

C6611424

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*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

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

Start Inbo... Micr... SAP... Nag... Audit R&... Ar... Print... Part... Sto... 3:28 PM

Serial Number: **C6611424**

Model: **700**



RE00009453

96003 - BBL

BARBER - M24 0076602

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

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

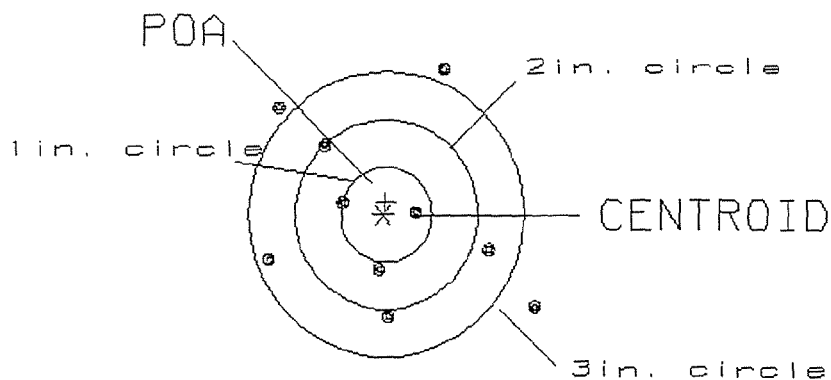
PATTERN #: 010

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

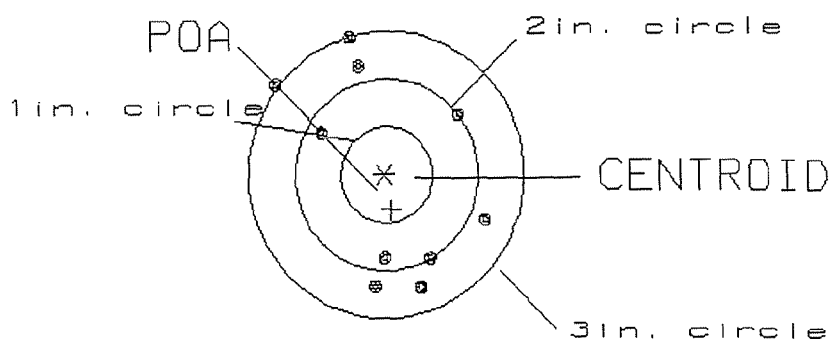
PATTERN #: 2

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

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

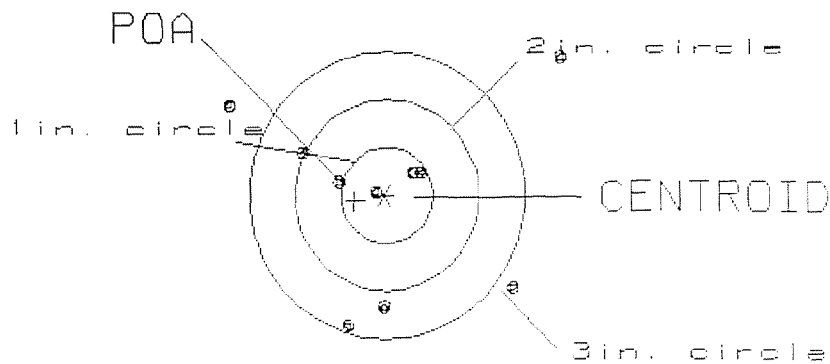
PATTERN #: 3

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

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

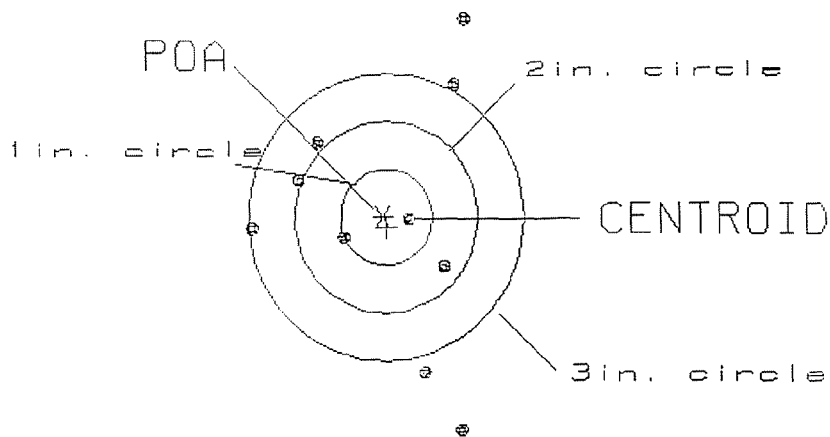
PATTERN #: 4

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

REMINGTON CENTERFIRE ACCURACY TEST

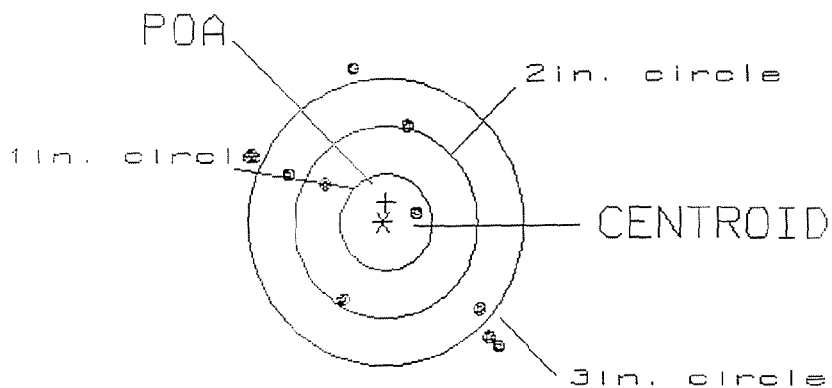
REMINGTON TEST LAB, ILION, N.Y.

