

C6587558

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

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

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

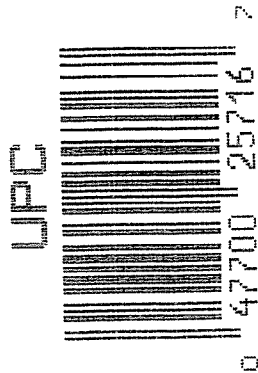
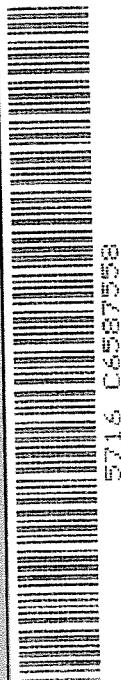
MODEL 700™ H24

SERIAL NO.
C6587558

ORDER NO.
5716

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

20



CONTRACT # DAAA21-87-C-0086

NEW BBLGUN SERIAL # C 6587558

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		11/6/90	WB
618	Polish Barrel <i>RB</i>		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/14/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/14/90	KS
	C) Inspect Ejector Hole for Chamfer		12/14/90	KS
	D) Oil Firing Pin Ass'y		12/14/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/7/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	4.50	4.75			1/3/91	KT
	G) Safety Off Force	2.0	2.25	2.0			1/3/91	KT
	H) Trigger Pull Test & Retainability						1/7/91	JH
	I) Firing Pin Indent	.021	.021	.022			1/3/91	KT
	J) Assemble Stock						1-14-91	KS
	K) Assemble Swivel Studs						1-15-91	JH
	L) Attach Front and Rear Sight Assemblies						1-14-91	KS
	M) Iron Sight Alignment						1-14-91	KS
	N) Detach Front & Rear Sights & place in numbered container						1-14-91	KS
	O) Attach Scope to Rifle						1-14-91	KS
	P) Detach & Attach Scope 20 Times						1-14-91	KS
640	Gallery Target & Test						1-14-91	AC
	A) Time						1-14-91	AC
	B) Malfunctions						1-14-91	AC
	C) Pierced Primers						1-14-91	AC
	D) Optical Clarity of Scope						1-14-91	AC
645	Inspect for Live Ammo						1-14-91	AC
655	Final Inspection							
	A) Headspace						1-15-91	JH
	B) Trigger Pull	2.17	2.20	2.10	2.15	2.23	1-15-91	JH
	C) Function						1-15-91	JH
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587558
DATE 1-2-91
TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.24	2.29	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.22	2.27	2.20	
PULL #3	2.38	2.29	2.25	2.10	
PULL #4	2.29	2.20	2.23	2.15	
PULL #5	2.33	2.20	2.20	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.50		
PULL #2	3.24	3.41		
PULL #3	3.44	3.45		
PULL #4	3.36	3.45		
PULL #5	3.49	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.41		4.28
PULL #2	4.31	4.43		4.28
PULL #3	4.39	4.34		4.36
PULL #4	4.32	4.33		4.29
PULL #5	4.39	4.34		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587558
15 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.280713
1 TO	2	.264864
1 TO	3	.192634
1 TO	4	.216622
1 TO	5	.317972

392 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2676
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0492
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .272085

