

C6611758

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

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

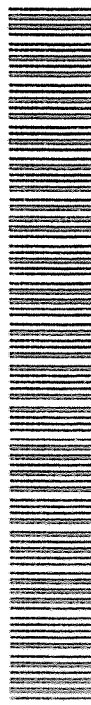
MODEL 700TM W24

SERIAL NO. C6611758

ORDER NO. 5716

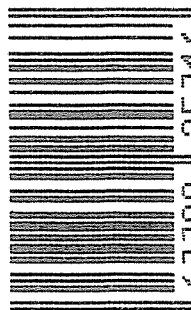
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

46



5716 C6611758

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611758

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action		APR 2 1991	K.R.
	Magnaflux Bolt		APR 2 1991	IC
615	Rollmark Caliber		APR 2 1991	GL
617	Drill and Tap Sight Holes		APR 5 1991	LB
618	Polish Barrel		APR 5 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/12/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			4/12/91	WLB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			4/12/91	WLB
	H) Trigger Pull Test & Retainability						4/12/91	921
	I) Firing Pin Indent	.0205	.0205	.0205			4/12/91	WLB
	J) Assemble Stock						4/12/91	KS
	K) Assemble Swivel Studs						4-17-91	A
	L) Attach Front and Rear Sight Assemblies						4/12/91	KS
	M) Iron Sight Alignment						4/12/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/12/91	KS
	O) Attach Scope to Rifle						4/12/91	KS
	P) Detach & Attach Scope 20 Times						4/12/91	KS
640	Gallery Target & Test						4-15-91	DH
	A) Time						4-15-91	DH
	B) Malfunctions						4-15-91	DH
	C) Pierced Primers						4-15-91	DH
	D) Optical Clarity of Scope						4-15-91	DH
645	Inspect for Live Ammo						4-15-91	DH
655	Final Inspection						4-17-91	A
	A) Headspace						4/16/91	921
	B) Trigger Pull	2.31	2.36	2.36	2.36	2.21	4/16/91	921
	C) Function						4-17-91	A
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6611758

DATE 4/12/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.31	2.30	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.31	2.40	2.36	
PULL #3	2.48	2.34	2.43	2.36	
PULL #4	2.56	2.31	2.32	2.36	
PULL #5	2.18	2.38	2.34	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.18		
PULL #2	3.45	3.44		
PULL #3	3.38	3.52		
PULL #4	3.52	3.48		
PULL #5	3.51	3.47		
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	4.37		4.35
PULL #2	4.31	4.36		4.22
PULL #3	4.21	4.28		4.28
PULL #4	4.26	4.29		4.33
PULL #5	4.28	4.27		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611758
15 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.220084
1 TO	2	.524995
1 TO	3	.426878
1 TO	4	.234389
1 TO	5	.062426

<----POA

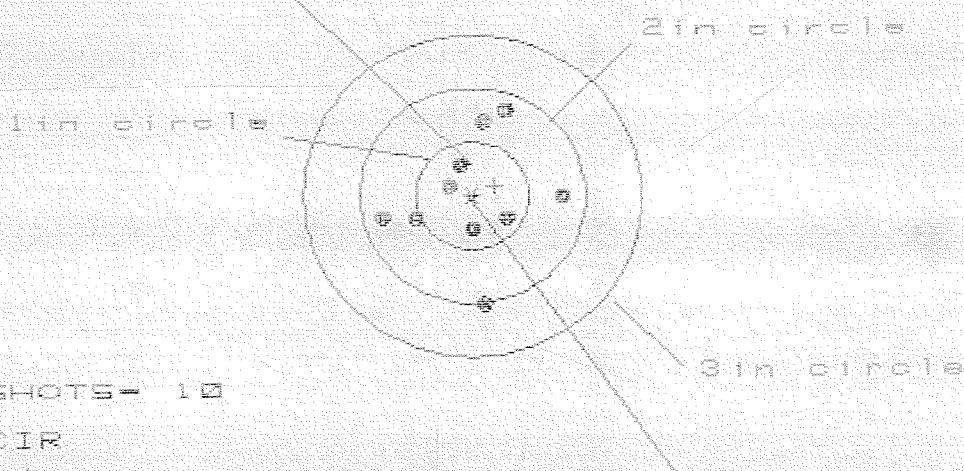
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0304
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0332223
THE RMR FOR THIS RIFLE IS: .8124

