

C6611594

MODEL 700™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

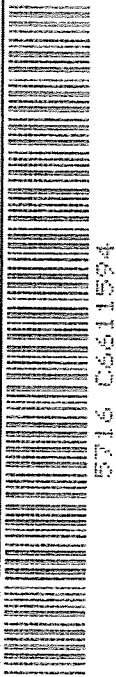
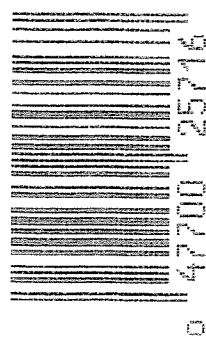
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

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

SERIAL NO.
 C6611594

ORDER NO.
 5716

LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611594

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		RW
612	Magnaflux Barrel Action	1 25		KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	AS.
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	TJA
	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		2/18/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			7/20/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			7/20/91	WB
	H) Trigger Pull Test & Retainability						2/18/91	JC
	I) Firing Pin Indent	.0225	.0217	.022			7/20/91	WB
	J) Assemble Stock						2/20/91	RW
	K) Assemble Swivel Studs						2-22-91	AC
	L) Attach Front and Rear Sight Assemblies						2/20/91	RW
	M) Iron Sight Alignment						2/20/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/20/91	RW
	O) Attach Scope to Rifle						2/20/91	RW
	P) Detach & Attach Scope 20 Times						2/20/91	RW
640	Gallery Target & Test						2-20-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-20-91	NF
655	Final Inspection							
	A) Headspace						2-22-91	AC
	B) Trigger Pull	2.57	2.65	2.63	2.58	2.54	2/21/91	JC
	C) Function						2-22-91	AC
660	Pack						3/15/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611594

DATE 2/18/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.39	2.40	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.22	2.38	2.65	
PULL #3	2.38	2.46	2.46	2.63	
PULL #4	2.38	2.46	2.40	2.50	
PULL #5	2.46	2.39	2.36	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.40		
PULL #2	3.44	3.40		
PULL #3	3.34	3.30		
PULL #4	3.41	3.35		
PULL #5	3.34	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.42		4.32
PULL #2	4.44	4.44		4.11
PULL #3	4.45	4.31		4.36
PULL #4	4.45	4.39		4.34
PULL #5	4.47	4.34		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611594
31 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.173511
1 TO	2	.227502
1 TO	3	.112308
1 TO	4	.31637

1 TO 5 .139316

✱ -----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .097
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0032
THE RESULTING AVERAGE FOI RADIUS FOR THIS RIFLE IS: .0974353

