

FORM

UPC



0 47700 25716 7

C6665984

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700 TM H24

SERIAL NO.

C6665984

ORDER NO.

5716

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

20



5716 C6665984

ORDER 5716

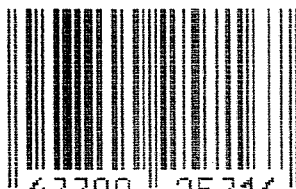
MODEL 700 TM H24

UPC

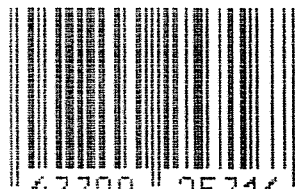
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MODEL 700 TM H24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6665984

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/25/91	KA
600	Proof		9/25/91	KA
607	Check Headspace		9/25/91	KA
610	Dis-assemble Gun		9/25/91	KA
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS.
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KL
	C) Inspect Ejector Hole for Chamfer		10/16/91	KL
	D) Oil Firing Pin Ass'y		10/16/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/17/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 ³ / ₄	7 ³ / ₄	7 ³ / ₄			10-17-91	DH
	G) Safety Off Force	3	3	3			10-17-91	DH
	H) Trigger Pull Test & Retainability						10-17-91	DEL
	I) Firing Pin Indent	.020	.023	.022			10-17-91	DH
	J) Assemble Stock						10-22-91	KH
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10-22-91	KH
	M) Iron Sight Alignment						10-22-91	KH
	N) Detach Front & Rear Sights & place in numbered container						10-22-91	KH
	O) Attach Scope to Rifle						10-22-91	KH
	P) Detach & Attach Scope 20 Times						10-22-91	KH
640	Gallery Target & Test						10-23-91	DH
	A) Time						10-23-91	DH
	B) Malfunctions						10-23-91	DH
	C) Pierced Primers						10-23-91	DH
	D) Optical Clarity of Scope						10-23-91	DH
645	Inspect for Live Ammo						10-23-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	268	279	278	274	279	10-28-91	DH
	C) Function						10-30-91	AC
660	Pack						12-17-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO C-6665984

DATE 10-17-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.23	2.48	268	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.11	2.47	2.45	279	
PULL #3	2.31	2.67	2.50	278	
PULL #4	2.31	2.33	2.43	274	
PULL #5	2.27	2.39	2.46	279	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.63	3.52		
PULL #2	3.54	3.18		
PULL #3	3.53	3.61		
PULL #4	3.52	3.52		
PULL #5	3.49	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.19		4.29
PULL #2	4.29	4.50		4.39
PULL #3	4.43	4.41		4.45
PULL #4	4.31	4.27		4.49
PULL #5	4.36	4.31		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665984
24 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.246617
1 TO 2	.548606
1 TO 3	.474494
1 TO 4	.474673
1 TO 5	.483125

4-1 PQR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0038
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .122459
THE GPR FOR THIS RIFLE IS: .9018

24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8865984

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 8

HS= 1.276

VS= 3.983

CS= 3.983

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.726	.716	.704
MINIMUM X	-.350	-.360	-.372
MAXIMUM Y	1.656	1.397	1.651
MINIMUM Y	-2.327	-1.835	-1.660
CENTROID X	.212	.222	.234
CENTROID Y	.126	.385	.210
POA TO CENTROID in.	.247	.444	.315
MIN RADIUS	.330	.116	.259
MEAN RADIUS	.853	.649	.556
MAX RADIUS	2.329	1.400	.965
HORIZONTAL SPREAD	1.276	1.276	1.276
VERTICAL SPREAD	3.983	2.232	1.311
EXTREME SPREAD	3.983	2.375	1.730
NUMBER IN ONE INCH CIRCLE	=	5	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	8	

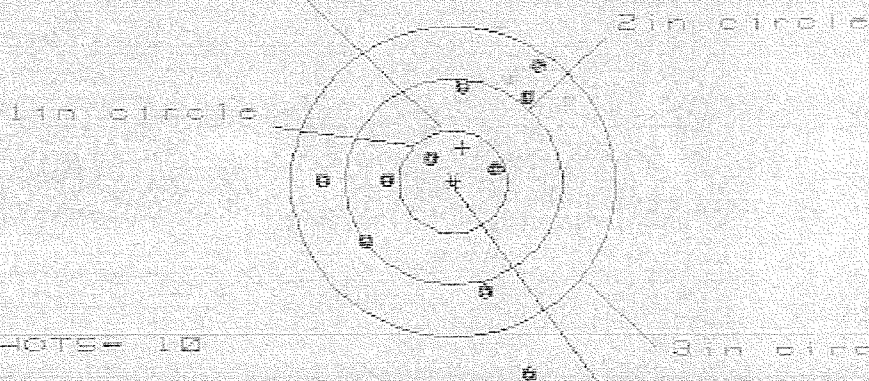
24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06865984

