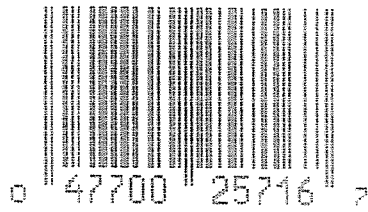


Smith®

FORM

UPC



06665732

*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 M24

SERIAL NO.
C6665732

ORDER NO.
5716

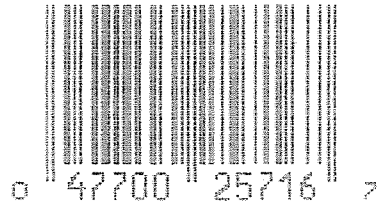
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



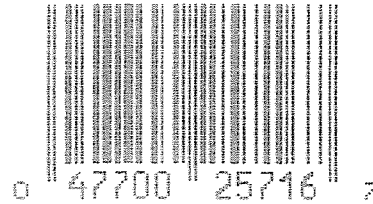
5716 C6665732

ORDER 5716
MODEL 700 TM M24
UPC

ORDER 5716
MODEL 700 TM M24
UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06665732

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 91		RW
600	Proof	10 1 91		RW
607	Check Headspace	10 1 91		RW
610	Dis-assemble Gun	10 1 91		RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	JS
617	Drill and Tap Sight Holes		OCT 10 1991	KB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KS
	C) Inspect Ejector Hole for Chamfer		12/3/91	KS
	D) Oil Firing Pin Ass'y		12/3/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12-7-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
BARBER - M24 0101864								
625 cont.	F) Safety On Force	6	6	6			12-7-91	JH
	G) Safety Off Force	4	4	4			12-7-91	JH
	H) Trigger Pull Test & Retainability						12-7-91	JH
	I) Firing Pin Indent	1020	1020	10205			12-7-91	JH
	J) Assemble Stock						12/7/91	JH
	K) Assemble Swivel Studs						12-13-91	JH
	L) Attach Front and Rear Sight Assemblies						12/7/91	JH
	M) Iron Sight Alignment						12/7/91	JH
	N) Detach Front & Rear Sights & place in numbered container						12/7/91	JH
	O) Attach Scope to Rifle						12/7/91	JH
	P) Detach & Attach Scope 20 Times						12/7/91	JH
640	Gallery Target & Test						12-9-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-9-91	NF
655	Final Inspection						12-13-91	JH
	A) Headspace						12-13-91	JH
	B) Trigger Pull	2.29	2.20	2.15	2.19	2.14	12-12-91	JH
	C) Function						12-13-91	JH
660	Pack						12-17-91	NF

1001
 1002
 1003
 1004
 1005
 1006
 1007
 1008
 1009
 1010
 1011
 1012
 1013
 1014
 1015
 1016
 1017
 1018
 1019
 1020

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C665732

DATE 12-7-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.61	2.50	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.53	2.55	2.20	
PULL #3	2.46	2.47	2.61	2.15	
PULL #4	2.44	2.60	2.49	2.19	
PULL #5	2.31	2.54	2.44	2.14	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.44		
PULL #2	3.41	3.36		
PULL #3	3.39	3.55		
PULL #4	3.32	3.44		
PULL #5	3.51	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.30		4.32
PULL #2	4.34	4.32		4.29
PULL #3	4.34	4.27		4.20
PULL #4	4.33	4.29		4.33
PULL #5	4.32	4.29		4.22
TOTAL				
AVG.				

CENTROIDAL-DISTANCE CALCULATIONS
FOR RIFLE # 08665732
9 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.0592558
1 TO 2	.101884
1 TO 3	.173546
1 TO 4	.0650942
1 TO 5	.071402

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0009
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0348116

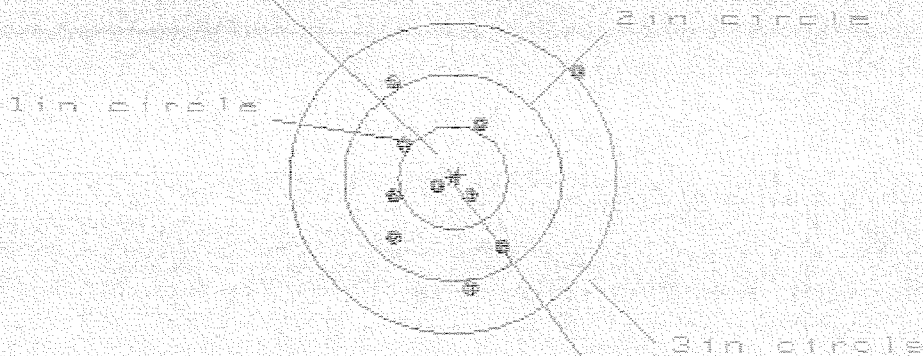
THE AMR FOR THIS RIFLE IS: .8006

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665732

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.714

VS= 2.029

GS= 2.292

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.120	.544	.492
MINIMUM X	-.594	-.469	-.521
MAXIMUM Y	1.008	1.012	.786
MINIMUM Y	-1.021	-.989	-.783
CENTROID X	-.050	-.175	-.123
CENTROID Y	-.031	-.143	-.269
FOR TO CENTROID in.	.059	.225	.296
MIN RADIUS	.178	.012	.138
MEAN RADIUS	.738	.619	.565
MAX RADIUS	1.507	1.094	.866
HORIZONTAL SPREAD	1.714	1.013	1.013
VERTICAL SPREAD	2.029	1.921	1.569
EXTREME SPREAD	2.292	2.057	1.572
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

