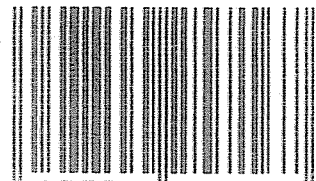


CAPACITY*

*INCLUDES 1 IN CHAMBER

06665865

UPC



0 47700 25716 7

FORM

ORDER NO.

5716

MODEL 700 TM M24

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400103513

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665865

ORDER NO.

5716

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



5716 C6665865

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

INTERCHANGEABILITY

M-24

1.285

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665865

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/27/91	KL
600	Proof		9/27/91	KL
607	Check Headspace		9/27/91	KL
610	Dis-assemble Gun		9/27/91	KL
612	Magnaflux Barrel Action		OCT 4 1991	Kcd
	Magnaflux Bolt		OCT 4 1991	Kcd
615	Rollmark Caliber		OCT 4 1991	GS
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	KL
	Apply Coating (Bolt)		10-18-91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	KL
	C) Inspect Ejector Hole for Chamfer		11/12/91	KL
	D) Oil Firing Pin Ass'y		11/12/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-14-91	JK
	G) Safety Off Force	3	3	3			11-14-91	JK
	H) Trigger Pull Test & Retainability						11-14-91	JK
	I) Firing Pin Indent	021	0215	0215			11-14-91	JK
	J) Assemble Stock						11-14-91	JK
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11-14-91	JK
	M) Iron Sight Alignment						11-14-91	JK
	N) Detach Front & Rear Sights & place in numbered container						11-14-91	JK
	O) Attach Scope to Rifle						11-14-91	JK
	P) Detach & Attach Scope 20 Times						11-14-91	JK
640	Gallery Target & Test						11-20-91	JK
	A) Time						"	JK
	B) Malfunctions						"	JK
	C) Pierced Primers						"	JK
	D) Optical Clarity of Scope						"	JK
645	Inspect for Live Ammo						11-20-91	JK
655	Final Inspection						11-27-91	D/H
	A) Headspace						11-25-91	JK
	B) Trigger Pull	2.68	2.58	2.61	2.56	2.51	11-27-91	JK
	C) Function						11-27-91	D/H
660	Pack						12-14-91	JK

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C-6665865

DATE 11-14-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.64	2.55	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.25	2.58	2.58	
PULL #3	2.22	2.55	2.44	2.61	
PULL #4	2.54	2.58	2.51	2.56	
PULL #5	2.67	2.59	2.54	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.46		
PULL #2	3.49	3.43		
PULL #3	3.29	3.39		
PULL #4	3.36	3.39		
PULL #5	3.44	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.37		4.40
PULL #2	4.40	4.38		4.30
PULL #3	4.18	4.40		4.34
PULL #4	4.35	4.31		4.30
PULL #5	4.30	4.30		4.31
TOTAL				
AVG.				

