

Smead®

FORM

UPC



6665876

*INCLUDES 1 IN CHAMBER

TM M24

ORDER NO.	5716
BARREL LENGTH	
MANUFACTURE	

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.MODEL 700 TM M24

SERIAL NO.

C6665876

ORDER NO.

5716

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

20

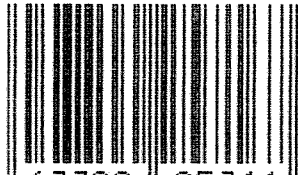


5716 C6665876

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665876

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	RS
600	Proof		10/1/91	RS
607	Check Headspace		10/1/91	RS
610	Dis-assemble Gun		10/1/91	RS
612	Magnaflux Barrel Action		10/10/91	KCR
	Magnaflux Bolt		10/10/91	KCR
615	Rollmark Caliber		10/10/91	GS
617	Drill and Tap Sight Holes		10/11/91	FB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/8/91	TJA
	Apply Coating (Bolt)		11/8/91	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	RS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	RS
	C) Inspect Ejector Hole for Chamfer		12/3/91	RS
	D) Oil Firing Pin Ass'y		12/3/91	RS
	E) Adjust Trigger Pull to Min Setting and Stake		12-9-91	GH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12-9-91	JK
	G) Safety Off Force	3	3	3			12-9-91	JK
	H) Trigger Pull Test & Retainability						12-9-91	JK
	I) Firing Pin Indent	10205	10205	10205			12-9-91	JK
	J) Assemble Stock						12/9/91	JK
	K) Assemble Swivel Studs						12/10/91	JK
	L) Attach Front and Rear Sight Assemblies						12/9/91	JK
	M) Iron Sight Alignment						12/9/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/9/91	JK
	O) Attach Scope to Rifle						12/9/91	JK
	P) Detach & Attach Scope 20 Times						12/9/91	JK
640	Gallery Target & Test						12/10/91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						12/10/91	JK
655	Final Inspection							
	A) Headspace						12-13-91	JK
	B) Trigger Pull	2.62	2.35	2.32	2.31	2.43	12-12-91	JK
	C) Function						12-13-91	JK
660	Pack						12-17-91	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6665876

DATE 12-9-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.44	2.50	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.49	2.53	2.35	
PULL #3	2.43	2.48	2.49	2.52	
PULL #4	2.47	2.48	2.44	2.51	
PULL #5	2.47	2.47	2.51	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.59		
PULL #2	3.56	3.56		
PULL #3	3.59	3.48		
PULL #4	3.49	3.45		
PULL #5	3.44	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.35		4.44
PULL #2	4.43	4.38		4.41
PULL #3	4.32	4.44		4.52
PULL #4	4.25	4.45		4.42
PULL #5	4.34	4.41		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6685876
11 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.439524
1 TO 2	.85689
1 TO 3	.531369
1 TO 4	.314892
1 TO 5	.280885

-----POA

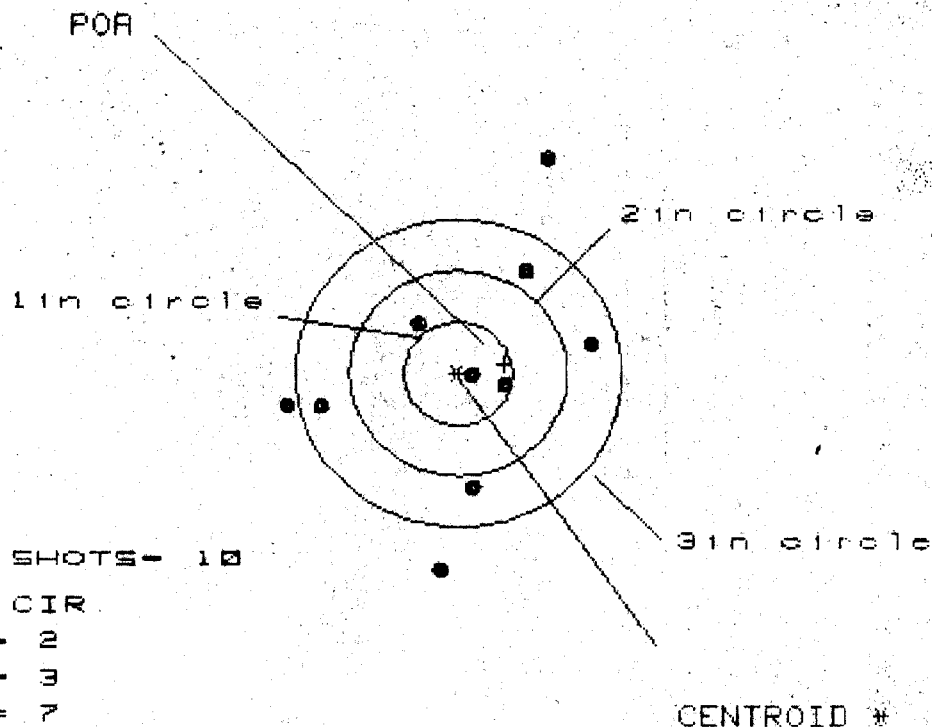
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1162
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162364

