

C6587561

MODEL 760™ 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.

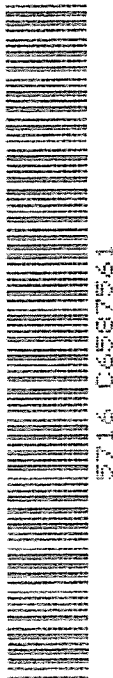
Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

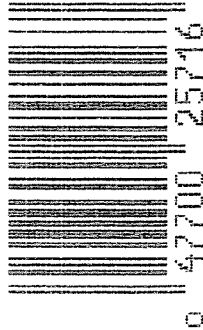
SERIAL NO.
06587561

ORDER NO.
5716

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



UPC



CONTRACT # DAAA21-87-C-0086

NEW BBL

GUN SERIAL # C 6587561

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		10/30/90	ES
617	Drill and Tap Sight Holes		11/6/90	KVB
618	Polish Barrel AB		11/7/90	W/B
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1/4/91	JA

op. #	BARBER - M24 0022747 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.0	4.0	3.75			1/12/91	KT
	G) Safety Off Force	2.5	2.5	2.5				
	H) Trigger Pull Test & Retainability						1/4/91	JH
	I) Firing Pin Indent	.020	.020	.021			1/2/91	KT
	J) Assemble Stock						1/15/91	KA
	K) Assemble Swivel Studs						1-17-91	JH
	L) Attach Front and Rear Sight Assemblies						1/15/91	KA
	M) Iron Sight Alignment						1/15/91	KA
	N) Detach Front & Rear Sights & place in numbered container						1/15/91	KA
	O) Attach Scope to Rifle						1/15/91	KA
	P) Detach & Attach Scope 20 Times						1/15/91	KA
640	Gallery Target & Test						1/16/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						1/16/91	KT
655	Final Inspection							
	A) Headspace						1-17-91	JH
	B) Trigger Pull	2.30	2.23	2.28	2.31	2.25	1-17-91	JH
	C) Function						1-17-91	JH
660	Pack						3-19-91	NF

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

SERIAL NO. C6587561DATE 1/4/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.38	2.44	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.33	2.40	2.23	
PULL #3	2.37	2.48	2.48	2.28	
PULL #4	2.42	2.44	2.40	2.31	
PULL #5	2.41	2.29	2.38	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.19		
PULL #2	3.32	3.34		
PULL #3	3.27	3.35		
PULL #4	3.31	3.28		
PULL #5	3.34	3.22		
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	4.39		4.39
PULL #2	4.37	4.40		4.40
PULL #3	4.39	4.46		4.22
PULL #4	4.43	4.31		4.36
PULL #5	4.37	4.37		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587561
17 Jan 1991

CENTROIDAL DISTANCES

0 TO 1	.203494
1 TO 2	.216945
1 TO 3	.196987
1 TO 4	.262774
1 TO 5	.289664

5 <----POA

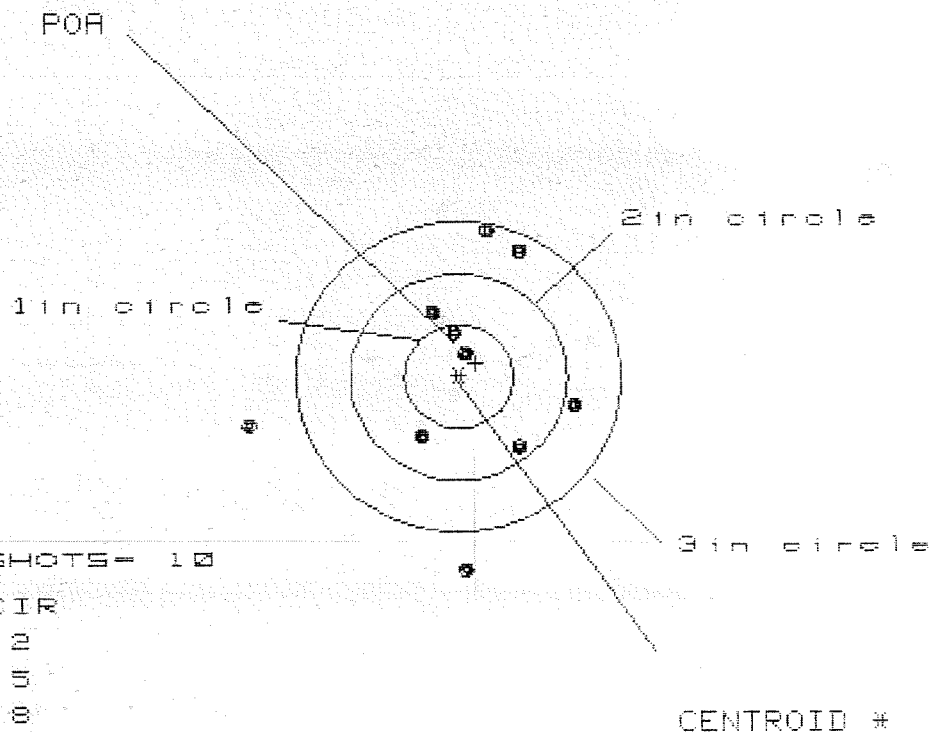
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.038
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0024
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0380757