WAVE CALCULATIONS

1.6665865

1.1

WAVE DISTANCES

1	.956075
2	1.13249
3	.833812
4	.631457
5	.989061

4 1 (----PDR
3

1.2811

1.9866

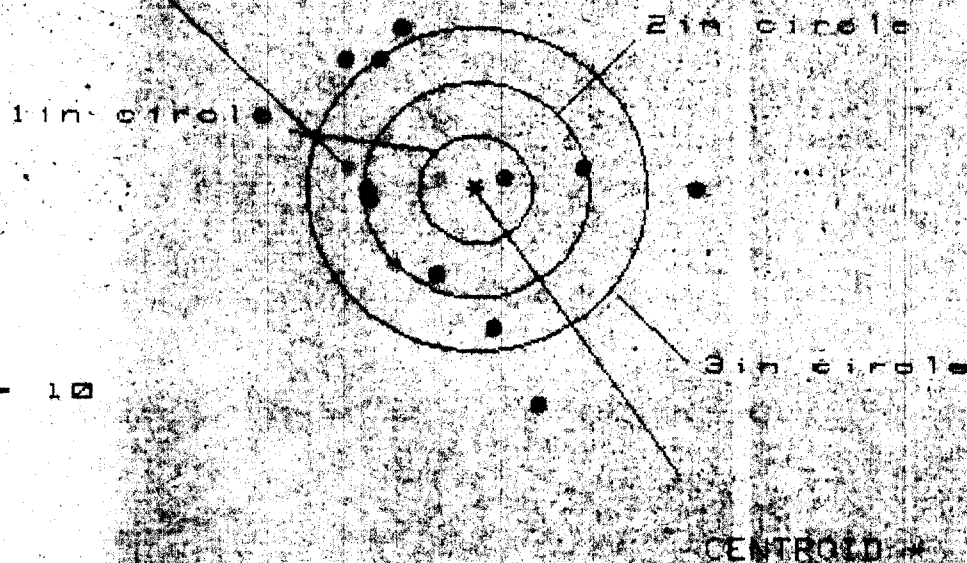
RIFLE 10: .296145

25 May 1951

FILE: PATTERNING CENTERFIRE PAT 1-0043000

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

IS= 3.103

VS= 3.463

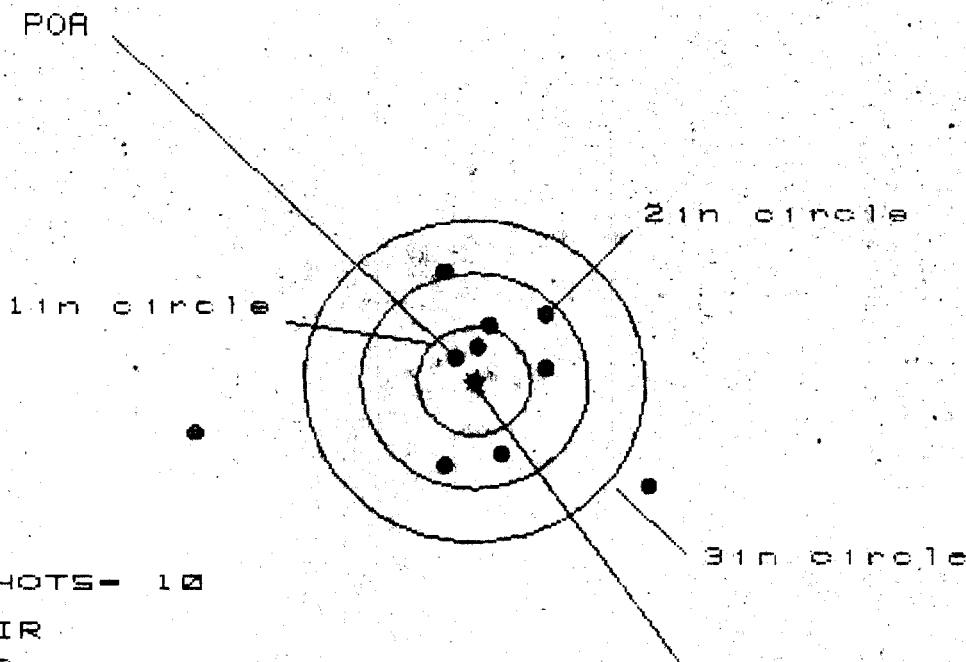
GS= 3.650

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.973	2.034	1.267
MINIMUM X	:	-1.129	-1.069	-.815
MAXIMUM Y	:	1.462	1.239	1.207
MINIMUM Y	:	-2.001	-1.500	-1.532
CENTROID X	:	.956	.895	.641
CENTROID Y	:	-.012	.211	.243
POA TO CENTROID in.	:	.956	.919	.685
MIN. RADIUS	:	.228	.303	.552
MEAN. RADIUS	:	1.307	1.217	1.099
MAX. RADIUS	:	2.074	2.050	1.607
HORIZONTAL SPREAD	:	3.103	3.103	2.082
VERTICAL SPREAD	:	3.463	2.739	2.739
EXTREME SPREAD	:	3.650	3.336	2.848
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