THE AMR FOR THIS RIFLE IS: 1.223

11 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665876.1

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 2.794

VS = 4.019

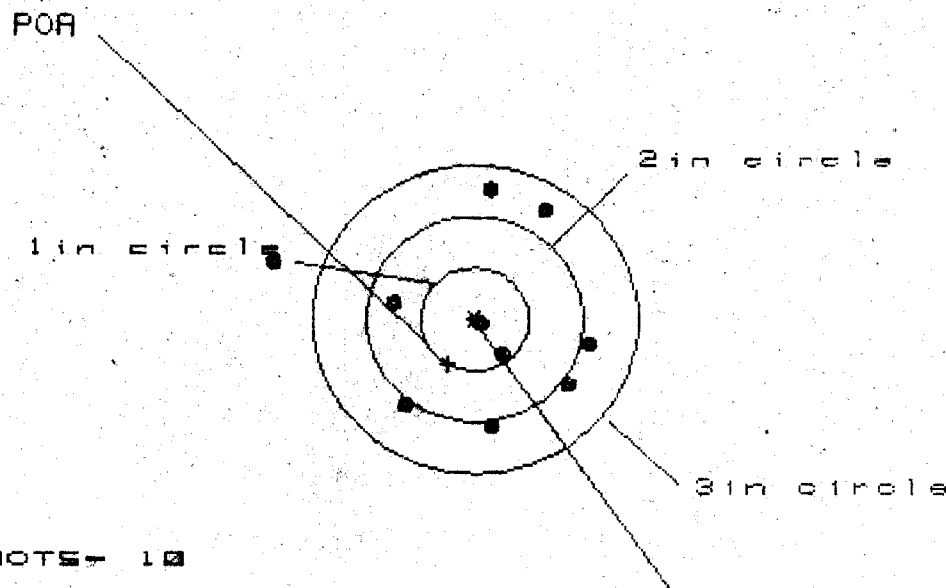
GS = 4.148

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.193	1.289	1.281
MINIMUM X	-1.601	-1.505	-1.513
MAXIMUM Y	2.135	1.186	.980
MINIMUM Y	-1.885	-1.647	-1.114
CENTROID X	-.430	-.526	-.518
CENTROID Y	-.091	-.329	-.123
POA TO CENTROID in.	.439	.620	.533
MIN RADIUS	.126	.336	.219
MEAN RADIUS	1.179	1.071	.964
MAX RADIUS	2.304	1.648	1.540
HORIZONTAL SPREAD	2.794	2.794	2.794
VERTICAL SPREAD	4.019	2.833	2.094
EXTREME SPREAD	4.148	2.944	2.855
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

(1 Dec 1991)

FILE:/PATTERNING/CENTERFIRE_PATT/CG6685876.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS = 2.914

VS = 2.274

GS = 3.012

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.029	.819	.814
MINIMUM X	-1.885	-.989	-.994
MAXIMUM Y	1.261	1.323	1.252
MINIMUM Y	-1.013	-.951	-.786
CENTROID X	.248	.458	.463
CENTROID Y	.433	.371	.206
POA TO CENTROID in.	.499	.589	.506
MIN RADIUS	.093	.135	.161
MEAN RADIUS	1.000	.862	.779
MAX RADIUS	1.965	1.323	1.324
HORIZONTAL SPREAD	2.914	1.808	1.808
VERTICAL SPREAD	2.274	2.274	2.038
EXTREME SPREAD	3.012	2.274	2.248
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

