

C6636328

MODEL 700TM N24

Model **S45**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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

Remington[®]

DUPONT
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

SERIAL NO.
06636328

ORDER NO.
5716

20

5716 06636328

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6636328**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KG
600	Proof		6/24/91	KG
607	Check Headspace		6/24/91	KG
610	Dis-assemble Gun		6/24/91	KG
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	GS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	LA
	Apply Coating (Bolt)			LA
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-25-91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	8	7			7-29-91	D/H
	G) Safety Off Force	3	3	3			7-29-91	D/H
	H) Trigger Pull Test & Retainability						7-25-91	JH
	I) Firing Pin Indent	.020	.020	.022			7-29-91	D/H
	J) Assemble Stock						7/29/91	KS
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/29/91	KS
	M) Iron Sight Alignment						7/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/29/91	KS
	O) Attach Scope to Rifle						7/29/91	KS
	P) Detach & Attach Scope 20 Times						7/29/91	KS
640	Gallery Target & Test						7/29/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						7/29/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.37	2.42	2.40	2.39	2.48	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06636328
DATE 7-25-91
TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.51	2.52	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.50	2.55	2.42	
PULL #3	2.54	2.45	2.48	2.40	
PULL #4	2.48	2.47	2.43	2.39	
PULL #5	2.44	2.40	2.46	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.30		
PULL #2	3.34	3.51		
PULL #3	3.24	3.53		
PULL #4	3.20	3.36		
PULL #5	3.16	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	4.25	4.31		4.11
PULL #2	4.42	4.20		4.57
PULL #3	4.31	4.22		4.31
PULL #4	4.13	4.18		4.26
PULL #5	4.54	4.28		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636328
29 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.327808
1 TO	2	.475857
1 TO	3	.409646
1 TO	4	.488496
1 TO	5	.452429

