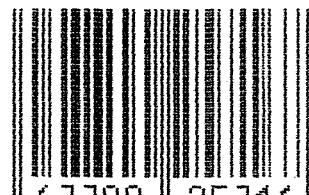


FORM

UPC



0 47700 25716 7

C6665982

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665982

ORDER NO.

5716

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

20



5716 C6665982

ORDER 5716

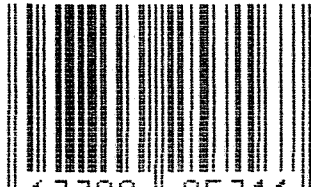
MODEL 700 TM M24

UPC

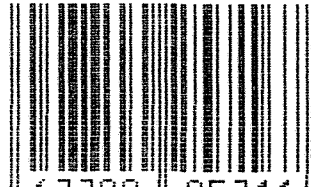
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

66665982

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/24/91	KL
600	Proof		9/24/91	KL
607	Check Headspace		9/24/91	KL
610	Dis-assemble Gun		9/24/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
5	Rollmark Caliber		OCT 2 1991	LL
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)		10-14-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/25/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/25/91	KS
	C) Inspect Ejector Hole for Chamfer		10/25/91	KS
	D) Oil Firing Pin Ass'y		10/25/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		10/28/91	JA

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	10/28/91	WLB
	G) Safety Off Force	2	2	2	10/28/91	WLB
	H) Trigger Pull Test & Retainability				10/28/91	WLB
	I) Firing Pin Indent	.0215	.022	.0215	10/28/91	WLB
	J) Assemble Stock				10/28/91	WLB
	K) Assemble Swivel Studs				10-30-91	WLB
	L) Attach Front and Rear Sight Assemblies				10/28/91	WLB
	M) Iron Sight Alignment				10/28/91	WLB
	N) Detach Front & Rear Sights & place in numbered container				10/28/91	WLB
	O) Attach Scope to Rifle				10/28/91	WLB
	P) Detach & Attach Scope 20 Times				10/28/91	WLB
640	Gallery Target & Test				10-29-91	DH
	A) Time				10-29-91	DH
	B) Malfunctions				10-29-91	DH
	C) Pierced Primers				10-29-91	DH
	D) Optical Clarity of Scope				10-29-91	DH
645	Inspect for Live Ammo				10-29-91	DH
655	Final Inspection					
	A) Headspace				10-30-91	AC
	B) Trigger Pull	220	222	222	10-30-91	DH
	C) Function				10-30-91	AC
660	Pack				12-18-91	W

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6665982

DATE 10/28/91

TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.32	2.39	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.30	2.32	2.22	
PULL #3	2.28	2.35	2.44	2.22	
PULL #4	2.25	2.38	2.39	2.21	
PULL #5	2.30	2.36	2.41	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.28		
PULL #2	3.38	3.37		
PULL #3	3.29	3.42		
PULL #4	3.36	3.34		
PULL #5	3.38	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.53		4.53
PULL #2	4.47	4.51		4.54
PULL #3	4.34	4.60		4.41
PULL #4	4.45	4.49		4.53
PULL #5	4.35	4.57		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665982
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.129769
1 TO	2	.0470744
1 TO	3	.518186
1 TO	4	.0830963
1 TO	5	.704018