THE AMR FOR THIS RIFLE IS: .8452

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587558

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.909

VS= 1.888

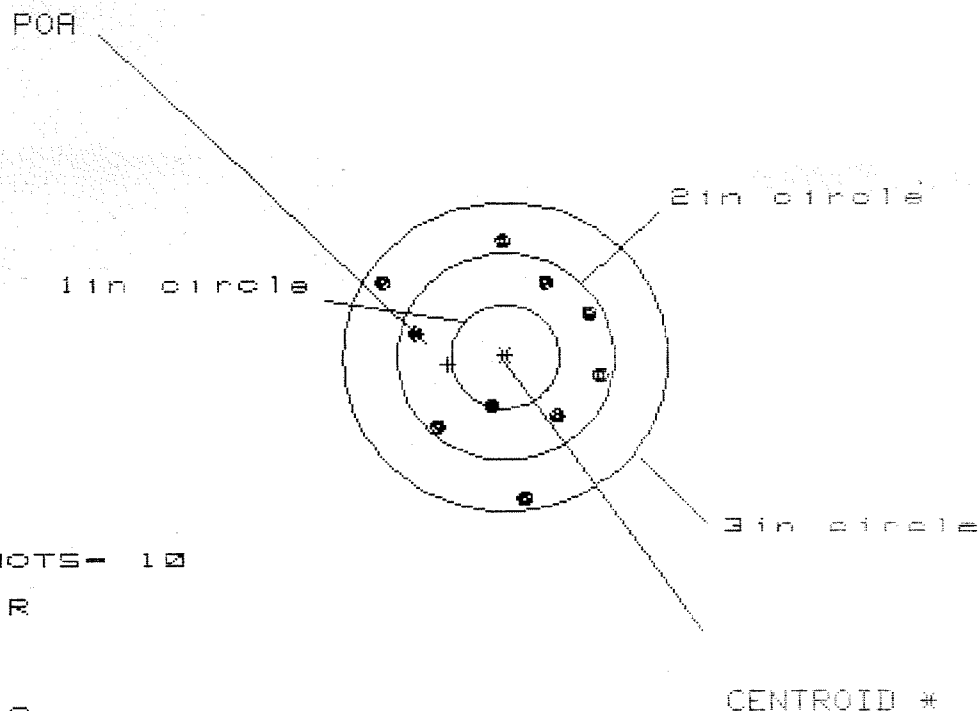
GS= 2.977

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.699	.556	.428
MINIMUM X	:	-1.210	-1.021	-.524
MAXIMUM Y	:	.704	.768	.768
MINIMUM Y	:	-1.184	-1.120	-1.120
CENTROID X	:	.280	.091	.219
CENTROID Y	:	-.020	-.084	-.084
POA TO CENTROID in.	:	.281	.124	.235
MIN RADIUS	:	.062	.141	.063
MEAN RADIUS	:	.676	.556	.471
MAX RADIUS	:	1.793	1.121	1.132
HORIZONTAL SPREAD	:	2.909	1.577	.952
VERTICAL SPREAD	:	1.888	1.888	1.888
EXTREME SPREAD	:	2.977	1.898	1.898
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587558

CENTERFIRE PATTERNS # 2



OF SHOTS- 10
 # IN CIR
 1 in - 1
 2 in - 7
 3 in - 10
 HS- 2.046
 VS- 2.546
 GS- 2.552

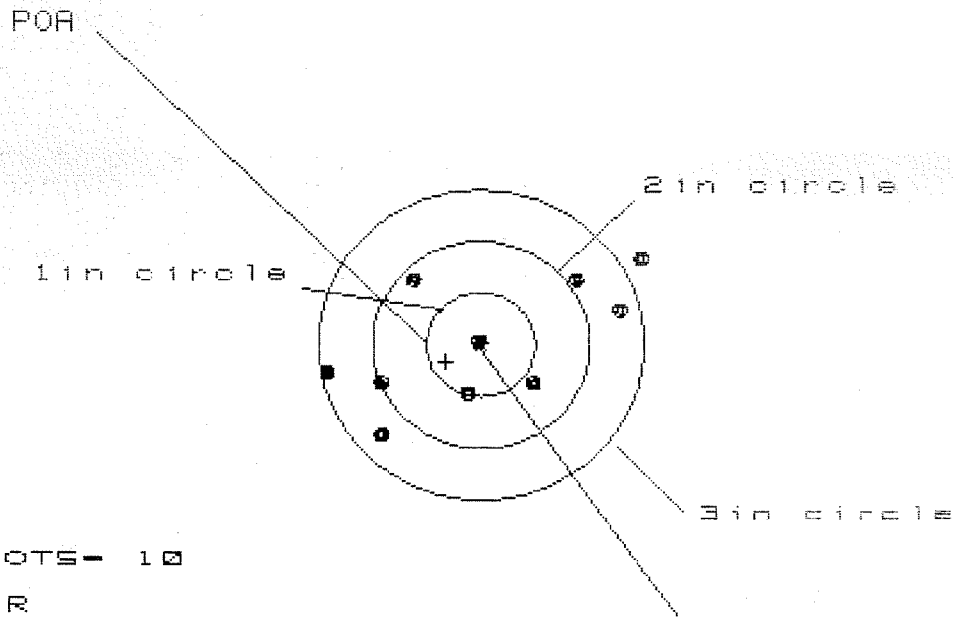
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.918	.935	.796
MINIMUM X	:	-1.128	-1.111	-.911
MAXIMUM Y	:	1.139	.982	1.049
MINIMUM Y	:	-1.407	-.805	-.738
CENTROID X	:	.528	.511	.650
CENTROID Y	:	.073	.230	.163
POA TO CENTROID in.	:	.533	.560	.670
MIN RADIUS	:	.448	.600	.570
MEAN RADIUS	:	.946	.892	.831
MAX RADIUS	:	1.415	1.234	1.060
HORIZONTAL SPREAD	:	2.046	2.046	1.787
VERTICAL SPREAD	:	2.546	1.787	1.787
EXTREME SPREAD	:	2.552	2.205	1.883
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587558