#1 <----FOR

THIS RIFLE IS: .016
THIS RIFLE IS: -.088
FOR THIS RIFLE IS: .0894427

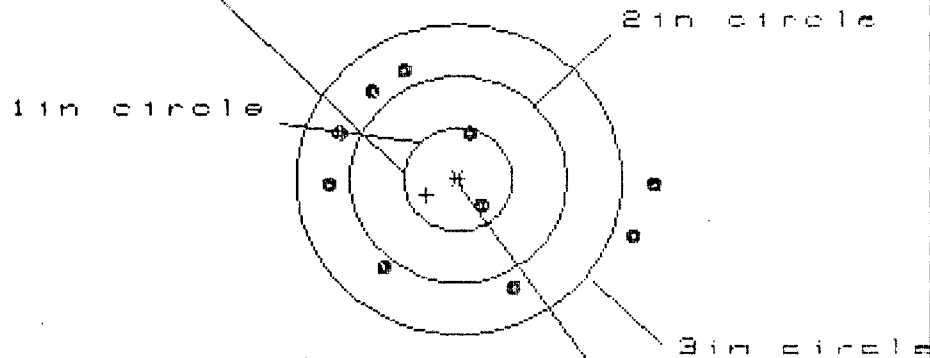
017 591

FILE:/PATTERNING/CENTERFIRE_PATT/C6836323

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 2

3in = 8

HO = 2.993

CG = 2.125

CS = 2.994

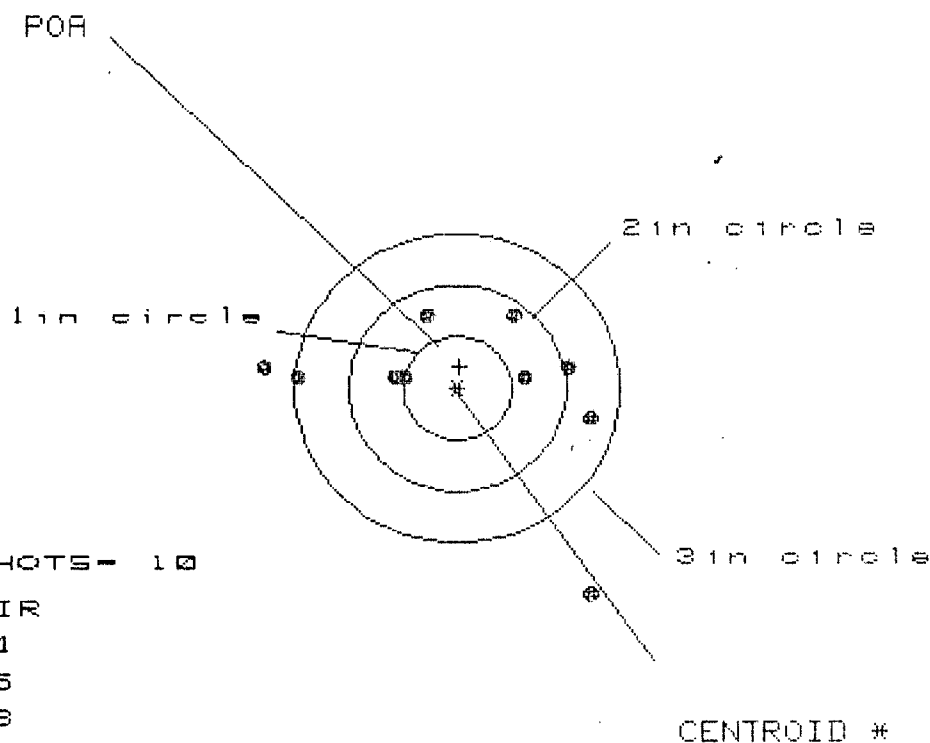
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.817	1.760	.928
MINIMUM X	:	-1.176	-.974	-.754
MAXIMUM Y	:	1.070	1.060	.994
MINIMUM Y	:	-1.055	-1.065	-1.131
CENTROID X	:	.293	.091	-.129
CENTROID Y	:	.147	.157	.223
DEVIATION FROM CENTROID IN.	:	.118	.182	.258
DEVIATION	:	.139	.505	.677
DEVIATION	:	1.117	1.026	.897
DEVIATION	:	1.117	1.838	1.463
DEVIATION	:	2.993	2.734	1.682
DEVIATION	:	2.125	2.125	2.125
DEVIATION	:	2.994	2.813	2.364
DEVIATION	:	2	2	8
DEVIATION	:	2	2	8
DEVIATION	:	8	8	8

19 Jul 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.036

VS= 2.736

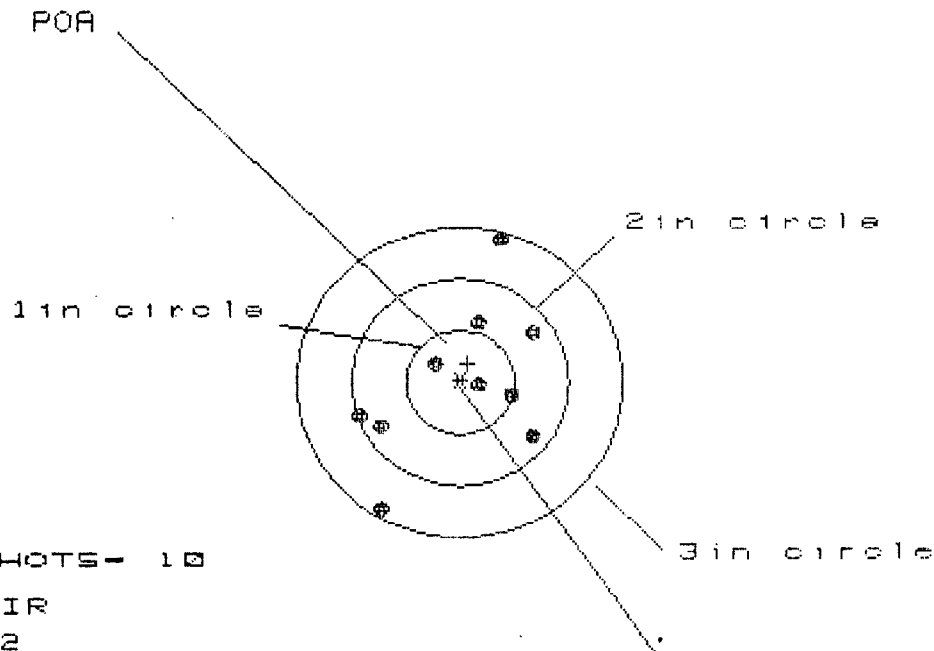
GS= 3.731

PATTERN #	12	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.270	1.401	1.196
MINIMUM X	-1.766	-1.635	-1.527
MAXIMUM Y	.695	.468	.471
MINIMUM Y	-2.041	-.516	-.513
CENTROID X	-.025	-.156	.049
CENTROID Y	-.207	.020	.017
POA TO CENTROID in.	.209	.157	.052
MIN RADIUS	.498	.355	.529
MEAN RADIUS	1.124	.937	.844
MAX RADIUS	2.358	1.635	1.531
HORIZONTAL SPREAD	3.036	3.036	2.723
VERTICAL SPREAD	2.736	.984	.984
EXTREME SPREAD	3.731	3.083	2.752
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