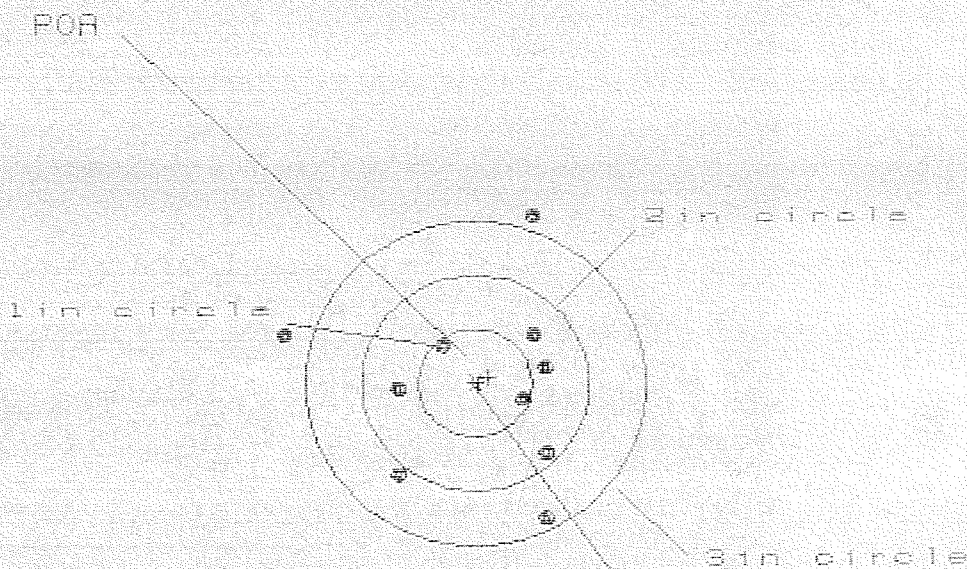
#3⁵ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1238
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123816
THE AMR FOR THIS RIFLE IS: 1.08

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865982

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.358

VS= 2.790

GS= 2.849

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.661	.472	.516
MINIMUM X	:	-1.697	-.915	-.871
MAXIMUM Y	:	1.533	1.584	.717
MINIMUM Y	:	-1.257	-1.206	-1.008
CENTROID X	:	-.118	.071	.027
CENTROID Y	:	-.054	-.105	-.303
POA TO CENTROID in.	:	.130	.126	.304
MIN RADIUS	:	.421	.227	.268
MEAN RADIUS	:	.978	.860	.768
MAX RADIUS	:	1.757	1.621	1.098
HORIZONTAL SPREAD	:	2.358	1.387	1.387
VERTICAL SPREAD	:	2.790	2.790	1.725
EXTREME SPREAD	:	2.849	2.790	1.836
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

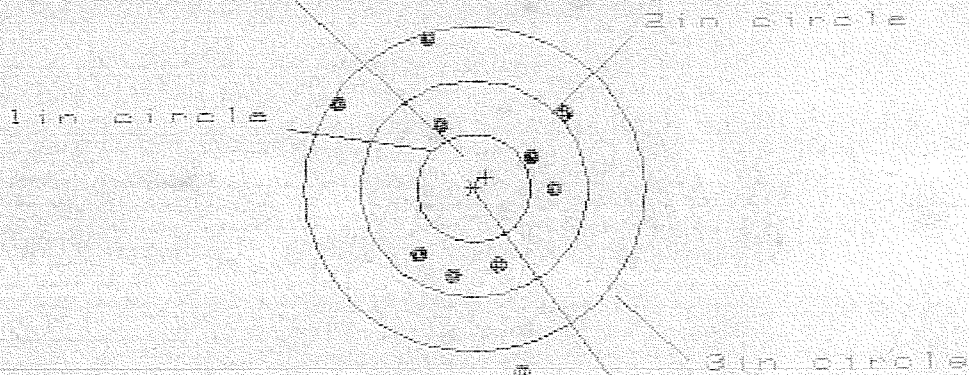
29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865962