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611758

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.614

VS= 1.793

GS= 1.804

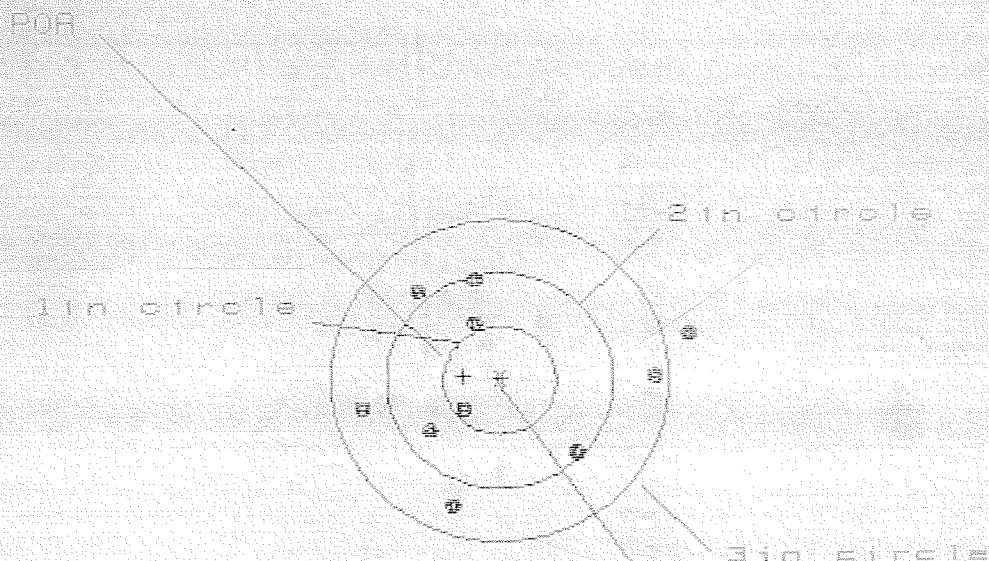
CENTROID x

PATTERN #		10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.764	.778	.674
MINIMUM X	:	-.850	-.836	-.599
MAXIMUM Y	:	.776	.663	.627
MINIMUM Y	:	-1.017	-.393	-.429
CENTROID X	:	-.199	-.213	-.109
CENTROID Y	:	-.094	.019	.055
POA TO CENTROID in.	:	.220	.214	.122
MIN RADIUS	:	.193	.146	.183
MEAN RADIUS	:	.580	.522	.483
MAX RADIUS	:	1.025	.883	.694
HORIZONTAL SPREAD	:	1.614	1.614	1.273
VERTICAL SPREAD	:	1.793	1.056	1.056
EXTREME SPREAD	:	1.804	1.621	1.281
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611758

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 2.850

VS= 2.047

GS= 2.936

CENTROID *

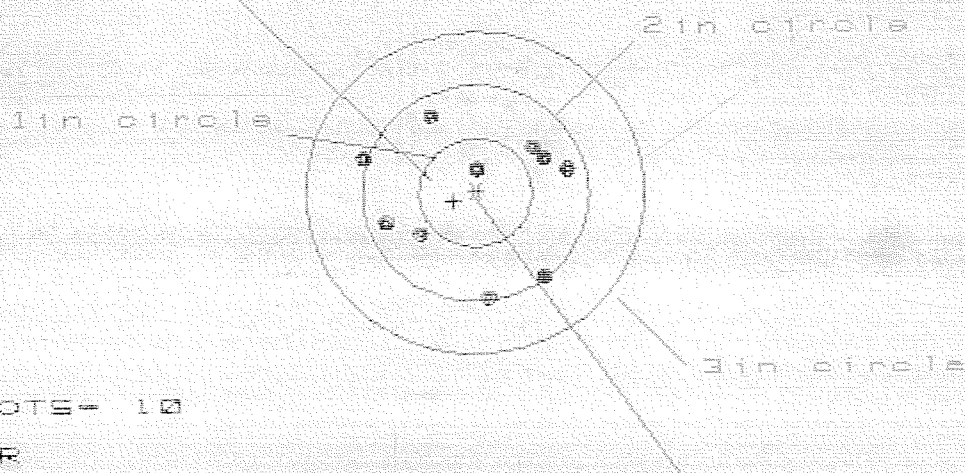
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.642	1.590	1.099
MINIMUM X	:	-1.208	-1.026	-.827
MAXIMUM Y	:	.918	.968	.981
MINIMUM Y	:	-1.129	-1.079	-1.066
CENTROID X	:	.323	.141	-.058
CENTROID Y	:	-.038	-.008	-.101
POA TO CENTROID in.	:	.326	.166	.116
MIN RADIUS	:	.418	.252	.195
MEAN RADIUS	:	1.041	.926	.807
MAX RADIUS	:	1.702	1.593	1.250
HORIZONTAL SPREAD	:	2.850	2.616	1.926
VERTICAL SPREAD	:	2.047	2.047	2.047
EXTREME SPREAD	:	2.936	2.634	2.070
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Apr 1991