THE AMR FOR THIS RIFLE IS: .9876

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587561

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.083

VS= 3.206

GS= 3.209

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.093	.872	.853
MINIMUM X	-1.990	-.595	-.614
MAXIMUM Y	1.382	1.334	1.100
MINIMUM Y	-1.824	-1.872	-.966
CENTROID X	-.159	.062	.081
CENTROID Y	-.127	-.079	.155
POA TO CENTROID in.	.204	.100	.175
MIN RADIUS	.189	.219	.215
MEAN RADIUS	1.059	.935	.782
MAX RADIUS	2.036	1.878	1.100
HORIZONTAL SPREAD	3.083	1.467	1.467
VERTICAL SPREAD	3.206	3.206	2.066
EXTREME SPREAD	3.209	3.209	2.090
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587561

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.743

VS= 2.146

GS= 2.306

CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.032
MINIMUM X	-.711
MAXIMUM Y	1.387
MINIMUM Y	-.759
CENTROID X	.037
CENTROID Y	-.034
POA TO CENTROID in.	.050
MIN RADIUS	.213
MEAN RADIUS	.699
MAX RADIUS	1.422
HORIZONTAL SPREAD	1.743
VERTICAL SPREAD	2.146
EXTREME SPREAD	2.306
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587561

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 1.853

VS= 2.500

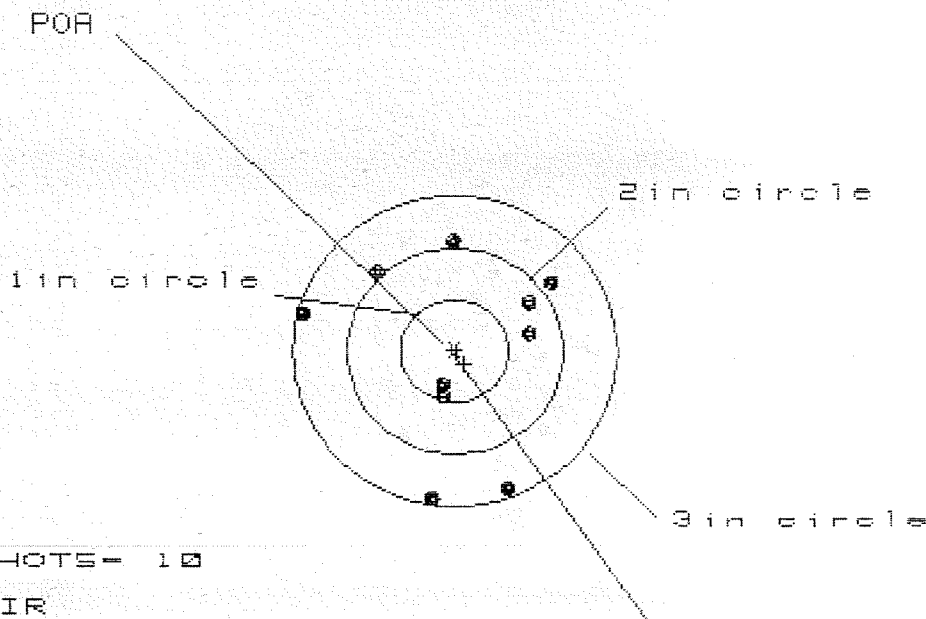
GS= 2.579

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.071	1.040	.938
MINIMUM X	-.782	-.813	-.842
MAXIMUM Y	1.638	1.526	.620
MINIMUM Y	-.862	-.680	-.489
CENTROID X	.031	.062	.164
CENTROID Y	-.075	-.257	-.448
POA TO CENTROID in.	.081	.264	.477
MIN RADIUS	.494	.419	.293
MEAN RADIUS	.936	.803	.630
MAX RADIUS	1.662	1.729	1.124
HORIZONTAL SPREAD	1.853	1.853	1.780
VERTICAL SPREAD	2.500	2.206	1.109
EXTREME SPREAD	2.579	2.481	1.812
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587561

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 2.337

VS= 2.493

GS= 2.574

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.913	.755	.705
MINIMUM X	-1.424	-.907	-.957
MAXIMUM Y	1.077	1.121	.949
MINIMUM Y	-1.415	-1.372	-1.456
CENTROID X	-.088	.070	.120
CENTROID Y	.126	.083	.255
POA TO CENTROID in.	.154	.109	.281
MIN RADIUS	.359	.417	.441
MEAN RADIUS	.988	.920	.841
MAX RADIUS	1.476	1.428	1.484
HORIZONTAL SPREAD	2.337	1.662	1.662
VERTICAL SPREAD	2.493	2.493	2.405
EXTREME SPREAD	2.574	2.504	2.455
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587561

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.788

VS= 2.488

GS= 2.495

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.024	.940	.931
MINIMUM X	-.765	-.849	-.858
MAXIMUM Y	1.254	1.130	.774
MINIMUM Y	-1.154	-1.278	-1.137
CENTROID X	-.011	.073	.082
CENTROID Y	.122	.246	.105
POA TO CENTROID in.	.122	.257	.133
MIN RADIUS	.226	.215	.298
MEAN RADIUS	.856	.773	.746
MAX RADIUS	1.350	1.341	1.204
HORIZONTAL SPREAD	1.789	1.789	1.789
VERTICAL SPREAD	2.488	2.408	1.911
EXTREME SPREAD	2.495	2.455	2.245
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		