THE AMP FOR THIS RIFLE IS: .0826

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11594

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.625

VS= 1.744

GS= 3.657

CENTROID #

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 INCH CIRCLE =

10

9

8

1.783

1.551

1.346

-1.842

-1.644

-1.482

.981

.911

.883

-.763

-.833

-.861

.135

-.063

.142

.189

.179

.207

.174

.190

.251

.164

.297

.093

1.039

.943

.817

1.891

1.659

1.412

3.625

3.195

2.748

1.744

1.744

1.744

3.657

3.205

2.754

1

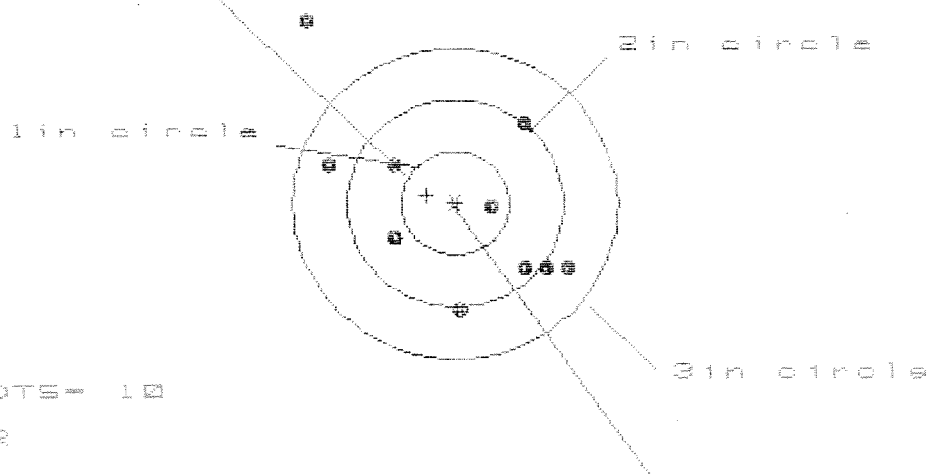
NUMBER IN TWO INCH CIRCLE = 6
 NUMBER IN THREE INCH CIRCLE = 8

21 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8611594

CENTERFIRE PATTERNS # 2

POB



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.396

VS= 2.794

GS= 3.328

CENTROID *

PATTERN #

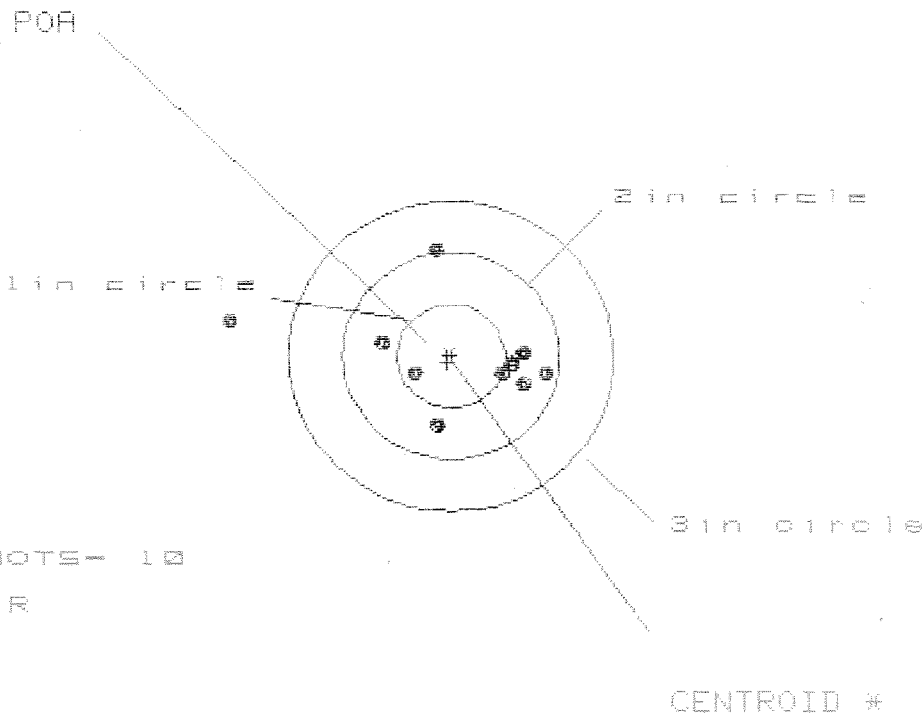
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.068	.920	.757
MINIMUM X	-1.328	-1.309	-.987
MAXIMUM Y	1.734	.979	1.050
MINIMUM Y	-1.060	-.868	-.797
CENTROID X	.266	.414	.577
CENTROID Y	-.077	-.269	-.340
POB TO CENTROID in.	.277	.494	.670

MIN RADIUS	:	.299	.223	.235
MEAN RADIUS	:	1.031	1.863	.766
MAX RADIUS	:	2.184	1.425	1.106
HORIZONTAL SPREAD	:	2.396	2.229	1.644
VERTICAL SPREAD	:	2.794	1.847	1.847
EXTREME SPREAD	:	3.328	2.422	1.945
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C06611594

