

C6649180

MODEL 700™ N24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Remington[®]

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

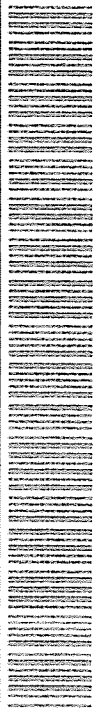
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
C6649180

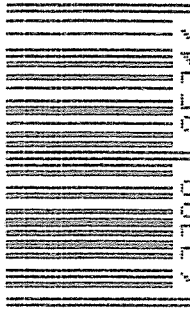
ORDER NO.
5716

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



5716 C6649180

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649180

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		RW
600	Proof	6 27 9 1		RW
607	Check Headspace	6 27 9 1		RW
610	Dis-assemble Gun	6 27 9 1		RW
612	Magnaflux Barrel Action	1 JUL	2 1991	KR
	Magnaflux Bolt	1 JUL	2 1991	KR
615	Rollmark Caliber	1 JUL	2 1991	GS
617	Drill and Tap Sight Holes	JUL	2 1991	FB
618	Polish Barrel	5 JUL	7 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	TA
	Apply Coating (Bolt)			P
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-26-91	SW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$			7-26-91	DH
	G) Safety Off Force	3 $\frac{1}{4}$	3 $\frac{3}{4}$	3 $\frac{3}{4}$			7-26-91	DH
	H) Trigger Pull Test & Retainability						7-26-91	JH
	I) Firing Pin Indent	.020	.020	.020			7-26-91	DH
	J) Assemble Stock						8/1/91	RW
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						8/1/91	RW
	M) Iron Sight Alignment						8/1/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/1/91	RW
	O) Attach Scope to Rifle						8/1/91	RW
	P) Detach & Attach Scope 20 Times						8/1/91	RW
640	Gallery Target & Test						8/1/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						8/1/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.30	2.25	2.40	2.35	2.39	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-14-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649180

DATE 7-26-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.20	2.20	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.44	2.28	2.25	
PULL #3	2.32	2.41	2.44	2.40	
PULL #4	2.48	2.31	2.38	2.35	
PULL #5	2.69	2.16	2.38	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.65		
PULL #2	3.27	3.60		
PULL #3	3.17	3.61		
PULL #4	3.41	3.61		
PULL #5	3.50	3.57		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.50		4.51
PULL #2	4.32	4.39		4.54
PULL #3	4.29	4.40		4.52
PULL #4	4.35	4.44		4.58
PULL #5	4.42	4.48		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # 6649180

1 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.117388
1 TO	2	.0760592
1 TO	3	.193569
1 TO	4	.243319
1 TO	5	.123491

⌘ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0018

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0038

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00420476

THE AMR FOR THIS RIFLE IS: 1.034

1 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C9B49160

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.153

VS= 2.666

GS= 2.779

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 =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =



10

9

8

.519

.449

.401

-.634

-.380

-.403

.943

.751

.578

-1.723

-1.389

-.539

.001

.071

.119

.007

.199

.372

.007

.211

.391

.200

.091

.076

.717

.533

.385

1.836

1.440

.592

1.153

.829

.804

2.666

2.140

1.117

2.779

2.189

1.150

5

8

9

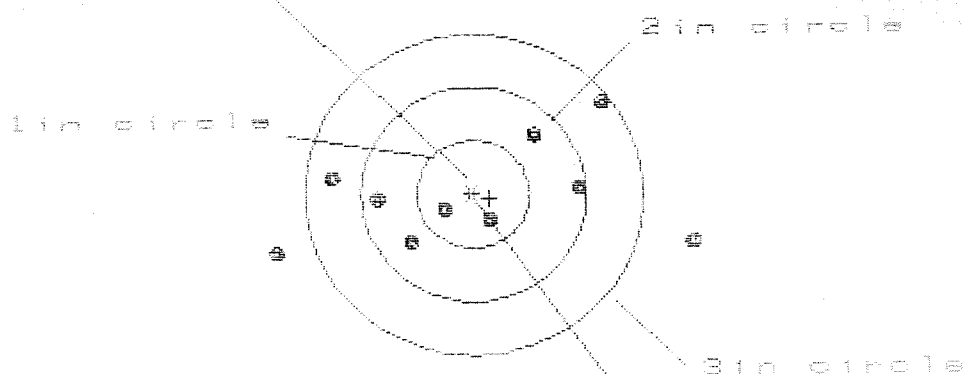
1 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849180