20 Nov 1991

FILE: PATTERNING/CENTERFIRE_PWT/00005865

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in - 8

HS- 4.006

VS- 1.964

GS- 4.039

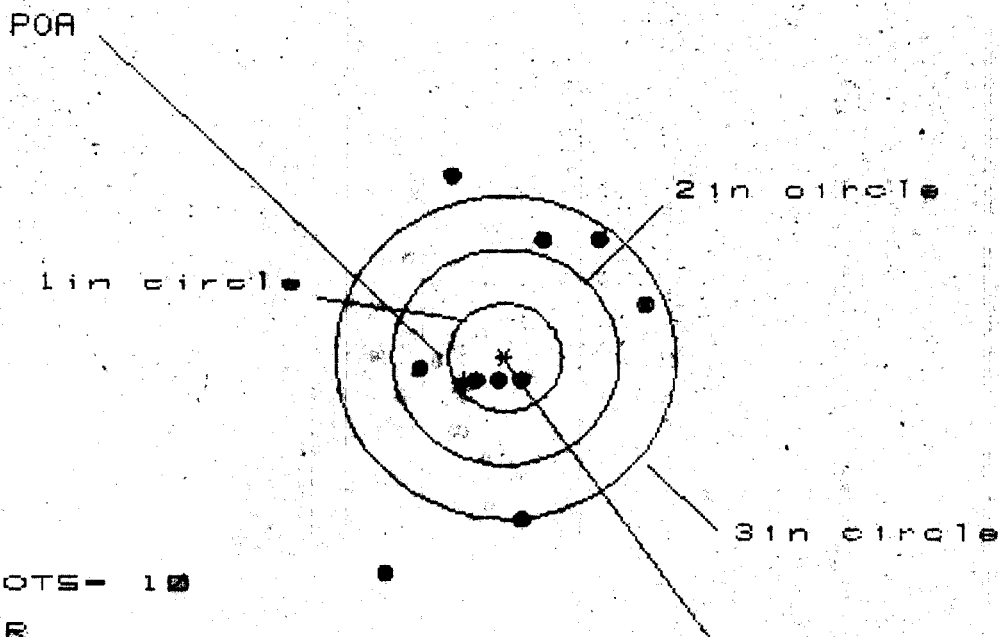
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.533	1.259	.552
MINIMUM X	:	-2.473	-.582	-.425
MAXIMUM Y	:	.990	.939	.811
MINIMUM Y	:	-.974	-1.025	-.921
CENTROID X	:	-.033	.241	.084
CENTROID Y	:	-.023	.028	.156
POA TO CENTROID in.	:	.040	.243	.178
MIN RADIUS	:	.293	.330	.175
MEAN RADIUS	:	.954	.749	.593
MAX RADIUS	:	2.515	1.623	1.006
HORIZONTAL SPREAD	:	4.006	1.841	.977
VERTICAL SPREAD	:	1.964	1.964	1.732
EXTREME SPREAD	:	4.039	2.692	1.732
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08065805