CENTERFIRE PATTERNS

2

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.972

VS= 3.087

GS= 3.170

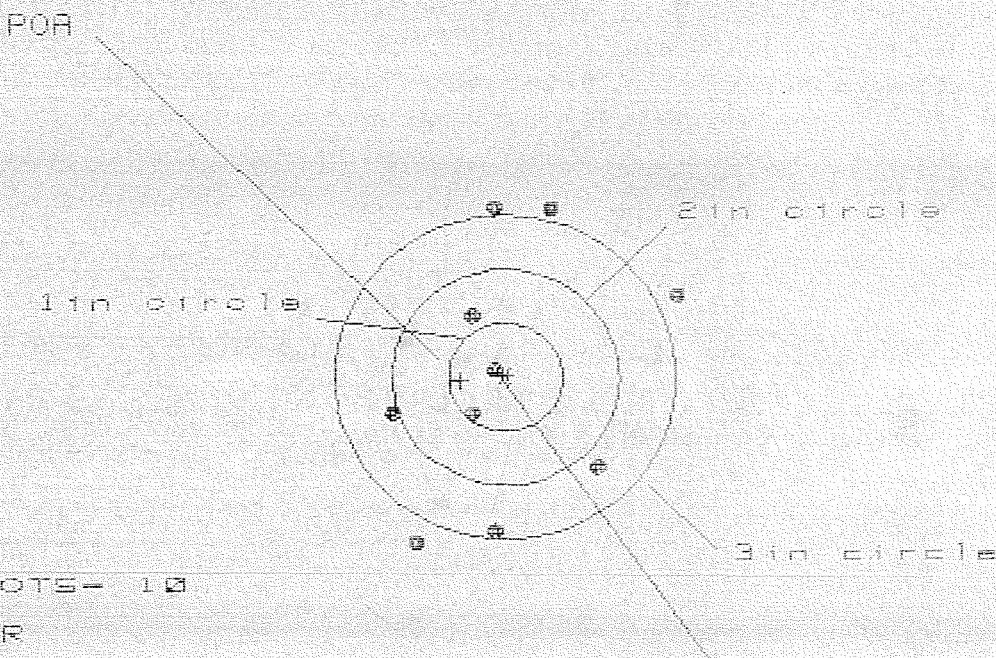
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.776	.817	.672
MINIMUM X	:	-1.196	-1.155	-.594
MAXIMUM Y	:	1.379	1.189	1.262
MINIMUM Y	:	-1.708	-.973	-.899
CENTROID X	:	-.103	-.149	-.004
CENTROID Y	:	-.100	.090	.016
POA TO CENTROID in.	:	.147	.174	.017
MIN RADIUS	:	.558	.485	.412
MEAN RADIUS	:	.986	.895	.820
MAX RADIUS	:	1.747	1.295	1.342
HORIZONTAL SPREAD	:	1.972	1.972	1.266
VERTICAL SPREAD	:	3.087	2.162	2.162
EXTREME SPREAD	:	3.170	2.168	2.168
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665982

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.485

VS= 3.077

GS= 3.243

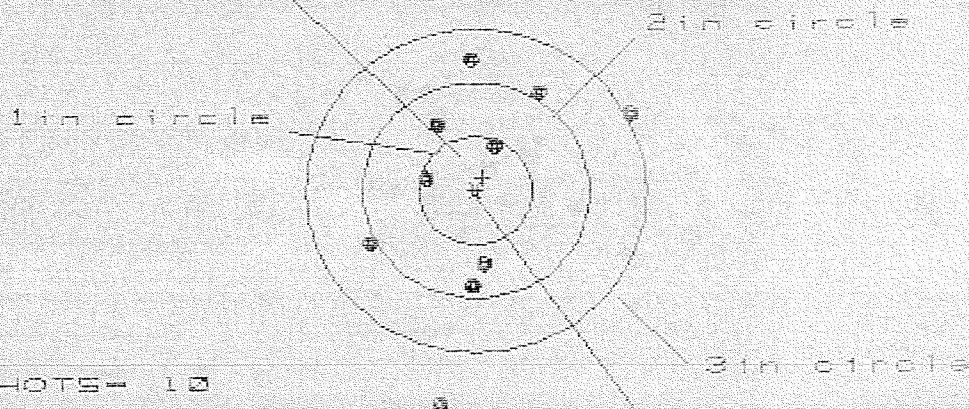
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.466	1.382	.919
MINIMUM X	:	-1.019	-1.103	-.931
MAXIMUM Y	:	1.581	1.415	1.490
MINIMUM Y	:	-1.496	-1.622	-1.547
CENTROID X	:	.393	.477	.305
CENTROID Y	:	.032	.198	.123
POA TO CENTROID in.	:	.395	.517	.328
MIN RADIUS	:	.089	.220	.065
MEAN RADIUS	:	1.145	1.098	1.001
MAX RADIUS	:	1.676	1.633	1.547
HORIZONTAL SPREAD	:	2.485	2.485	1.850
VERTICAL SPREAD	:	3.077	3.037	3.037
EXTREME SPREAD	:	3.243	3.037	3.037
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C88859B2