11 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665876.1

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 1

3 in = 5

HS = 2.123

VS = 3.483

GS = 3.661

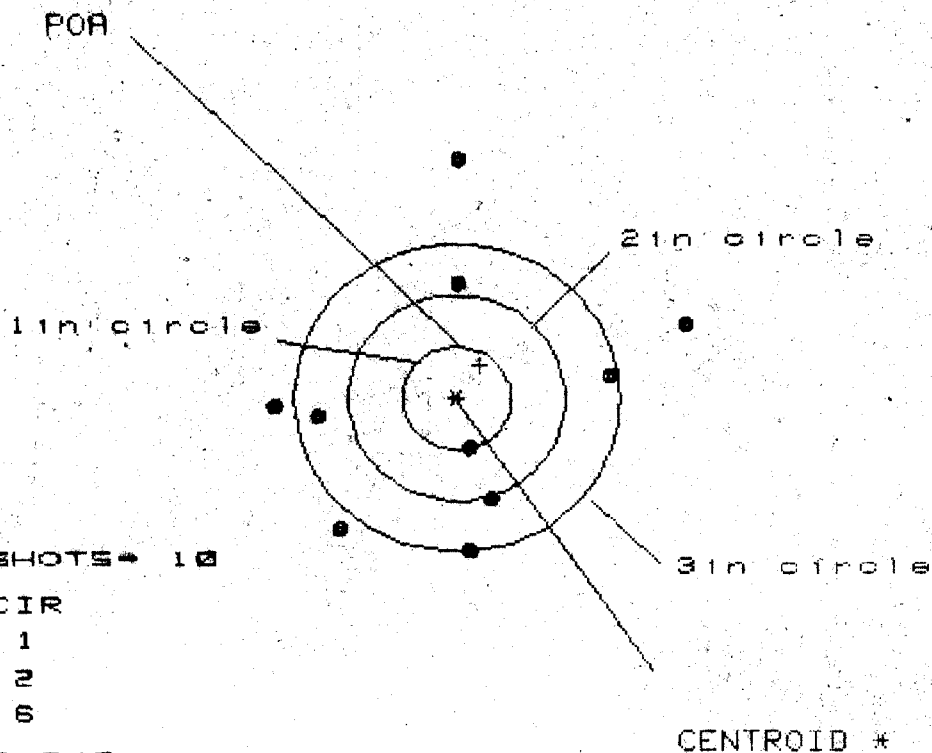
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.180	1.103	1.097
MINIMUM X	-.953	-1.030	-1.036
MAXIMUM Y	1.546	1.331	1.066
MINIMUM Y	-1.937	-2.122	-2.091
CENTROID X	.003	.000	.086
CENTROID Y	-.399	-.184	.081
POA TO CENTROID in.	.399	.201	.118
MIN RADIUS	.307	.422	.591
MEAN RADIUS	1.422	1.322	1.170
MAX RADIUS	2.056	2.123	2.131
HORIZONTAL SPREAD	2.133	2.133	2.133
VERTICAL SPREAD	3.483	3.453	3.157
EXTREME SPREAD	3.661	3.527	3.370
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	1	1	1
NUMBER IN THREE INCH CIRCLE =	5	5	5

11 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/CG865876.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS = 3.848

VS = 3.829

GS = 3.946

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE

NUMBER IN TWO

NUMBER IN THREE

:

10

9

8

2.137

2.138

1.658

-1.711

-1.710

-1.443

2.366

1.412

1.539

-1.463

-1.200

-1.073

-.216

-.217

-.484

-.322

-.585

-.712

.387

.624

.861

.456

.223

.414

1.481

1.324

1.173

2.366

2.369

1.758

3.848

3.848

3.101

3.829

2.612

2.612

3.946

3.946

3.116

=

1

=

2

=

6

11 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8685876.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 4

3 in - 7

HS = 2.235

VS = 3.512

GS = 3.670

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	1.098	1.111
MINIMUM X	-1.040	-1.137	-1.124
MAXIMUM Y	1.678	1.474	1.043
MINIMUM Y	-1.034	-1.239	-1.054
CENTROID X	-.172	-.075	-.088
CENTROID Y	-.202	.002	-.183
POA TO CENTROID in.	.265	.075	.203
MIN RADIUS	.069	.197	.019
MEAN RADIUS	1.031	.936	.823
MAX RADIUS	2.029	1.478	1.521
HORIZONTAL SPREAD	2.235	2.235	2.235
VERTICAL SPREAD	3.512	2.713	2.097
EXTREME SPREAD	3.670	2.772	2.772
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665876
10 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.445583
1 TO	2	.559837
1 TO	3	.858967
1 TO	4	.183774
1 TO	5	.949739

