

C6611724

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

MODEL 700™ M24

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

DU PONT

SERIAL NO.
C6611724

ORDER NO.
5716

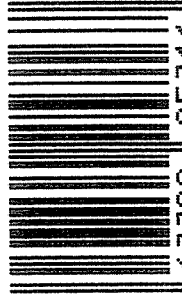
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611724

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611724

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber	1 18	91	LS
617	Drill and Tap Sight Holes	1 24	91	LB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	TS
	Apply Coating (Bolt)			TS
625	Final Assembly		3/8/91	KL
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KL
	C) Inspect Ejector Hole for Chamfer		3/8/91	KL
	D) Oil Firing Pin Ass'y		3/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		4/1/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/1/91	JP
	G) Safety Off Force	3	3	3			4/1/91	JP
	H) Trigger Pull Test & Retainability						4/1/91	JP
	I) Firing Pin Indent	.0215	.0215	.0215			4/1/91	JP
	J) Assemble Stock						4-2-91	KS
	K) Assemble Swivel Studs						4-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/2/91	KS
	M) Iron Sight Alignment						4/2/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/2/91	KS
	O) Attach Scope to Rifle						4/2/91	KS
	P) Detach & Attach Scope 20 Times						4/2/91	KS
640	Gallery Target & Test						4-4-91	DH
	A) Time						4-4-91	DH
	B) Malfunctions						4-4-91	DH
	C) Pierced Primers						4-4-91	D/H
	D) Optical Clarity of Scope						4-4-91	D/H
645	Inspect for Live Ammo						4-4-91	D/H
655	Final Inspection							
	A) Headspace						4-8-91	D/H
	B) Trigger Pull	2.52	2.36	2.33	2.33	2.31	4/5/91	JP
	C) Function						4-8-91	D/H
660	Pack						6-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611724

DATE 4/1/91

TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.30	2.29	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.31	2.30	2.36	
PULL #3	2.28	2.22	2.25	2.33	
PULL #4	2.27	2.33	2.28	2.33	
PULL #5	2.25	2.30	2.28	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.30		
PULL #2	3.23	3.32		
PULL #3	3.14	3.26		
PULL #4	3.21	3.27		
PULL #5	3.18	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.40		4.42
PULL #2	4.31	4.37		4.39
PULL #3	4.37	4.38		4.41
PULL #4	4.32	4.43		4.43
PULL #5	4.35	4.43		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611724
4 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.117154
1 TO	2	.337001
1 TO	3	.265272
1 TO	4	.088
1 TO	5	.228815

(----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1096
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110568
THE AMP FOR THIS RIFLE IS: .9194

Apr 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C8611724

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 1.511

VS = 2.387

GS = 2.519

CENTROID #

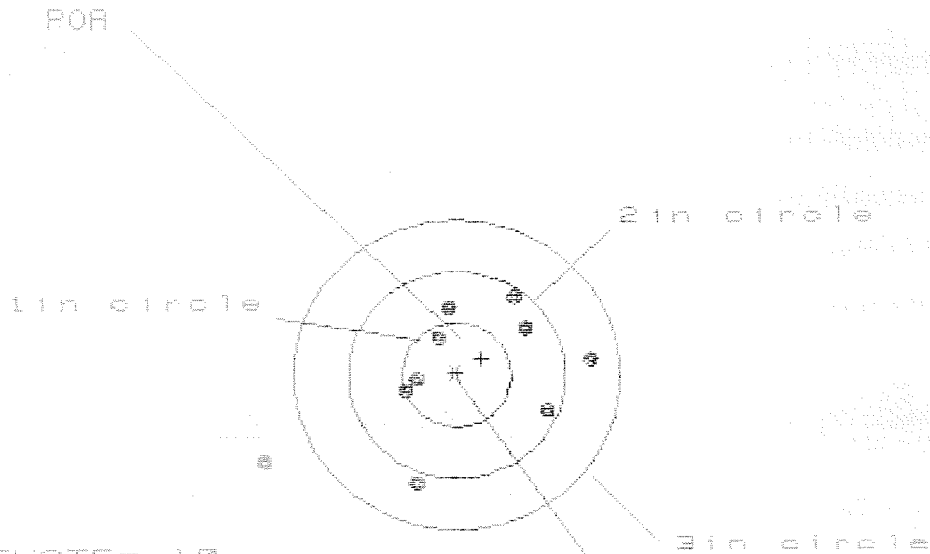
PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.935	.535	.573
MINIMUM X	-.576	-.472	-.434
MAXIMUM Y	1.072	.969	.785
MINIMUM Y	-1.315	-1.424	-.890
CENTROID X	-.027	-.131	-.169
CENTROID Y	.114	.223	.481
POA TO CENTROID in.	.117	.258	.435
MIN RADIUS	.338	.354	.238
MEAN RADIUS	.806	.726	.610
MAX RADIUS	1.353	1.456	.901
HORIZONTAL SPREAD	1.511	1.007	1.007
VERTICAL SPREAD	2.387	2.387	1.675
EXTREME SPREAD	2.519	2.496	1.693
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811724