CENTERFIRE PATTERNS

• 4



OF SHOTS- 10

IN CIR

1in - 3

2in - 4

3in = 7

HS- 2.303

VS= 3.664

GS= 3.705

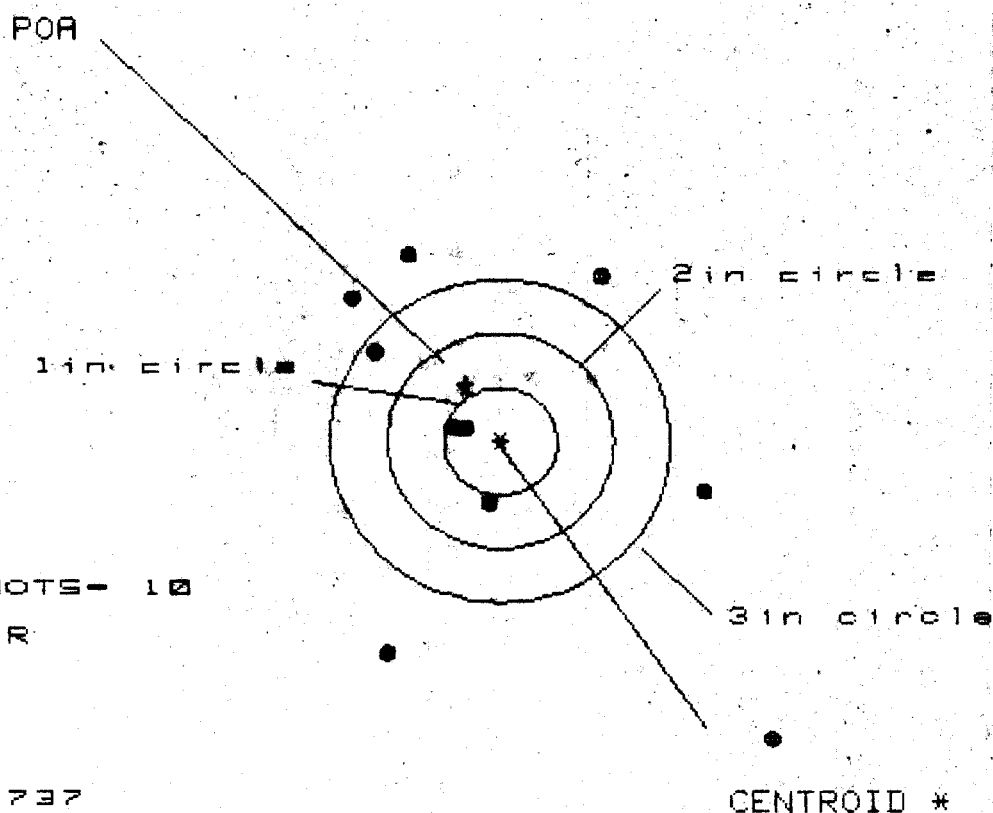
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.260	1.144	1.068
MINIMUM X	:	-1.043	-.908	-.984
MAXIMUM Y	:	1.660	1.437	1.058
MINIMUM Y	:	-2.004	-1.751	-1.571
CENTROID X	:	.363	.479	.555
CENTROID Y	:	.205	.428	.249
POA TO CENTROID in.	:	.417	.642	.608
MIN RADIUS	:	.264	.450	.272
MEAN RADIUS	:	1.106	1.000	.900
MAX RADIUS	:	2.260	1.751	1.572
HORIZONTAL SPREAD	:	2.303	2.052	2.052
VERTICAL SPREAD	:	3.664	3.188	2.629
EXTREME SPREAD	:	3.705	3.251	2.678
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0005065