9 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/00005732

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.328

VS= 2.281

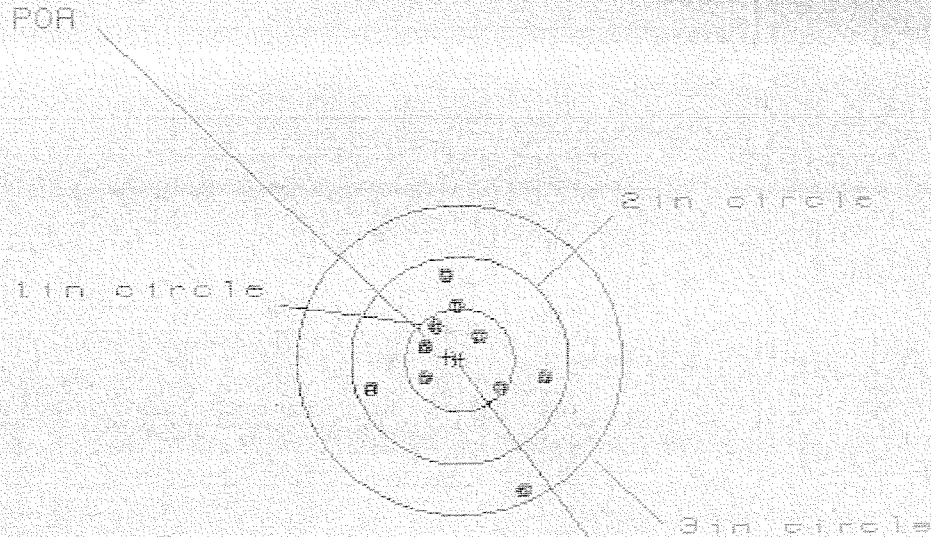
GS= 2.640

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.339	1.230	1.148
MINIMUM X	:	-.988	-1.098	-1.190
MAXIMUM Y	:	1.262	1.140	1.180
MINIMUM Y	:	-1.019	-.750	-.606
CENTROID X	:	-.070	.039	.121
CENTROID Y	:	-.131	-.017	-.161
POA TO CENTROID in.	:	.149	.042	.201
MIN RADIUS	:	.410	.395	.234
MEAN RADIUS	:	1.039	.990	.930
MAX RADIUS	:	1.415	1.325	1.255
HORIZONTAL SPREAD	:	2.328	2.320	2.328
VERTICAL SPREAD	:	2.281	1.898	1.786
EXTREME SPREAD	:	2.640	2.482	2.430
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Dec 1931

FILE: PATTERNING/CENTERFIRE_PATT/C6665732

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 9

3 in = 10

HS= 1.629

VS= 2.026

GS= 2.129

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.799	.860	.764
MINIMUM X	-.830	-.769	-.393
MAXIMUM Y	.793	.656	.600
MINIMUM Y	-1.233	-.448	-.439
CENTROID X	.123	.062	.158
CENTROID Y	-.035	.102	.158
POA TO CENTROID in.	.128	.119	.223
MIN RADIUS	.312	.250	.139
MEAN RADIUS	.632	.514	.459
MAX RADIUS	1.352	.907	.838
HORIZONTAL SPREAD	1.629	1.629	1.157
VERTICAL SPREAD	2.026	1.104	1.039
EXTREME SPREAD	2.129	1.637	1.364
NUMBER IN ONE INCH CIRCLE	= 6		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665732

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.745

VS= 2.534

GS= 3.061

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.108	.926	.970
MINIMUM X	:	-1.637	-1.186	-1.142
MAXIMUM Y	:	1.194	1.247	1.086
MINIMUM Y	:	-1.340	-1.287	-1.045
CENTROID X	:	-.023	.159	.115
CENTROID Y	:	.028	-.025	.136
POA TO CENTROID in.	:	.036	.161	.178
MIN RADIUS	:	.595	.549	.601
MEAN RADIUS	:	1.110	1.032	.982
MAX RADIUS	:	1.704	1.518	1.406
HORIZONTAL SPREAD	:	2.745	2.112	2.112
VERTICAL SPREAD	:	2.534	2.534	2.131
EXTREME SPREAD	:	3.061	2.812	2.766
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/06685732

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 6

2in = 10

3in = 10

HS= 1.258

VS= 1.203

GS= 1.741

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.490	.405	.442
MINIMUM X	-.768	-.766	-.716
MAXIMUM Y	.459	.486	.399
MINIMUM Y	-.744	-.693	-.369
CENTROID X	.016	.101	.051
CENTROID Y	-.005	-.056	.031
POA TO CENTROID in.	.017	.116	.059
MIN RADIUS	.155	.137	.122
MEAN RADIUS	.484	.428	.373
MAX RADIUS	.894	.803	.716
HORIZONTAL SPREAD	1.258	1.171	1.157
VERTICAL SPREAD	1.203	1.179	.769
EXTREME SPREAD	1.741	1.409	1.216
NUMBER IN ONE INCH CIRCLE =	6		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		