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:

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

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. 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. #	BARBER M24 0076612	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	2/22/91	RJ
	C) Function				2-25-91	A
660	Pack				3-14-91	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06611424DATE 2/16/91TESTER [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 # 06611424
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

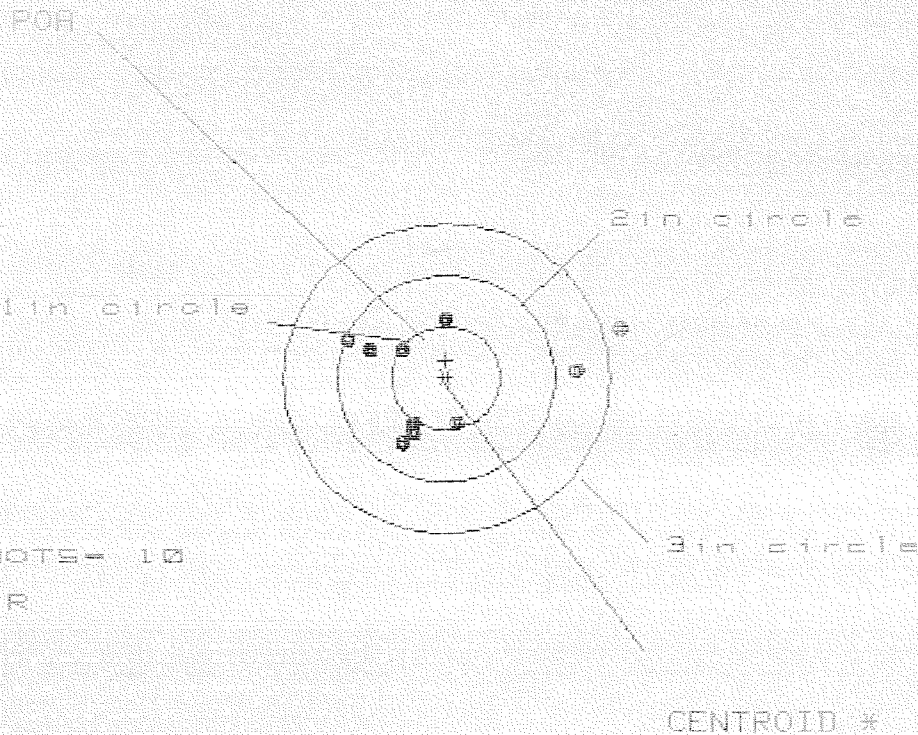
THE AVERAGE X COORDINATE FOR THIS RIFLE IS: .0254
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: -.111
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114096

THE AVE FOR THIS RIFLE IS: .9644

20 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611424

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.495

VS= 1.221

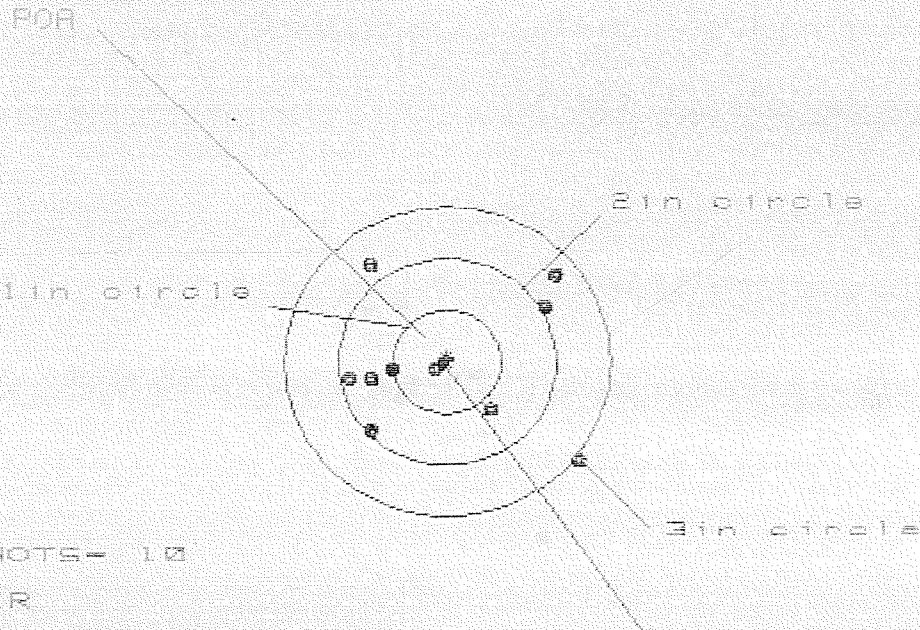
GS= 2.499

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/C6611424

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

CENTROID #

HS= 2.000

VS= 1.908

GS= 2.696

PATTERN #	1	2	3
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
POA 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	6	9
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

28 Feb 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08611424

CENTERFIRE PATTERNS

3

POB

1 in circle

2 in circle

3 in circle

CENTROID *

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

.059

.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-- 10

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

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 1

3in = 5

HS= 2.429

VS= 3.856

GS= 3.872

CENTROID *

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	