

C6649261

MODEL 706™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington

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

DU PONT

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

MODEL 700TM M24

SERIAL NO.
C6649261

ORDER NO.
5716

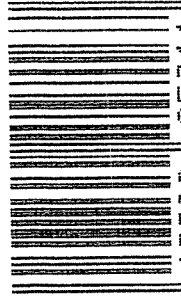
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649261

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649261

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	JS
618	Polish Barrel		7/28/91	WB
620	Apply Coatings (Barrel Action)		8-2-91	JS
	Apply Coating (Bolt)		8-2-91	JS
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		8-12-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-12-91	GH
	G) Safety Off Force	3	3	3			8-12-91	GH
	H) Trigger Pull Test & Retainability						8-12-91	GH
	I) Firing Pin Indent	.0205	.020	.020			8-12-91	GH
	J) Assemble Stock						8-14-91	RW
	K) Assemble Swivel Studs						8-17-91	DH
	L) Attach Front and Rear Sight Assemblies						8-14-91	RW
	M) Iron Sight Alignment						8-14-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-14-91	RW
	O) Attach Scope to Rifle						8-14-91	RW
	P) Detach & Attach Scope 20 Times						8-14-91	RW
640	Gallery Target & Test						8-15-91	AC
	A) Time						8-15-91	AC
	B) Malfunctions						8-15-91	AC
	C) Pierced Primers						8-15-91	AC
	D) Optical Clarity of Scope						8-15-91	AC
645	Inspect for Live Ammo						8-15-91	AC
655	Final Inspection						8-17-91	DH
	A) Headspace						8-17-91	DH
	B) Trigger Pull	2.73	2.32	2.28	2.32	2.29	8-17-91	DH
	C) Function						8-17-91	DH
660	Pack						9-16-91	AF

AVERAGE PULL FORCE BETWEEN

INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649261DATE 8-12-91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.32	2.48	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.49	2.48	2.32	
PULL #3	2.58	2.44	2.44	2.28	
PULL #4	2.48	2.50	2.47	2.32	
PULL #5	2.46	2.50	2.45	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.53		
PULL #2	3.52	3.46		
PULL #3	3.36	3.51		
PULL #4	3.31	3.52		
PULL #5	3.44	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.45		4.38
PULL #2	4.45	4.46		4.38
PULL #3	4.33	4.60		4.25
PULL #4	4.26	4.36		4.24
PULL #5	4.39	4.32		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649261
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.107424
1 TO	2	.17623
1 TO	3	.0994786
1 TO	4	.200661
1 TO	5	.475925

5
15 (---)POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .07
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .027
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0750267
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9074

29 AUG 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06648261

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

CE= 1.615

VE= 2.613

GS= 2.783

PATTERN #

1

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

10

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23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649261

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.683

VS= 3.125

GS= 3.499

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.485

1.307

1.380

MINIMUM X

-1.278

-1.376

-1.302

MAXIMUM Y

1.511

1.332

.579

MINIMUM Y

-1.614

-1.138

-.972

CENTROID X

.124

.222

.149

CENTROID Y

-.103

.076

-.090

POA TO CENTROID in.

.161

.235

.174

MIN RADIUS

.152

.154

.125

MEAN RADIUS

1.011

.885

.820

MAX RADIUS

1.842

1.456

1.383

HORIZONTAL SPREAD

2.683

2.683

2.683

VERTICAL SPREAD

3.125

2.470

1.551

EXTREME SPREAD

3.499

2.783

2.684

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

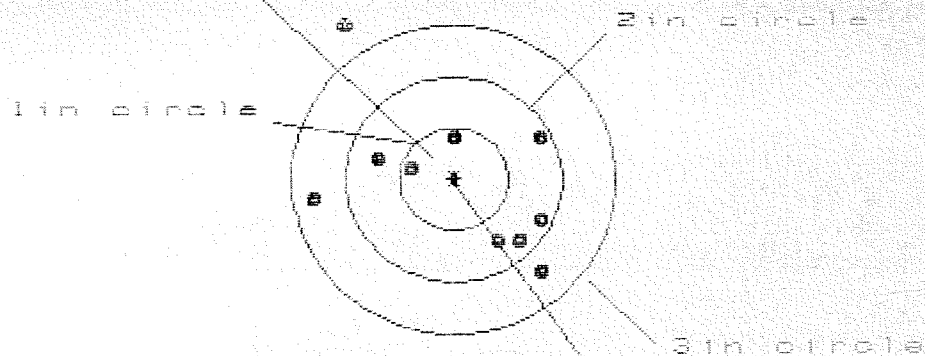
23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649261

CENTERFIRE PATTERNS

3

POR



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.139

VS= 2.414

GS= 2.970

CENTROID #

PATTERN #

13

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.824	.717	.539
MINIMUM X	-1.315	-1.422	-.980
MAXIMUM Y	1.514	.617	.610
MINIMUM Y	-.900	-.732	-.739
CENTROID X	-.002	.105	.283
CENTROID Y	-.008	-.176	-.169
POR TO CENTROID in.	.008	.205	.329
MIN RADIUS	.396	.477	.406
MEAN RADIUS	.916	.802	.699
MAX RADIUS	1.794	1.423	1.033
HORIZONTAL SPREAD	2.139	2.139	1.499
VERTICAL SPREAD	2.414	1.349	1.349
EXTREME SPREAD	2.970	2.243	1.826
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

23 Aug 1991

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CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 1.770

VS = 2.644

GS = 2.871

CENTROID #

PATTERN

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.856	.754	.767
MINIMUM X	-.914	-.713	-.700
MAXIMUM Y	1.235	1.078	.693
MINIMUM Y	-1.409	-.990	-.855
CENTROID X	-.009	.093	.080
CENTROID Y	.102	.258	.123
POA TO CENTROID in.	.102	.274	.147
MIN RADIUS	.407	.268	.332
MEAN RADIUS	.800	.686	.633
MAX RADIUS	1.689	1.083	1.034
HORIZONTAL SPREAD	1.770	1.467	1.467
VERTICAL SPREAD	2.644	2.068	1.548
EXTREME SPREAD	2.871	2.083	1.790
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

28 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649261

CENTERFIRE PATTERNS

5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.217

VS= 2.333

GS= 3.151

CENTROID #

PATTERN

5

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.081	.996	.882
MINIMUM X	-1.136	-1.016	-1.138
MAXIMUM Y	1.172	.908	.779
MINIMUM Y	-1.161	-1.031	-1.561
CENTROID X	.289	.169	.283
CENTROID Y	.238	.108	.237
POB TO CENTROID in.	.375	.200	.369
MIN RADIUS	.170	.148	.175
MEAN RADIUS	.887	.799	.715
MAX RADIUS	1.594	1.390	1.157
HORIZONTAL SPREAD	2.217	2.012	2.012
VERTICAL SPREAD	2.333	1.939	1.340
EXTREME SPREAD	3.151	2.516	2.137
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		