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 3

3in = 4

HS= 3.737

VS= 4.450

GS= 5.550

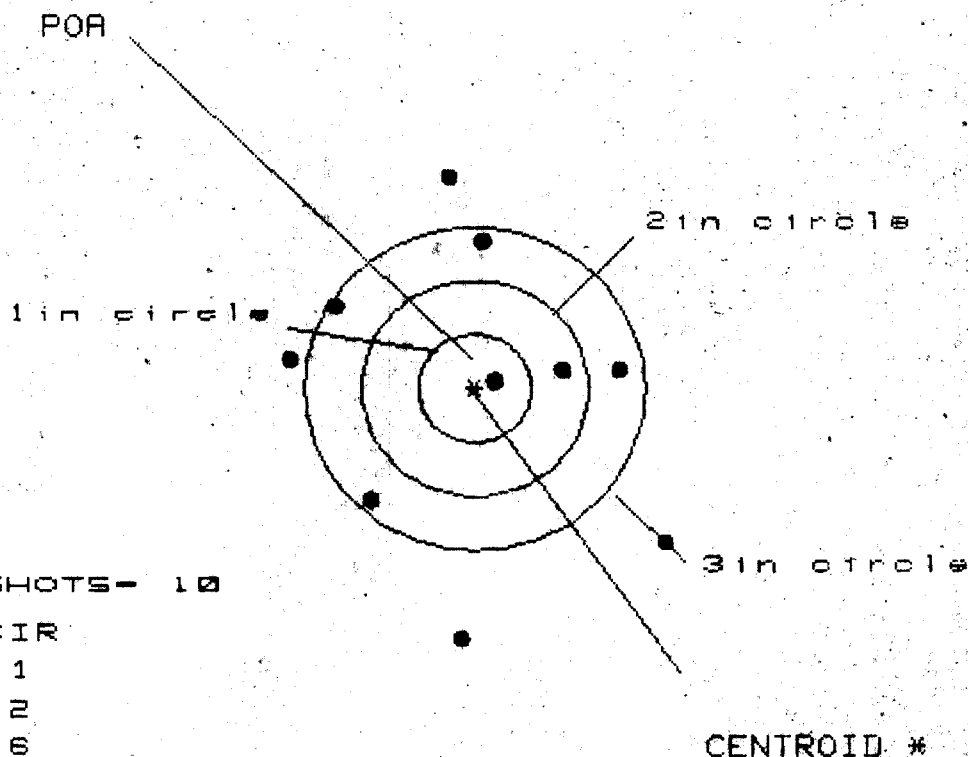
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.415	2.055	1.963
MINIMUM X	:	-1.322	-1.053	-1.145
MAXIMUM Y	:	1.703	1.398	1.117
MINIMUM Y	:	-2.747	-2.246	-1.166
CENTROID X	:	.305	.036	.128
CENTROID Y	:	-.533	-.228	.053
POA TO CENTROID in.	:	.614	.230	.139
MIN RADIUS	:	.344	.170	.459
MEAN RADIUS	:	1.595	1.271	1.168
MAX RADIUS	:	3.658	2.363	2.220
HORIZONTAL SPREAD	:	3.737	3.108	3.108
VERTICAL SPREAD	:	4.450	3.644	2.283
EXTREME SPREAD	:	5.550	3.931	3.595
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	4		