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.289

VS= 3.164

GS= 3.174

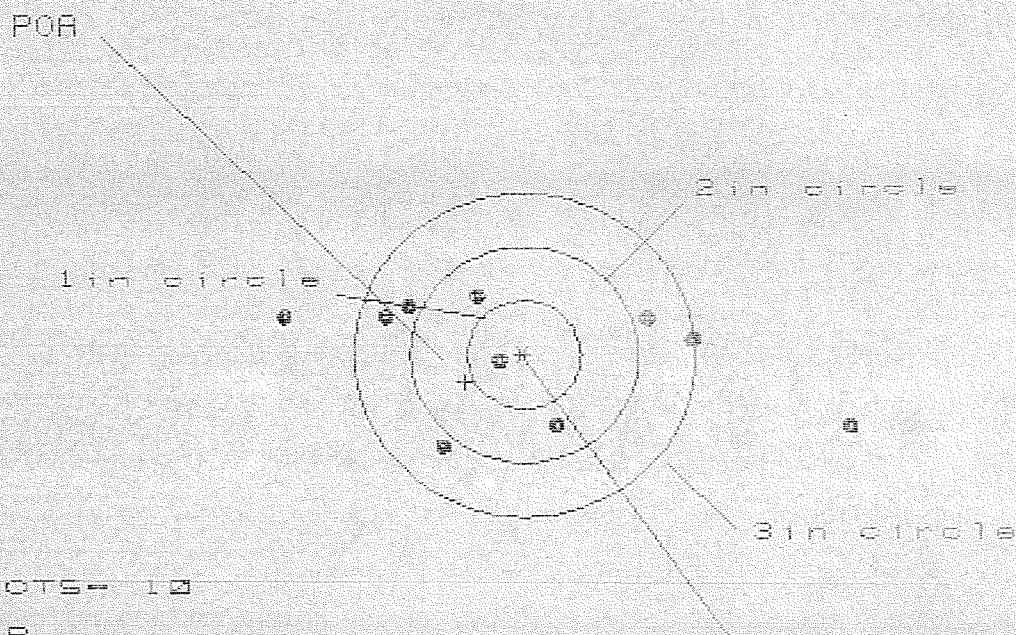
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.340	1.303	.661
MINIMUM X	:	-.949	-.986	-.823
MAXIMUM Y	:	1.194	.975	1.038
MINIMUM Y	:	-1.970	-1.125	-1.062
CENTROID X	:	-.065	-.028	-.191
CENTROID Y	:	-.118	.101	.038
POA TO CENTROID in.	:	.134	.105	.195
MIN RADIUS	:	.445	.245	.312
MEAN RADIUS	:	1.005	.863	.782
MAX RADIUS	:	1.997	1.400	1.071
HORIZONTAL SPREAD	:	2.289	2.289	1.484
VERTICAL SPREAD	:	3.164	2.100	2.100
EXTREME SPREAD	:	3.174	2.569	2.102
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665982

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 4.996

VS= 1.465

GS= 5.084

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.889	1.763	1.540
MINIMUM X	:	-2.107	-1.786	-1.143
MAXIMUM Y	:	.568	.501	.536
MINIMUM Y	:	-.897	-.964	-.929
CENTROID X	:	.517	.196	.419
CENTROID Y	:	.250	.317	.282
POA TO CENTROID in.	:	.574	.373	.506
MIN RADIUS	:	.222	.161	.146
MEAN RADIUS	:	1.287	1.044	.954
MAX RADIUS	:	2.951	1.807	1.547
HORIZONTAL SPREAD	:	4.996	3.549	2.683
VERTICAL SPREAD	:	1.465	1.465	1.465
EXTREME SPREAD	:	5.084	3.553	2.686
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665982
13 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.293293
1 TO 2	.598388
1 TO 3	.72325
1 TO 4	.210086
1 TO 5	.910247