3⁴ 5 <----POA

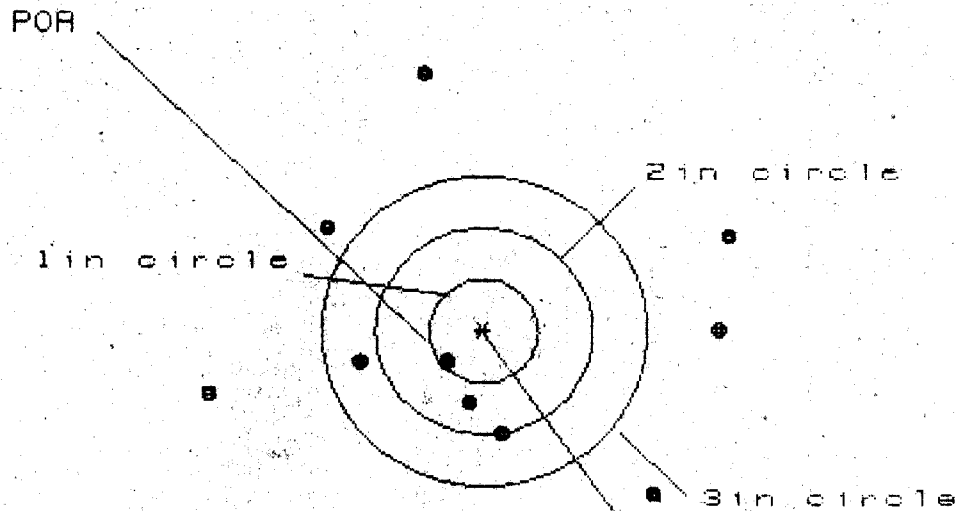
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0874
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0880166

THE AMR FOR THIS RIFLE IS: 1.587

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665876

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 2

3 in - 4

HS- 4.073

VS- 4.073

GS- 5.094

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.300	2.014	1.914
MINIMUM X	-2.573	-1.728	-1.828
MAXIMUM Y	2.509	2.443	1.297
MINIMUM Y	-1.564	-1.630	-1.325
CENTROID X	.340	.626	.726
CENTROID Y	.288	.354	.049
POA TO CENTROID in.	.445	.719	.728
MIN RADIUS	.442	.716	.714
MEAN RADIUS	1.711	1.641	1.465
MAX RADIUS	2.642	2.571	2.242
HORIZONTAL SPREAD	4.873	3.742	3.742
VERTICAL SPREAD	4.073	4.073	2.622
EXTREME SPREAD	5.094	4.565	3.975
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	4		

18 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865876

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 1

3 in = 5

HS= 3.090

VS= 4.532

GS= 4.561

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.787	1.827	1.376
MINIMUM X	:	-1.303	-1.263	-1.035
MAXIMUM Y	:	1.795	1.491	1.578
MINIMUM Y	:	-2.737	-2.270	-2.183
CENTROID X	:	-.134	-.174	-.402
CENTROID Y	:	-.535	-.231	-.318
POA TO CENTROID in.	:	.551	.289	.513
MIN RADIUS	:	.489	.263	.503
MEAN RADIUS	:	1.600	1.420	1.338
MAX RADIUS	:	2.761	2.288	2.184
HORIZONTAL SPREAD	:	3.090	3.090	2.411
VERTICAL SPREAD	:	4.532	3.761	3.761
EXTREME SPREAD	:	4.561	3.948	3.948
NUMBER IN ONE INCH CIRCLE	=	1	1	1
NUMBER IN TWO INCH CIRCLE	=	1	1	1
NUMBER IN THREE INCH CIRCLE	=	5	5	5