CENTERFIRE PATTERNS # 3



HS= 2.363
VS= 1.638
GS= 3.011

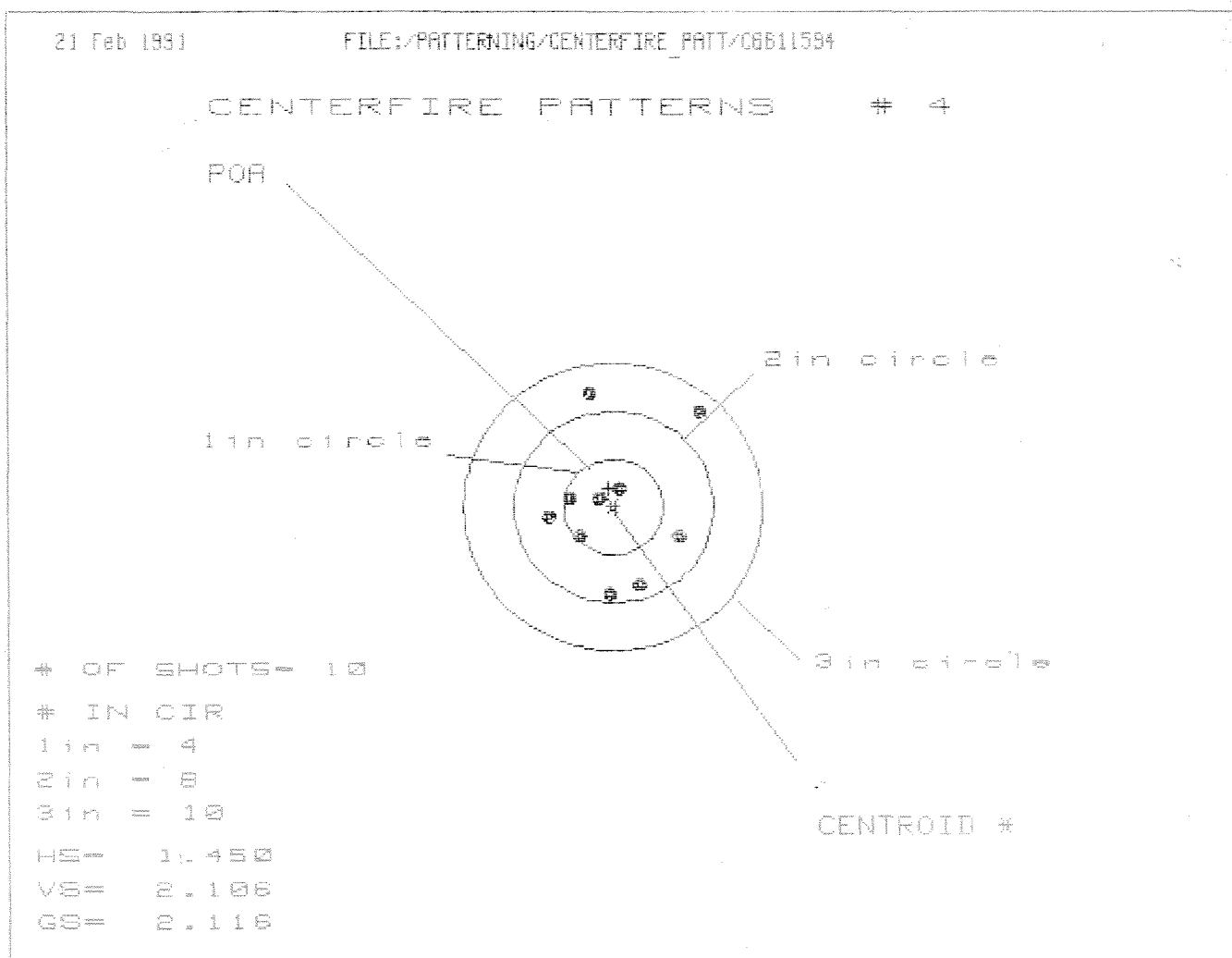
PATTERN #

13

SHOTS (BEST OF)

MAXIMUM X	:	10	9	8
MINIMUM X	:	.912	.684	.635
MAXIMUM Y	:	-2.051	-.825	-.874
MINIMUM Y	:	.954	1.033	.266
	:	-.644	-.605	-.475

CENTROID X	: .062	.023	-.106
POA TO CENTROID in.	: .071	.262	.328
MIN RADIUS	: .400	.280	.196
MEAN RADIUS	: .814	.610	.518
MAX RADIUS	: 2.082	1.104	.913
HORIZONTAL SPREAD	: 2.963	1.509	1.509
VERTICAL SPREAD	: 1.628	1.638	.742
EXTREME SPREAD	: 3.011	1.639	1.535
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.838	.787	.763

MAXIMUM Y	:	1.202	1.310	.441
MINIMUM Y	:	-.904	1.796	-.632
CENTROID X	:	.044	-.049	-.025
CENTROID Y	:	-.194	-.302	-.466
POA TO CENTROID in.	:	.199	.306	.467
MIN RADIUS	:	.161	.170	.285
MEAN RADIUS	:	.688	.602	.517
MAX RADIUS	:	1.282	1.325	.764
HORIZONTAL SPREAD	:	1.450	1.306	1.306
VERTICAL SPREAD	:	2.106	2.106	1.073
EXTREME SPREAD	:	2.116	2.116	1.318
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Feb 1991.

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11594

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 = 10

HS= 1.302

VS= 2.233

GS= 2.444

PATTERN #

13

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.643	.574	.645
MINIMUM X	-.659	-.728	-.657
MAXIMUM Y	1.071	.950	1.060
MINIMUM Y	-1.162	-1.283	-1.173
CENTROID X	.007	.076	.005
CENTROID Y	.054	.175	.065
POA TO CENTROID in.	.054	.191	.065
MIN RADIUS	.052	.105	.040
MEAN RADIUS	.841	.791	.745
MAX RADIUS	1.258	1.288	1.174
HORIZONTAL SPREAD	1.302	1.302	1.302
VERTICAL SPREAD	2.233	2.233	2.233
EXTREME SPREAD	2.444	2.266	2.240
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

COMMENTS

M2400079373

SWS TRIGGER PULL TEST

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

SERIAL NO. C1611594
DATE 2/9/96
TESTER AC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.37	2.35	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.39	2.66	
PULL #3	2.51	2.41	2.62	
PULL #4	2.48	2.44	2.56	
PULL #5	2.37	2.62	2.50	
TOTAL	12.34	12.21	12.98	
AVG.	2.47	2.44	2.60	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.08	
PULL #2	3.37	3.10	
PULL #3	3.29	3.03	
PULL #4	3.34	3.15	
PULL #5	3.32	3.11	
TOTAL	16.47	15.46	
AVG.	3.29	3.09	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.19		4.32
PULL #2	4.13	4.20		4.34
PULL #3	4.16	4.17		4.32
PULL #4	4.12	4.18		4.31
PULL #5	4.16	4.14		4.33
TOTAL	20.7	20.9		21.62
AVG.	4.14	4.18		4.32

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611594

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			2/20/96	LOB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			2/22/96	LOB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.57	2.52	2.44	2.49	2.52	2/24/96	RW
	C) Function							
660	Pack							