29 Jul 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.594

VS= 2.607

GS= 2.828

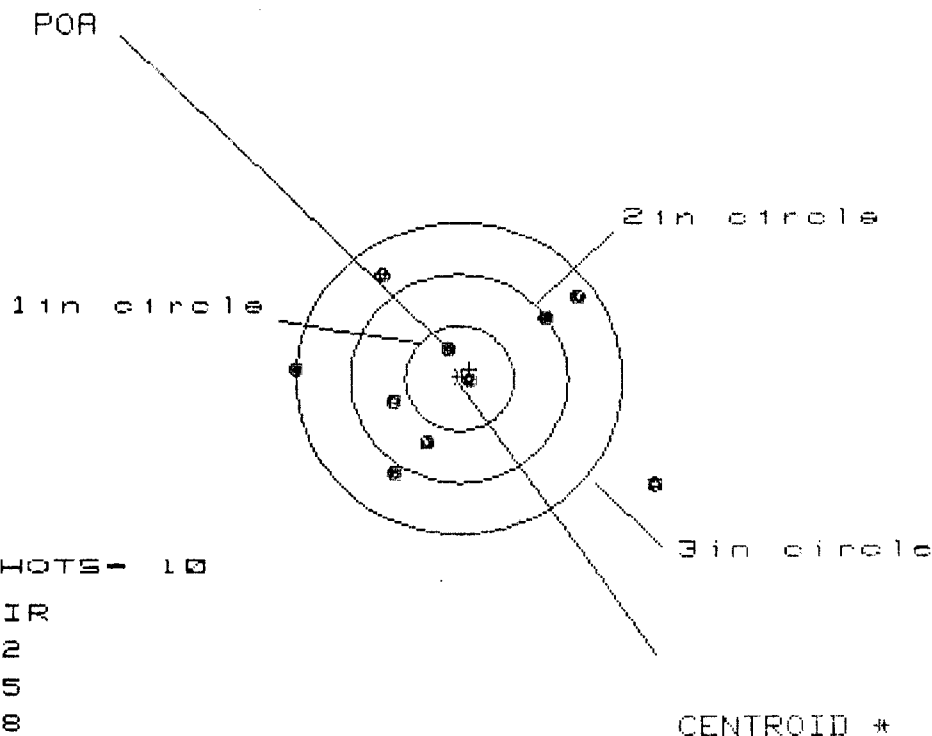
CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.699	.618	.653
MINIMUM X	-.895	-.976	-.941
MAXIMUM Y	1.373	1.236	.568
MINIMUM Y	-1.234	-.618	-.464
CENTROID X	-.069	.012	-.023
CENTROID Y	-.181	-.044	-.198
POA TO CENTROID in.	.194	.045	.200
MIN RADIUS	.193	.182	.147
MEAN RADIUS	.786	.699	.620
MAX RADIUS	1.436	1.267	.982
HORIZONTAL SPREAD	1.594	1.594	1.594
VERTICAL SPREAD	2.607	1.854	1.032
EXTREME SPREAD	2.828	2.092	1.773
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

29 Jul 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1" = 2

2" = 5

3" = 8

HS = 3.332

VS = 2.047

GS = 3.526

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.778	1.289	1.119
MINIMUM X	-1.554	-1.356	-.663
MAXIMUM Y	.990	.873	.870
MINIMUM Y	-1.057	-1.016	-1.019
CENTROID X	-.093	-.291	-.121
CENTROID Y	-.089	.028	.031
POA TO CENTROID in.	.129	.292	.125
MIN RADIUS	.140	.179	.135
MEAN RADIUS	.947	.864	.784
MAX RADIUS	2.068	1.466	1.318
HORIZONTAL SPREAD	3.322	2.645	1.782
VERTICAL SPREAD	2.047	1.889	1.889
EXTREME SPREAD	3.526	2.742	2.412
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

28 JUL 1961

FILE: PATTERNING/CENTERFIRE PATT/C0635328

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

* OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HE = 3.332

VB = 2.047

GS = 3.526

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.778	1.229	1.119
MINIMUM X	-1.554	-1.356	-1.663
MAXIMUM Y	.990	.873	.870
MINIMUM Y	-1.057	-1.016	-1.019
CENTROID X	-.093	-.291	-.121
CENTROID Y	-.089	.028	.031
POA TO CENTROID in.	.129	.292	.125
MIN RADIUS	.140	.179	.135
MEAN RADIUS	.937	.864	.784
MAX RADIUS	2.068	1.466	1.318
HORIZONTAL SPREAD	3.332	2.645	1.782
VERTICAL SPREAD	2.047	1.889	1.839
EXTREME SPREAD	3.526	2.742	2.412
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		