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CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.811

VS= 1.718

GS= 1.929

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.683	.686
MINIMUM X	:	-1.016	-.917	-.914
MAXIMUM Y	:	.763	.803	.689
MINIMUM Y	:	-.955	-.915	-.810
CENTROID X	:	.193	.305	.302
CENTROID Y	:	.075	.035	.149
POB TO CENTROID in.	:	.207	.307	.337
MIN RADIUS	:	.201	.280	.191
MEAN RADIUS	:	.770	.732	.688
MAX RADIUS	:	1.077	.938	.965
HORIZONTAL SPREAD	:	1.811	1.600	1.600
VERTICAL SPREAD	:	1.718	1.718	1.499
EXTREME SPREAD	:	1.929	1.785	1.757
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Apr 1991

FILE:/PATTERNING/CENTER FIRE_PATT/C8611758

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.940

VS= 2.054

GS= 2.554

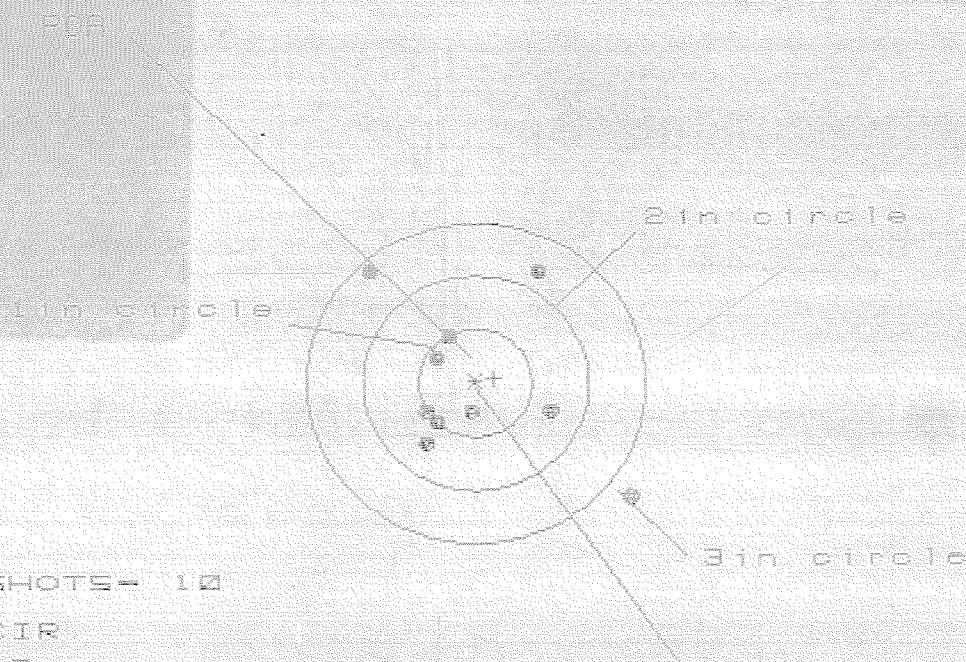
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.900	.809	.875
MINIMUM X	:	-1.040	-1.131	-1.065
MAXIMUM Y	:	.894	.765	.604
MINIMUM Y	:	-1.160	-1.287	-.662
CENTROID X	:	-.002	.089	.023
CENTROID Y	:	.033	.162	.323
POA TO CENTROID in.	:	.033	.185	.324
MIN RADIUS	:	.227	.284	.285
MEAN RADIUS	:	.890	.809	.721
MAX RADIUS	:	1.422	1.391	1.083
HORIZONTAL SPREAD	:	1.940	1.940	1.940
VERTICAL SPREAD	:	2.054	2.052	1.266
EXTREME SPREAD	:	2.554	2.078	2.040
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

FILE # 193

FILE:/PATTERNING/CENTERFIRE_PATT/06511758

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 2.320

VS= 2.097

GS= 3.103

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.364	.821	.721
MINIMUM X	-.956	-.805	-.365
MAXIMUM Y	1.056	.940	1.053
MINIMUM Y	-1.041	-.646	-.533
CENTROID X	-.163	-.314	-.214
CENTROID Y	-.043	.073	-.040
POA TO CENTROID in.	.168	.323	.218
MIN RADIUS	.283	.212	.285
MEAN RADIUS	.781	.655	.576
MAX RADIUS	1.716	1.209	1.237
HORIZONTAL SPREAD	2.320	1.626	1.086
VERTICAL SPREAD	2.097	1.586	1.586
EXTREME SPREAD	3.103	2.072	1.883
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	