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.896

VS= 1.660

GS= 3.087

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.468	1.402	1.244
MINIMUM X	:	-1.428	-1.265	-.966
MAXIMUM Y	:	.783	.719	.695
MINIMUM Y	:	-.877	-.790	-.814
CENTROID X	:	.322	.159	.317
CENTROID Y	:	.168	.081	.105
POA TO CENTROID in.	:	.363	.178	.334
MIN RADIUS	:	.020	.194	.054
MEAN RADIUS	:	.971	.891	.821
MAX RADIUS	:	1.664	1.468	1.310
HORIZONTAL SPREAD	:	2.896	2.667	2.210
VERTICAL SPREAD	:	1.660	1.509	1.509
EXTREME SPREAD	:	3.087	2.741	2.490
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587558

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.123

VS= 2.281

GS= 2.374

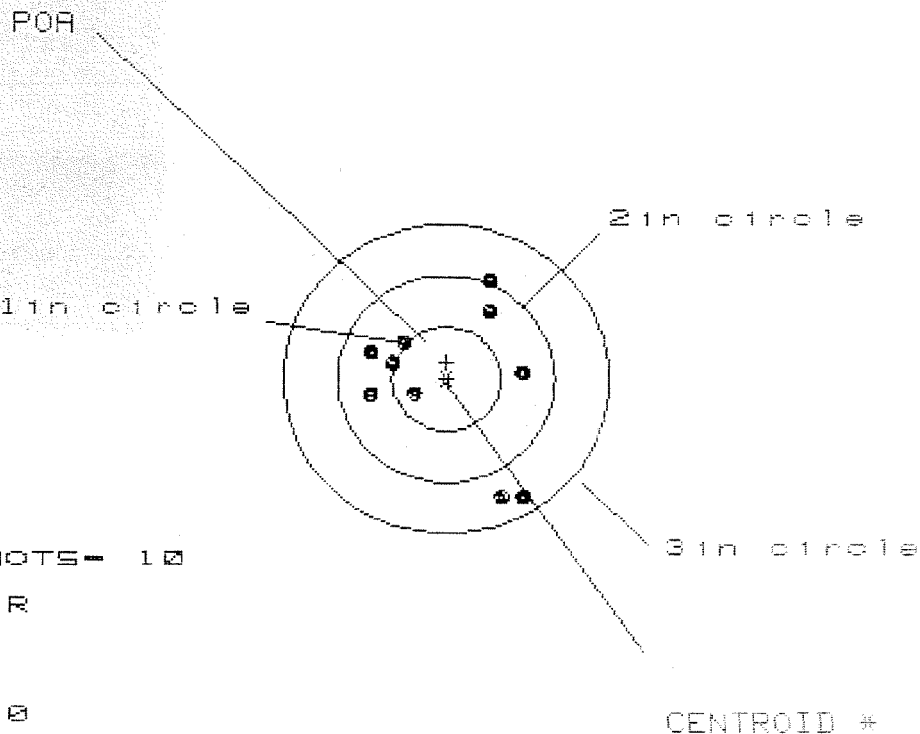
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	.444	.496
MINIMUM X	:	-1.185	-1.081	-1.035
MAXIMUM Y	:	1.074	.979	.816
MINIMUM Y	:	-1.207	-1.302	-1.103
CENTROID X	:	.213	.109	.063
CENTROID Y	:	.186	.281	.444
POA TO CENTROID in.	:	.283	.302	.449
MIN RADIUS	:	.243	.356	.361
MEAN RADIUS	:	.835	.782	.692
MAX RADIUS	:	1.269	1.354	1.120
HORIZONTAL SPREAD	:	2.123	1.525	1.525
VERTICAL SPREAD	:	2.281	2.281	1.919
EXTREME SPREAD	:	2.374	2.374	1.968
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587558

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.459

VS= 2.124

GS= 2.152

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.715	.793	.862
MINIMUM X	:	-.744	-.666	-.597
MAXIMUM Y	:	.980	.853	.701
MINIMUM Y	:	-1.144	-1.217	-.431
CENTROID X	:	-.005	-.083	-.152
CENTROID Y	:	-.161	-.034	.118
POA TO CENTROID in.	:	.161	.090	.193
MIN RADIUS	:	.331	.339	.243
MEAN RADIUS	:	.798	.705	.600
MAX RADIUS	:	1.343	1.337	.892
HORIZONTAL SPREAD	:	1.459	1.459	1.459
VERTICAL SPREAD	:	2.124	2.070	1.132
EXTREME SPREAD	:	2.152	2.073	1.552
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	