.171	.807
MINIMUM X	-.945	-.998	-.852
MAXIMUM Y	1.076	.927	.836
MINIMUM Y	-1.344	-1.065	-1.156
CENTROID X	.058	.111	-.035
CENTROID Y	-.060	.089	.180
POB TO CENTROID in.	.084	.142	.183
MIN RADIUS	.205	.209	.297
MEAN RADIUS	.865	.780	.606
MAX RADIUS	1.426	1.379	1.410
HORIZONTAL SPREAD	2.169	2.169	1.659
VERTICAL SPREAD	2.420	1.992	1.992
EXTREME SPREAD	2.470	2.310	2.118
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611424

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS-- 12

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.899

VS= 2.367

GS= 2.572

PATTERN #

4

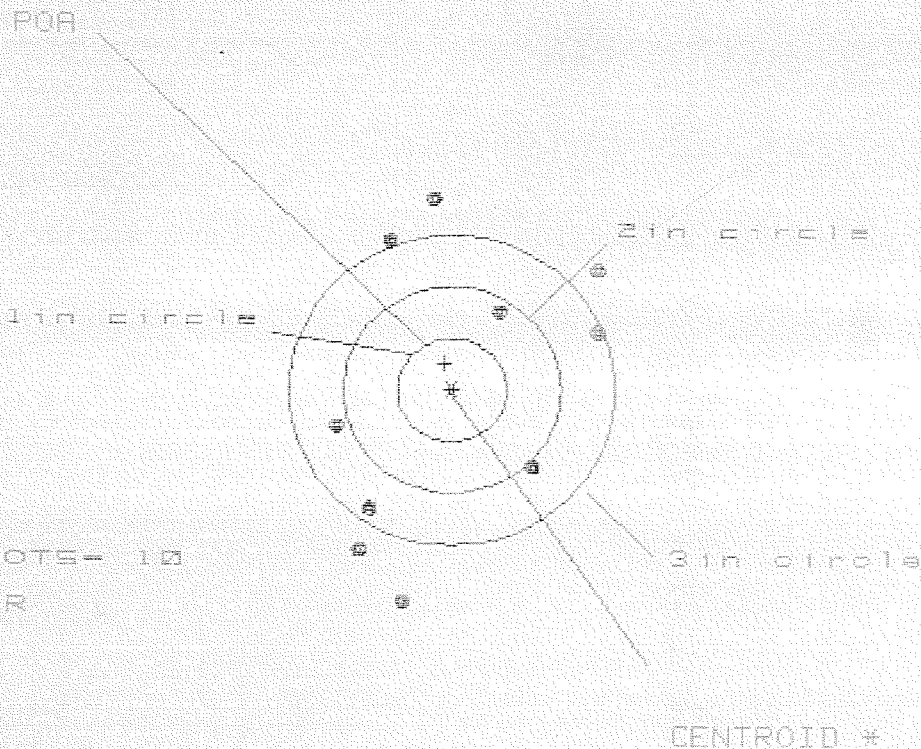
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.258	1.188	.575
MINIMUM X	-.641	-.711	-.562
MAXIMUM Y	1.669	.612	.679
MINIMUM Y	-.698	-.512	-.445
CENTROID X	.008	.078	-.071
CENTROID Y	-.021	-.287	-.274
POA TO CENTROID in.	.023	.221	.283
MIN RADIUS	.343	.436	.284
MEAN RADIUS	.782	.648	.530
MAX RADIUS	1.783	1.383	.746
HORIZONTAL SPREAD	1.899	1.899	1.137
VERTICAL SPREAD	2.367	1.124	1.124
EXTREME SPREAD	2.572	2.032	1.196
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11424

CENTERFIRE PATTERNS # 5



* OF SHOTS= 10

IN CIR

1in = 0

2in = 1

3in = 5

HS= 2.429

VS= 3.856

GS= 3.872

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.385	1.332	1.388
MINIMUM X	-1.044	-1.097	-1.120
MAXIMUM Y	1.864	1.643	1.453
MINIMUM Y	-1.992	-1.743	-1.533
CENTROID X	.063	.116	.139
CENTROID Y	-.259	-.038	-.243
POA TO CENTROID in.	.266	.122	.280
MIN RADIUS	.875	.666	.822
MEAN RADIUS	1.494	1.411	1.374
MAX RADIUS	2.049	1.948	1.779
HORIZONTAL SPREAD	2.429	2.429	2.429
VERTICAL SPREAD	3.856	3.386	3.001
EXTREME SPREAD	3.872	3.455	3.444
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		1	
NUMBER IN THREE INCH CIRCLE =		5	