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0005685

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 2

3 in - 6

HS- 3.212

VS= 4.255

GS= 4.256

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.634	1.625	1.510
MINIMUM X	:	-1.578	-1.587	-1.384
MAXIMUM Y	:	1.955	1.699	1.493
MINIMUM Y	:	-2.300	-1.654	-1.477
CENTROID X	:	-.175	-.166	-.369
CENTROID Y	:	-.070	.186	.392
POA TO CENTROID in.	:	.188	.249	.539
MIN RADIUS	:	.216	.237	.526
MEAN RADIUS	:	1.455	1.332	1.210
MAX RADIUS	:	2.302	2.318	1.652
HORIZONTAL SPREAD	:	3.212	3.212	2.894
VERTICAL SPREAD	:	4.255	3.353	2.970
EXTREME SPREAD	:	4.256	3.811	3.064
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

INTERCHANGEABILITY

CENTRODAL DISTANCE CALCULATIONS
FOR RIFLE # 06665865
14 Feb 1991

CENTRODAL DISTANCES

0 TO 1	.239708
1 TO 2	.366001
1 TO 3	.45127
1 TO 4	.295296
1 TO 5	.36603

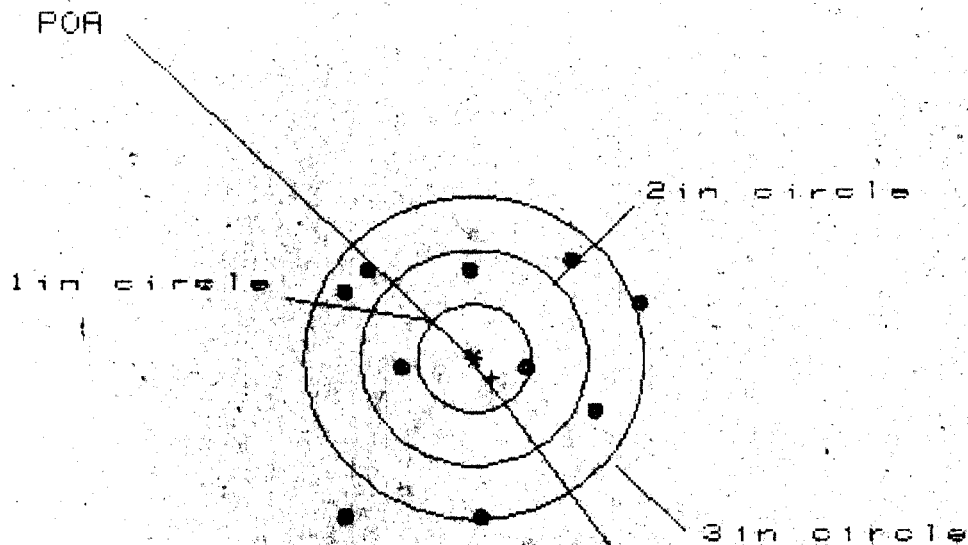
5
#1 <----POA

THE CENTER OF GRAVITY OF THIS RIFLE IS: 1.6062
THE CENTER OF GRAVITY OF THIS RIFLE IS: 1.091
THE CENTER OF GRAVITY OF THIS RIFLE IS: 1.0912M

14 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665865.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in - 8

HS- 2.572

VS- 2.359

GS- 3.185

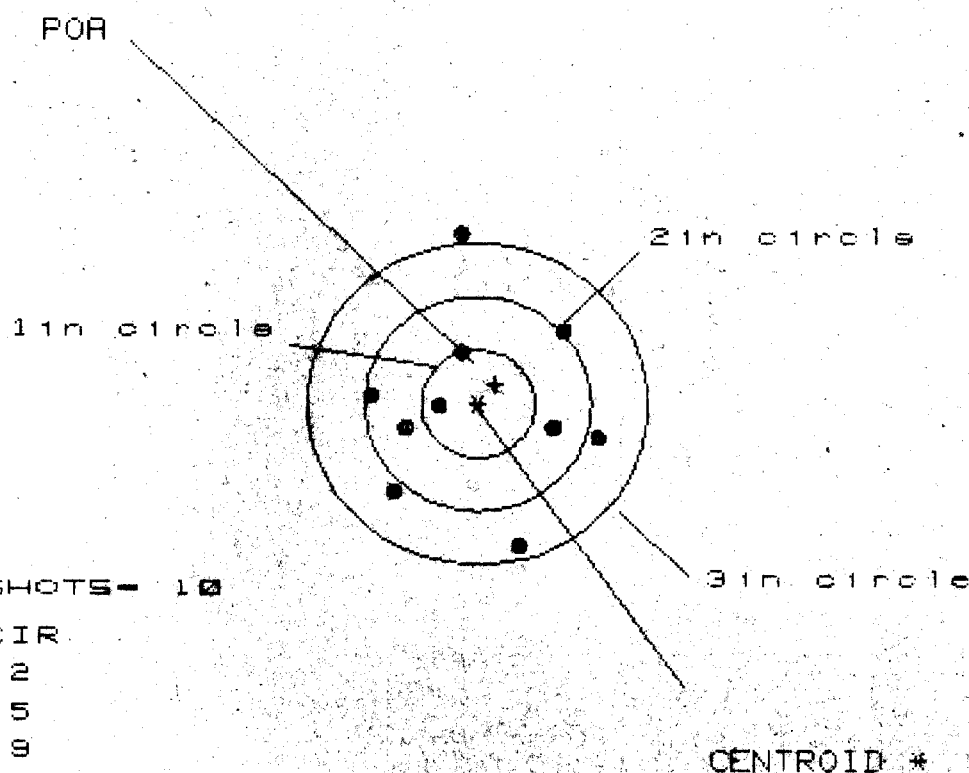
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.413	1.291	1.136
MINIMUM X	-1.159	-1.281	-1.120
MAXIMUM Y	.884	.723	.767
MINIMUM Y	-1.475	-1.636	-1.592
CENTROID X	-.156	-.034	-.195
CENTROID Y	.182	.343	.299
POA TO CENTROID in.	.239	.345	.357
MIN RADIUS	.423	.373	.492
MEAN RADIUS	1.169	1.073	1.035
MAX RADIUS	1.820	1.636	1.598
HORIZONTAL SPREAD	2.572	2.572	2.256
VERTICAL SPREAD	2.359	2.359	2.359
EXTREME SPREAD	3.185	2.573	2.524
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