CENTERFIRE PATTERNS # 2



* OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.995

VS= 1.774

GS= 0.157

PATTERN

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.235	1.039	.801
MINIMUM X	-1.760	-.656	-.526
MAXIMUM Y	.734	.645	.659
MINIMUM Y	-1.040	-1.129	-1.115
CENTROID X	-.230	-.034	-.164
CENTROID Y	-.155	-.066	-.080
POA TO CENTROID in.	.277	.075	.183
MIN RADIUS	.364	.500	.419
MEAN RADIUS	.880	.750	.696
MAX RADIUS	1.932	1.260	1.195
HORIZONTAL SPREAD	2.995	1.695	1.327
VERTICAL SPREAD	1.774	1.774	1.774
EXTREME SPREAD	3.157	2.023	1.976
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811724

CENTERFIRE PATTERNS

3

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.810

VS= 3.091

GS= 3.241

PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.881	.899	.799
MINIMUM X	-.929	-.911	-1.011
MAXIMUM Y	1.810	1.416	1.280
MINIMUM Y	-1.281	-1.080	-.933
CENTROID X	-.140	-.158	-.058
CENTROID Y	-.126	-.328	-.192
POR TO CENTROID in.	.189	.364	.201
MIN RADIUS	.132	.224	.057
MEAN RADIUS	.936	.822	.738
MAX RADIUS	1.816	1.445	1.295
HORIZONTAL SPREAD	1.810	1.810	1.810
VERTICAL SPREAD	3.091	2.496	2.214
EXTREME SPREAD	3.241	2.724	2.238
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11724

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

* OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.264

VS= 1.818

QS= 2.832

CENTROID *

PATTERN #

34

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.072

.949

.951

MINIMUM X

-1.192

-1.315

-1.196

MAXIMUM Y

.896

.932

.829

MINIMUM Y

-.922

-.822

-.909

CENTROID X

.059

.182

.063

CENTROID Y

.114

.014

.117

POA TO CENTROID in.

.128

.182

.133

MIN RADIUS

.425

.431

.421

MEAN RADIUS

.971

.906

.868

MAX RADIUS

1.418

1.375

1.233

HORIZONTAL SPREAD

2.264

2.264

2.147

VERTICAL SPREAD

1.818

1.754

1.738

EXTREME SPREAD

2.832

2.575

2.189

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

10

4 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0811724

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

* OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.121

VS= 2.485

GS= 2.783

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 =

M3

10

9

8

1.132

.925

1.023

-.989

-.863

-.765

1.083

.962

.772

-1.402

-1.523

-.888

-.210

-.336

-.434

-.020

.101

.291

.211

.351

.523

.518

.350

.136

1.004

.901

.744

1.569

1.713

1.252

2.121

1.788

1.788

2.485

2.485

1.660

2.783

2.783

2.879

0

6

8