CENTERFIRE PATTERNS

2

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.974

VS= 2.938

GS= 2.938

CENTROID *

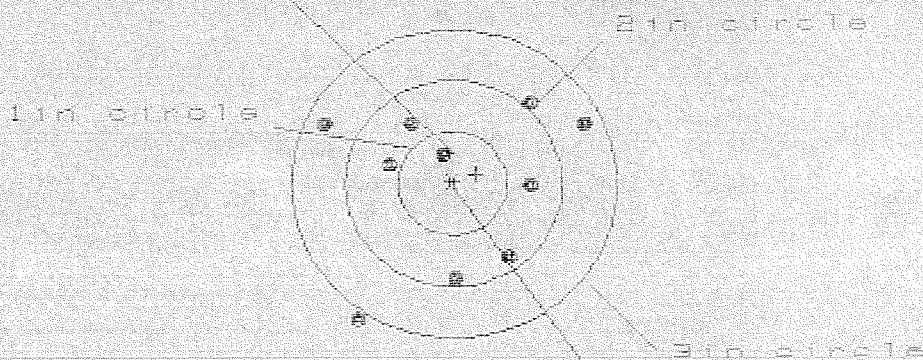
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.749	.829	.834
MINIMUM X	:	-1.225	-1.145	-1.041
MAXIMUM Y	:	1.089	.885	.849
MINIMUM Y	:	-1.841	-1.247	-1.137
CENTROID X	:	-.090	-.170	-.274
CENTROID Y	:	-.332	-.128	-.238
POB TO CENTROID in.	:	.344	.213	.363
MIN RADIUS	:	.361	.177	.181
MEAN RADIUS	:	1.004	.854	.802
MAX RADIUS	:	1.975	1.307	1.239
HORIZONTAL SPREAD	:	1.974	1.974	1.875
VERTICAL SPREAD	:	2.938	2.132	1.986
EXTREME SPREAD	:	2.938	2.253	2.043
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB65984

CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.395

VS = 2.143

GS = 2.860

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.238	1.128	.773
MINIMUM X	:	-1.165	-1.267	-1.126
MAXIMUM Y	:	.804	.656	.706
MINIMUM Y	:	-1.339	-1.022	-.972
CENTROID X	:	-.212	-.110	-.251
CENTROID Y	:	-.087	.061	.011
POA TO CENTROID in.	:	.229	.126	.251
MIN RADIUS	:	.297	.260	.191
MEAN RADIUS	:	.931	.839	.776
MAX RADIUS	:	1.622	1.330	1.215
HORIZONTAL SPREAD	:	2.395	2.395	1.905
VERTICAL SPREAD	:	2.143	1.678	1.678
EXTREME SPREAD	:	2.860	2.395	2.058
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

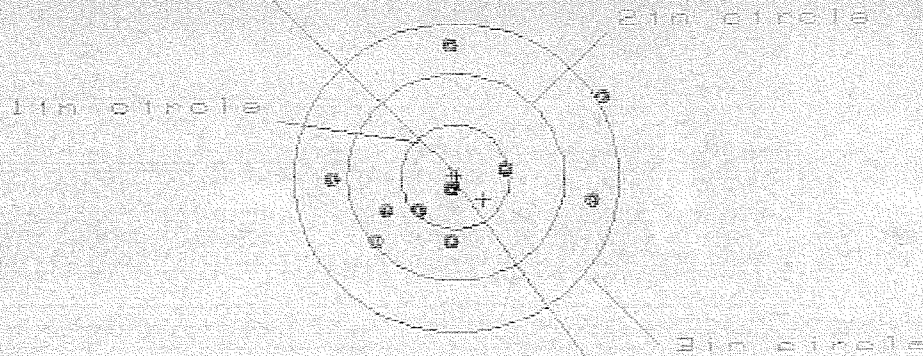
24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT<08685904

CENTERFIRE PATTERNS

4

POB



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.500

VS= 1.909

GS= 2.625

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	1.415	1.424
MINIMUM X	:	-1.133	-.981	-.972
MAXIMUM Y	:	1.288	1.374	.303
MINIMUM Y	:	-.621	-.535	-.364
CENTROID X	:	-.255	-.407	-.416
CENTROID Y	:	.211	.125	-.046
POB TO CENTROID in.	:	.330	.425	.419
MIN RADIUS	:	.105	.153	.206
MEAN RADIUS	:	.863	.749	.641
MAX RADIUS	:	1.567	1.422	1.424
HORIZONTAL SPREAD	:	2.500	2.396	2.396
VERTICAL SPREAD	:	1.909	1.909	.667
EXTREME SPREAD	:	2.625	2.404	2.404
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

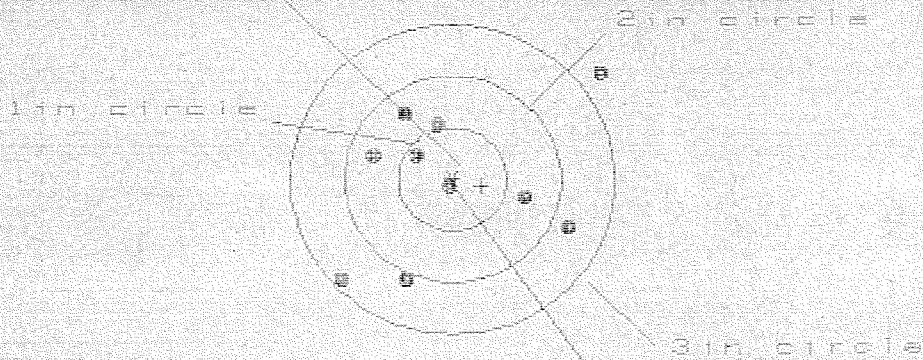
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FILE: PATTERNING/CENTERFIRE_PATT/C8665984

CENTERFIRE PATTERNS

3

POB



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.359

VS = 1.961

GS = 3.068

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.361	1.226	1.120
MINIMUM X	:	-.998	-.847	-.735
MAXIMUM Y	:	.996	.761	.655
MINIMUM Y	:	-.965	-.855	-.957
CENTROID X	:	-.267	-.418	-.312
CENTROID Y	:	.063	-.047	.059
POB TO CENTROID in.	:	.274	.420	.317
MIN RADIUS	:	.102	.099	.082
MEAN RADIUS	:	.858	.756	.681
MAX RADIUS	:	1.686	1.268	1.200
HORIZONTAL SPREAD	:	2.359	2.073	1.855
VERTICAL SPREAD	:	1.961	1.616	1.612
EXTREME SPREAD	:	3.068	2.139	1.974
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	