1
4
3
5

-----POA

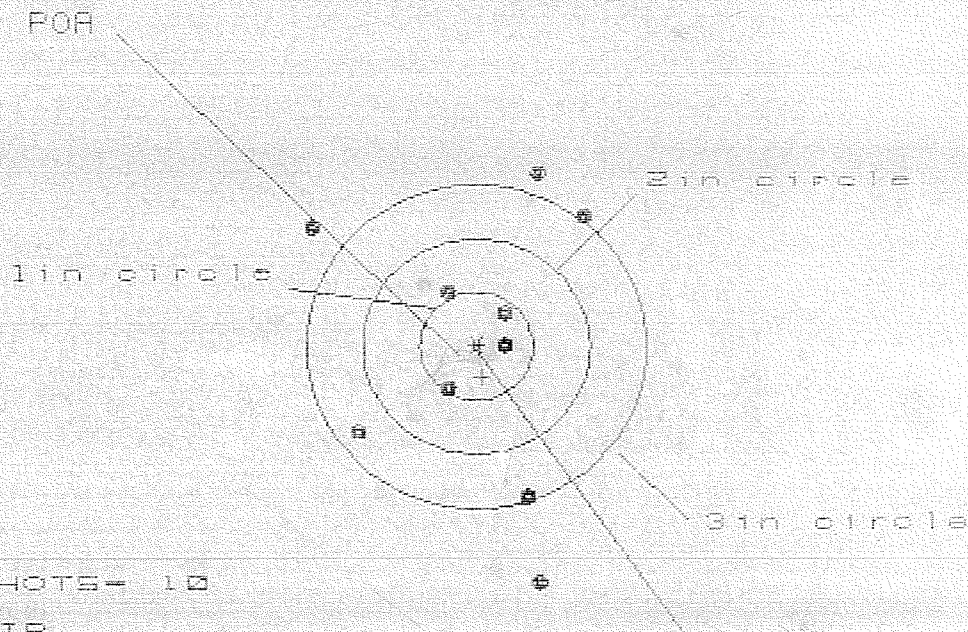
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0698
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1904
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202791

THE AMR FOR THIS RIFLE IS: 1.016

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665982.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 2.364

VS= 3.823

GS= 3.824

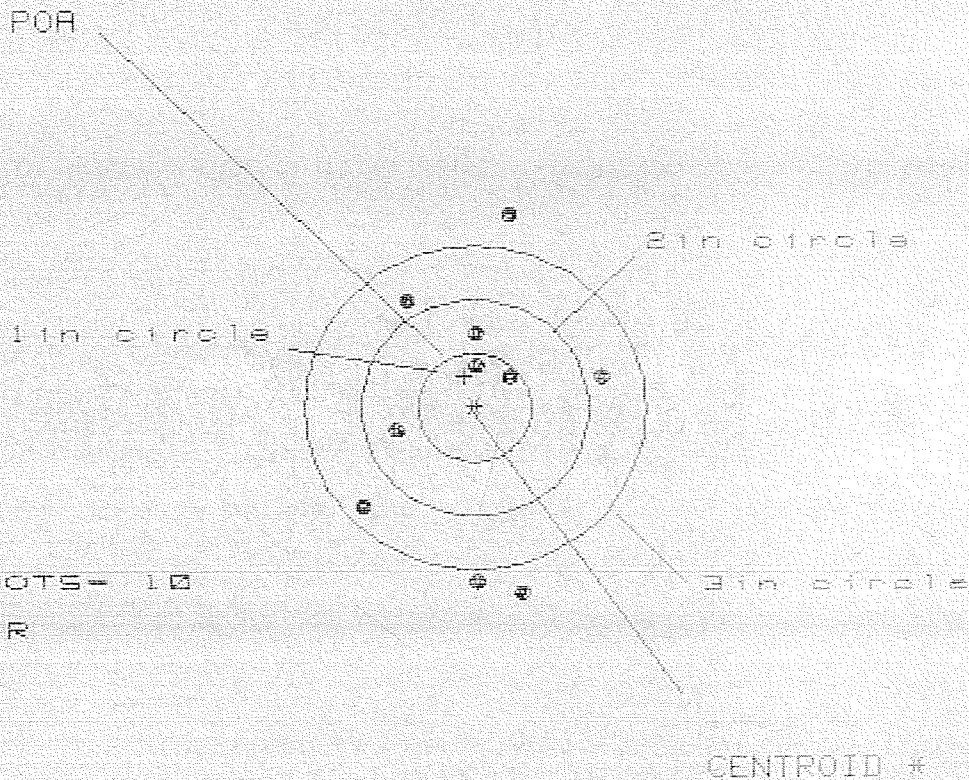
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.934	.990	.819
MINIMUM X	:	-1.430	-1.374	-1.147
MAXIMUM Y	:	1.660	1.420	1.523
MINIMUM Y	:	-2.163	-1.651	-1.548
CENTROID X	:	-.050	-.106	.065
CENTROID Y	:	.289	.529	.426
POA TO CENTROID in.	:	.293	.540	.431
MIN RADIUS	:	.281	.355	.238
MEAN RADIUS	:	1.183	1.052	.959
MAX RADIUS	:	2.223	1.720	1.598
HORIZONTAL SPREAD	:	2.364	2.364	1.966
VERTICAL SPREAD	:	3.823	3.071	3.071
EXTREME SPREAD	:	3.824	3.098	3.076
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B653B2.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.117