10 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685876

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 2

3 in = 3

HS = 4.320

VS = 5.099

GS = 5.800

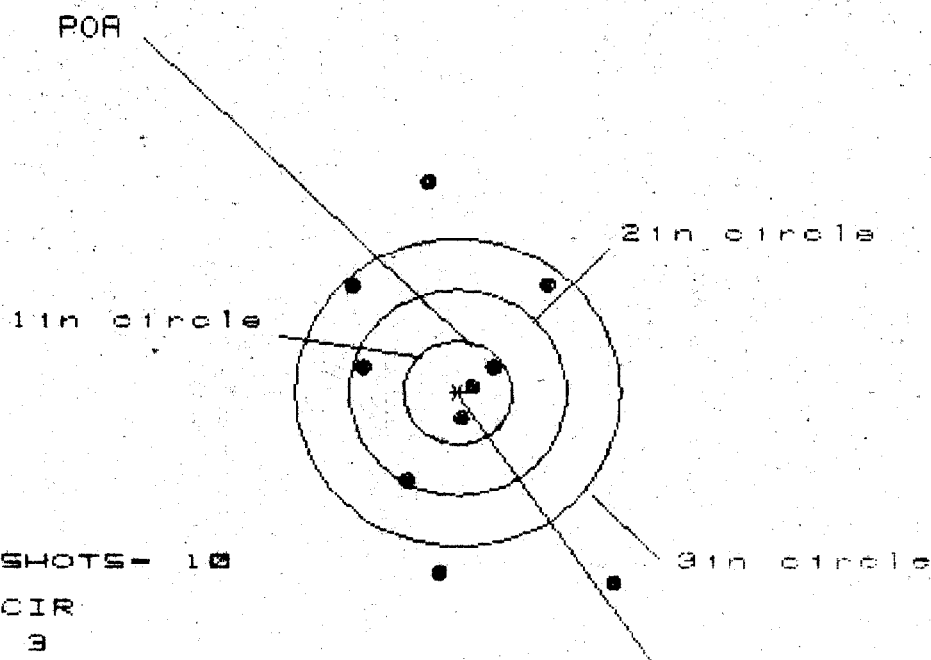
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.606	2.808	1.930
MINIMUM X	:	-1.714	-1.512	-1.161
MAXIMUM Y	:	2.753	1.794	1.966
MINIMUM Y	:	-2.341	-2.035	-1.863
CENTROID X	:	.278	.076	-.275
CENTROID Y	:	.115	-.191	-.363
POA TO CENTROID in.	:	.301	.206	.455
MIN RADIUS	:	.725	.406	.464
MEAN RADIUS	:	1.890	1.673	1.432
MAX RADIUS	:	3.301	3.126	2.229
HORIZONTAL SPREAD	:	4.320	4.320	3.091
VERTICAL SPREAD	:	5.099	3.829	3.829
EXTREME SPREAD	:	5.800	4.926	3.838
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	3		

18 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665876

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.485

VS= 3.945

GS= 4.328

CENTROID *

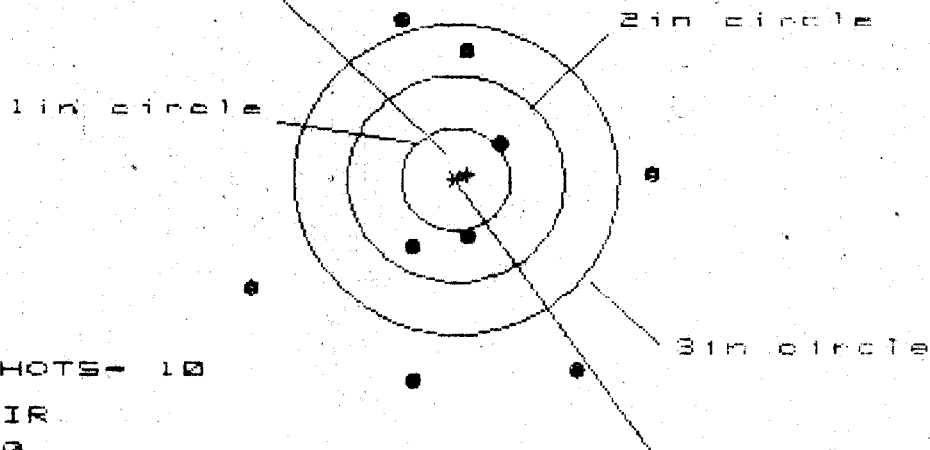
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.468	.999	.981
MINIMUM X	:	-1.017	-.854	-.872
MAXIMUM Y	:	2.097	1.891	1.039
MINIMUM Y	:	-1.848	-1.931	-1.694
CENTROID X	:	-.328	-.491	-.473
CENTROID Y	:	-.252	-.046	-.283
POA TO CENTROID in.	:	.414	.494	.551
MIN RADIUS	:	.192	.358	.296
MEAN RADIUS	:	1.164	1.043	.907
MAX RADIUS	:	2.360	1.931	1.694
HORIZONTAL SPREAD	:	2.485	1.853	1.853
VERTICAL SPREAD	:	3.945	3.822	2.733
EXTREME SPREAD	:	4.328	3.826	2.901
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

10 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/CGB85876

CENTERFIRE PATTERNS # 2

POB



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 4

HS= 3.757

VS= 4.790

GS= 4.876

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.846	1.797	1.552
MINIMUM X	:	-1.911	-1.960	-1.796
MAXIMUM Y	:	2.805	1.871	1.778
MINIMUM Y	:	-1.985	-1.674	-1.767
CENTROID X	:	-.104	-.055	.190
CENTROID Y	:	-.053	-.364	-.271
POB TO CENTROID in.	:	.117	.369	.331
MIN RADIUS	:	.520	.215	.328
MEAN RADIUS	:	1.569	1.388	1.296
MAX RADIUS	:	2.849	2.097	1.948
HORIZONTAL SPREAD	:	3.757	3.757	2.348
VERTICAL SPREAD	:	4.790	3.545	3.545
EXTREME SPREAD	:	4.876	3.914	3.742
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		4	