CENTERFIRE PATTERNS

2

POR



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.647

VS= 1.413

GS= 3.648

CENTROID *

PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.897	1.330	1.137
MINIMUM X	-1.750	-1.539	-1.266
MAXIMUM Y	.891	.844	.773
MINIMUM Y	-.522	-.569	-.516
CENTROID X	-.144	-.355	-.163
CENTROID Y	.044	.091	.162
POR TO CENTROID in.	.151	.366	.230
MIN RADIUS	.280	.231	.388
MEAN RADIUS	1.047	.928	.847
MAX RADIUS	1.945	1.641	1.375
HORIZONTAL SPREAD	3.647	2.869	2.404
VERTICAL SPREAD	1.413	1.413	1.289
EXTREME SPREAD	3.648	3.198	2.508
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

1 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849180

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.656

VS= 4.328

GS= 4.505

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.199	1.185	1.001
MINIMUM X	-1.457	-1.471	-0.906
MAXIMUM Y	2.774	1.238	1.092
MINIMUM Y	-1.554	-1.246	-1.392
CENTROID X	.096	.110	.294
CENTROID Y	.079	-.229	-.083
POR TO CENTROID in.	.124	.254	.306
MIN RADIUS	.111	.420	.341
MEAN RADIUS	1.220	1.092	.974
MAX RADIUS	2.777	1.878	1.673
HORIZONTAL SPREAD	2.656	2.656	1.907
VERTICAL SPREAD	4.328	2.484	2.484
EXTREME SPREAD	4.505	3.088	3.088
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

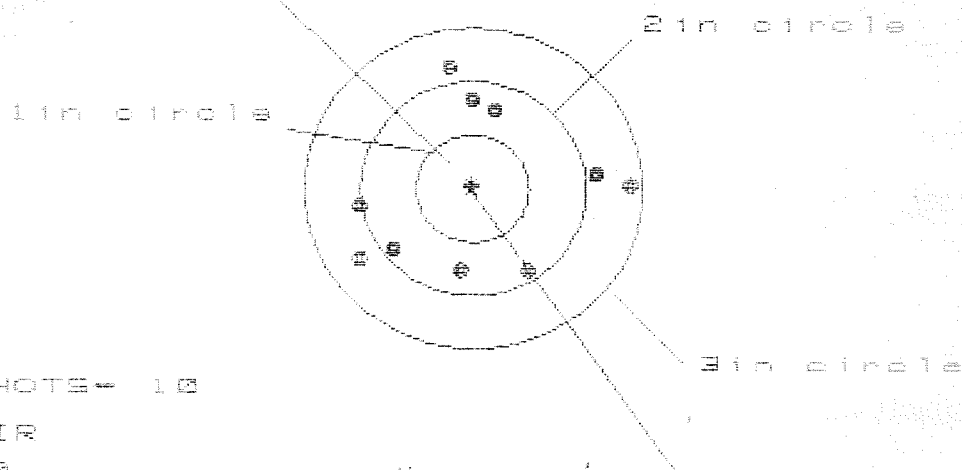
1 Aug 1991

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CENTERFIRE PATTERNS

4

POB



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 10

HS = 2.409

VS = 1.862

GS = 2.508

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.367	1.274	1.163
MINIMUM X	-1.042	-0.891	-0.977
MAXIMUM Y	1.092	1.093	1.007
MINIMUM Y	-0.770	-0.769	-0.855
CENTROID X	0.010	-0.141	-0.030
CENTROID Y	-0.041	-0.042	0.044
POB TO CENTROID in.	0.043	0.148	0.053
MIN RADIUS	0.715	0.714	0.704
MEAN RADIUS	1.003	0.949	0.922
MAX RADIUS	1.367	1.285	1.166
HORIZONTAL SPREAD	2.409	2.165	2.140
VERTICAL SPREAD	1.862	1.862	1.862
EXTREME SPREAD	2.508	2.326	2.162
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

1 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6849160

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 6

HS= 2.851

VS= 4.568

GS= 4.591

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.336	1.337	1.396
MINIMUM X	-1.515	-1.514	-1.455
MAXIMUM Y	2.165	1.920	.814
MINIMUM Y	-2.383	-1.387	-1.147
CENTROID X	.046	.045	-.014
CENTROID Y	-.108	.157	-.083
POA TO CENTROID in.	.118	.163	.085
MIN RADIUS	.286	.352	.223
MEAN RADIUS	1.101	1.012	.892
MAX RADIUS	2.383	1.978	1.097
HORIZONTAL SPREAD	2.851	2.851	2.851
VERTICAL SPREAD	4.568	3.307	1.961
EXTREME SPREAD	4.591	3.418	3.086
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		