14 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665865.1

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.047

VS = 2.853

GS = 2.893

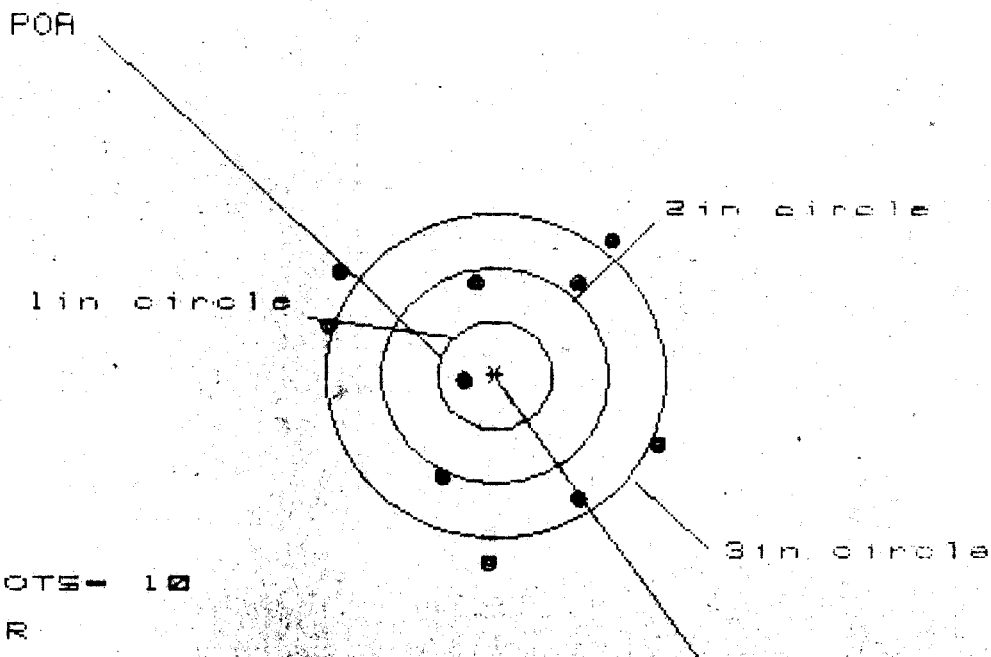
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.070	1.060	1.106
MINIMUM X	:	-.977	-.987	-.941
MAXIMUM Y	:	1.583	.877	.740
MINIMUM Y	:	-1.270	-1.094	-.824
CENTROID X	:	-.157	-.147	-.193
CENTROID Y	:	-.184	-.360	-.223
FOR TO CENTROID in.	:	.242	.388	.295
MIN RADIUS	:	.328	.392	.298
MEAN RADIUS	:	.919	.846	.782
MAX RADIUS	:	1.586	1.156	1.137
HORIZONTAL SPREAD	:	2.047	2.047	2.047
VERTICAL SPREAD	:	2.853	1.971	1.564
EXTREME SPREAD	:	2.893	2.121	2.121
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665865.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 2