VS= 3.530

GS= 3.534

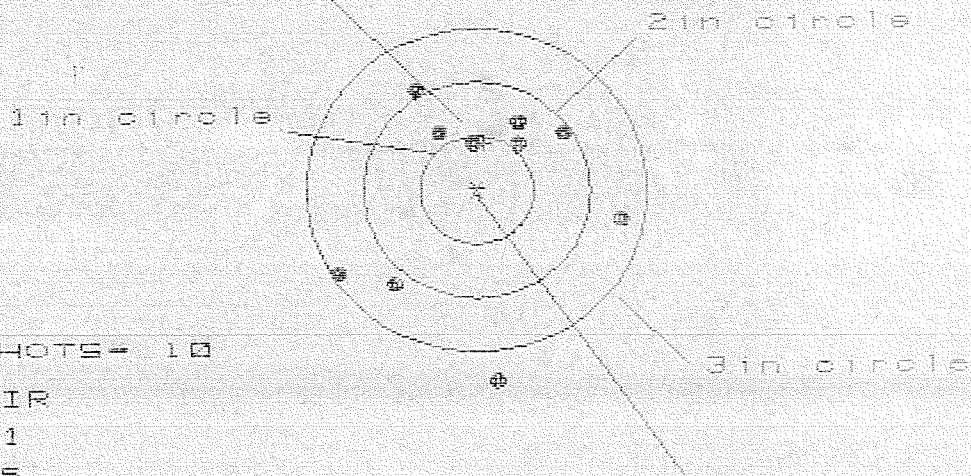
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.156	1.186	1.243
MINIMUM X	:	-1.961	-1.931	-1.874
MAXIMUM Y	:	1.792	1.167	.975
MINIMUM Y	:	-1.738	-1.539	-1.583
CENTROID X	:	.089	.059	.002
CENTROID Y	:	-.293	-.492	-.300
POA TO CENTROID in.	:	.306	.496	.300
MIN RADIUS	:	.363	.562	.376
MEAN RADIUS	:	1.110	1.057	.937
MAX RADIUS	:	1.812	1.606	1.588
HORIZONTAL SPREAD	:	2.117	2.117	2.117
VERTICAL SPREAD	:	3.530	2.706	2.558
EXTREME SPREAD	:	3.534	2.877	2.624
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665982.1

CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.551

VS= 2.695

GS= 2.766

CENTROID *

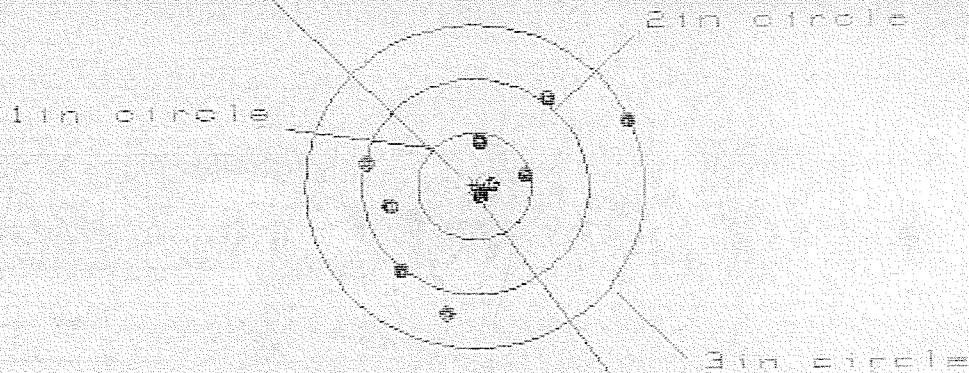
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	1.296	1.139
MINIMUM X	:	-1.270	-1.255	-1.879
MAXIMUM Y	:	.977	.786	.670
MINIMUM Y	:	-1.718	-1.011	-1.127
CENTROID X	:	-.069	-.084	.073
CENTROID Y	:	-.434	-.243	-.127
POB TO CENTROID in.	:	.440	.257	.146
MIN RADIUS	:	.406	.215	.219
MEAN RADIUS	:	1.000	.855	.714
MAX RADIUS	:	1.723	1.563	1.430
HORIZONTAL SPREAD	:	2.551	2.551	2.018
VERTICAL SPREAD	:	2.695	1.797	1.737
EXTREME SPREAD	:	2.766	2.595	2.162
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665982.1

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.306

VS= 1.927

GS= 2.449

CENTROID *

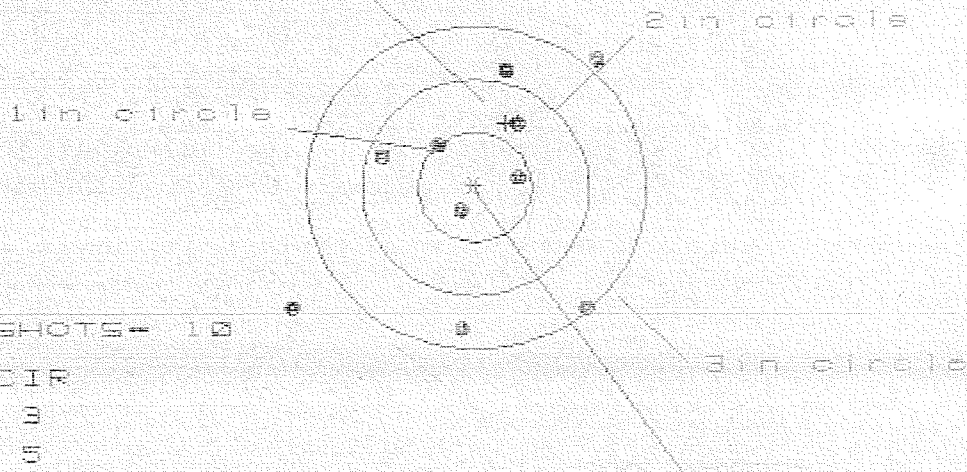
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.306	.832	.817
MINIMUM X	:	-1.000	-.854	-.870
MAXIMUM Y	:	.782	.850	.715
MINIMUM Y	:	-1.145	-1.077	-.878
CENTROID X	:	-.044	-.190	-.174
CENTROID Y	:	.079	.011	.146
POA TO CENTROID in.	:	.090	.190	.228
MIN RADIUS	:	.059	.185	.202
MEAN RADIUS	:	.762	.706	.642
MAX RADIUS	:	1.439	1.189	1.085
HORIZONTAL SPREAD	:	2.306	1.686	1.686
VERTICAL SPREAD	:	1.927	1.927	1.593
EXTREME SPREAD	:	2.449	2.149	2.107
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665962.1

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.645

VS= 2.472

GS= 3.482

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.049	.872	.903
MINIMUM X	:	-1.597	-1.044	-.935
MAXIMUM Y	:	1.177	1.057	1.135
MINIMUM Y	:	-1.294	-1.415	-1.283
CENTROID X	:	-.275	-.098	-.207
CENTROID Y	:	-.593	-.473	-.605
POA TO CENTROID in.	:	.654	.483	.639
MIN RADIUS	:	.292	.208	.328
MEAN RADIUS	:	1.027	.905	.847
MAX RADIUS	:	1.931	1.454	1.412
HORIZONTAL SPREAD	:	2.646	1.916	1.838
VERTICAL SPREAD	:	2.472	2.472	2.418
EXTREME SPREAD	:	3.482	2.750	2.456
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	