

05649270

MODEL 760TH N24

Model SMSTH

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

*Still
Smart*

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

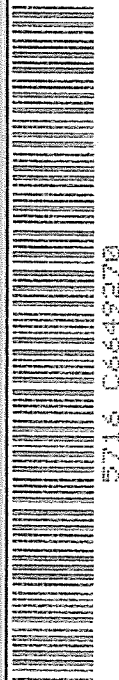
MODEL 700™ M24

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

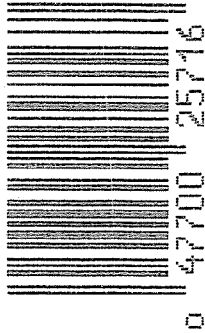
VERY IMPORTANT!
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6649270

ORDER NO.
 5716



LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649270

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	JS
	Magnaflux Bolt		JUL 22 1991	JS
615	Rollmark Caliber		JUL 22 1991	JS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7-2-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-13-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-13-91	SH
	G) Safety Off Force	3	3	3			8-13-91	SH
	H) Trigger Pull Test & Retainability						8-13-91	SH
	I) Firing Pin Indent	1020	1020	1020			8-13-91	SH
	J) Assemble Stock						8-17-91	RW
	K) Assemble Swivel Studs						8-17-91	D/H
	L) Attach Front and Rear Sight Assemblies						8-17-91	RW
	M) Iron Sight Alignment						8-17-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-17-91	RW
	O) Attach Scope to Rifle						8-17-91	RW
	P) Detach & Attach Scope 20 Times						8-17-91	RW
640	Gallery Target & Test						8-15-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						8-15-91	NE
655	Final Inspection							
	A) Headspace						8-17-91	D/H
	B) Trigger Pull	2.53	2.52	2.55	2.47	2.56	8-17-91	D/H
	C) Function						8-17-91	D/H
660	Pack						8-17-91	D/H

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649270
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.3676
1 TO	2	.338999
1 TO	3	.385292
1 TO	4	.311978
1 TO	5	.439892

4

-----POB

AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0772
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0390
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0362555
APR FOR THIS RIFLE IS: 1.018

FILE:/PATTERNING/CENTERFIRE_PATT/ C0649270

CENTERFIRE PATTERNS

1

FOR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 6

X = 2.834

Y = 4.456

Z = 4.036

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.559	1.413	1.362
MINIMUM X	-1.315	-1.353	-1.404
MAXIMUM Y	2.486	1.264	1.052
MINIMUM Y	-1.967	-1.691	-1.066
CENTROID X	-1.281	-1.135	-0.694
CENTROID Y	1.237	-0.099	.173
FOR TO CENTROID in.	1.368	.141	.192
MIN RADIUS	1.545	.297	.513
MEAN RADIUS	1.323	1.098	1.029
MAX RADIUS	2.812	1.851	1.755
HORIZONTAL SPREAD	2.874	2.766	2.766
VERTICAL SPREAD	4.453	2.955	2.118
EXTREME SPREAD	4.576	3.163	2.791
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/ C6645270

CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

ME = 0.403

VG = 1.617

CS = 0.499

PATTERN #

2

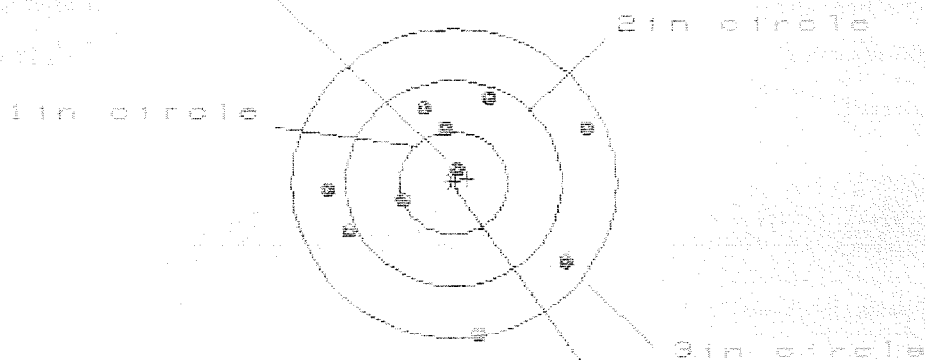
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.079	1.258	1.128
MINIMUM X	-1.324	-1.093	-1.233
MAXIMUM Y	.979	1.032	1.429
MINIMUM Y	-.538	-.585	-.456
CENTROID X	.041	-.190	-.060
CENTROID Y	.131	.078	-.051
POR TO CENTROID in.	.137	.205	.079
MIN RADIUS	.067	.302	.267
MEAN RADIUS	.892	.782	.664
MAX RADIUS	2.132	1.462	1.233
HORIZONTAL SPREAD	3.403	2.351	2.351
VERTICAL SPREAD	1.617	1.617	.895
EXTREME SPREAD	3.499	2.591	2.354
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

23 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PATT/ C6649273

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.431

VS = 2.264

GS = 2.503

CENTROID #

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.249	1.271	1.192
MINIMUM X	-1.182	-1.160	-1.001
MAXIMUM Y	.821	.660	.713
MINIMUM Y	-1.443	-1.911	-1.858
CENTROID X	-.130	-.152	-.311
CENTROID Y	-.036	.125	.072
FOR TO CENTROID in.	.135	.196	.319
MIN RADIUS	.143	.088	.243
MEAN RADIUS	.916	.820	.753
MAX RADIUS	1.457	1.377	1.468
HORIZONTAL SPREAD	2.431	2.431	2.193
VERTICAL SPREAD	2.264	1.571	1.571
EXTREME SPREAD	2.503	2.503	2.313
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE PATT/ C6649270

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 1.727

VS= 2.767

GS= 2.869

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

NUMBER IN TWO

NUMBER IN THREE

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

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

SERIAL NO. C-6649270DATE 8-13-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.51	2.44	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.57	2.48	2.52	
PULL #3	2.41	2.56	2.53	2.55	
PULL #4	2.56	2.56	2.50	2.47	
PULL #5	2.35	2.34	2.53	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.66		
PULL #2	3.28	3.47		
PULL #3	3.42	3.44		
PULL #4	3.50	3.49		
PULL #5	3.47	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.17		4.56
PULL #2	4.25	4.43		4.53
PULL #3	4.46	4.35		4.45
PULL #4	4.50	4.34		4.20
PULL #5	4.38	4.34		4.58
TOTAL				
AVG.				