3in = 6

HS- 2.876

VS= 2.997

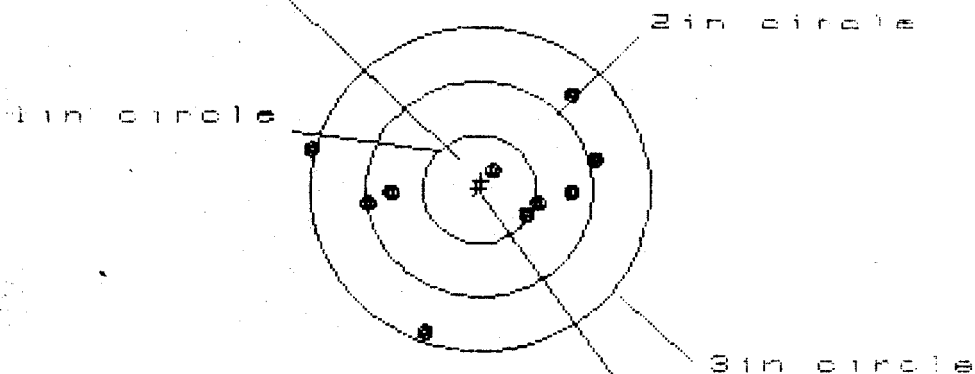
GS= 3.254

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.444	1.268
MINIMUM X	:	-1.421	-1.432	-1.608
MAXIMUM Y	:	1.289	1.099	1.193
MINIMUM Y	:	-1.708	-1.282	-1.188
CENTROID X	:	.271	.282	.458
CENTROID Y	:	.036	.226	.132
POA TO CENTROID in.	:	.274	.361	.477
MIN RADIUS	:	.273	.379	.481
MEAN RADIUS	:	1.271	1.213	1.166
MAX RADIUS	:	1.711	1.654	1.642
HORIZONTAL SPREAD	:	2.876	2.876	2.876
VERTICAL SPREAD	:	2.997	2.381	2.381
EXTREME SPREAD	:	3.254	3.254	3.058
NUMBER IN ONE INCH CIRCLE =	:	1	2	6
NUMBER IN TWO INCH CIRCLE =	:	2	2	6
NUMBER IN THREE INCH CIRCLE =	:	6	2	6

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR.

1in = 2

2in = 6

3in = 9

HS = 2.574

VS = 2.183

GS = 2.576

CENTROID #

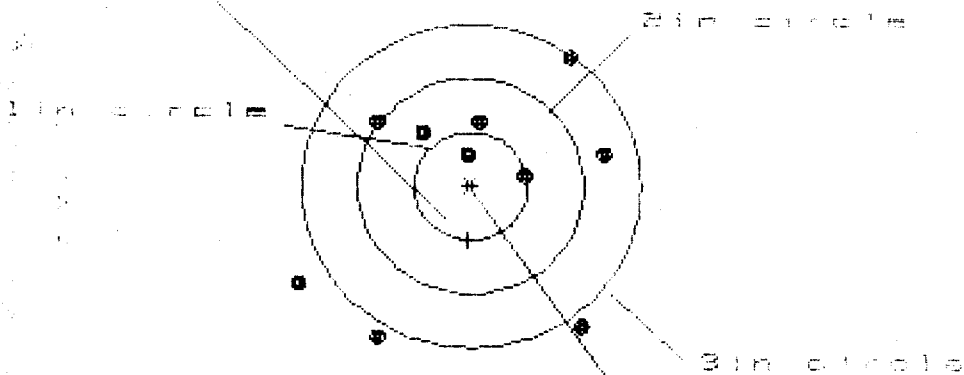
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.057	.889	.811
MINIMUM X	-1.517	-1.138	-1.216
MAXIMUM Y	.903	.943	.788
MINIMUM Y	-1.280	-1.240	-1.311
CENTROID X	-.016	.152	.230
CENTROID Y	-.078	-.118	.037
POA TO CENTROID in.	.080	.193	.233
MIN RADIUS	.220	.260	.189
MEAN RADIUS	.897	.787	.690
MAX RADIUS	1.558	1.388	1.234
HORIZONTAL SPREAD	2.574	2.027	2.027
VERTICAL SPREAD	2.183	2.183	1.099
EXTREME SPREAD	2.576	2.510	2.055
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

FILE: PATTERNING/CENTERFIRE_PATT/C6B65865.1

CENTERFIRE PATTERNS

5

FOR



SHOTS - 10

IN CIR.

1 in - 2

2 in - 4

3 in - 7

HS - 2.631

VS - 2.629

GS - 3.173

CENTROID *

PATTERN #			
SHOTS	10	9	8
MAXIMUM	1.138	.972	1.079
MINIMUM	-1.493	-.971	-.864
MAXIMUM	1.202	1.099	.924
MINIMUM	-1.427	-1.530	-1.705
CENTROID	.027	.193	.086
CENTROID	.439	.602	.777
FOR TO CENTROID	.500	.632	.782
MIN FALL	.304	.266	.072
MEAN FALL	.102	.954	.808
MAX FALL	1.056	1.811	1.911
HORIZONTAL	2.631	1.943	1.943
VERTICAL	2.629	2.629	2.629
EXTREME	3.173	3.112	3.112
NUMBER IN 1 in circle	2	2	
NUMBER IN 2 in circle	4	4	
NUMBER IN 3 in circle	7	7	