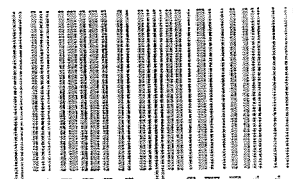


Smith
®

FORM

UPC



0 47700 25716 7

6665759

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.

C6665759

ORDER NO.

5716

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



5716 C6665759

ORDER 5716

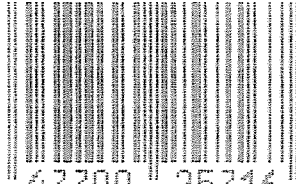
MODEL 700 TM M24

UPC

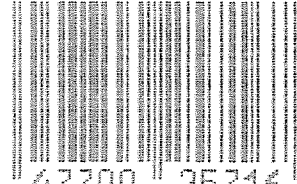
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665759

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	FS
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/91	JS

op. #	BARBER - M24 0102160	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/16/91	RU
	G) Safety Off Force	3	3	3			10/16/91	RU
	H) Trigger Pull Test & Retainability						10/15/91	RU
	I) Firing Pin Indent	.0205	.0215	.0215			10/16/91	RU
	J) Assemble Stock						10/16/91	RW
	K) Assemble Swivel Studs						10-18-91	AC
	L) Attach Front and Rear Sight Assemblies						10/16/91	RW
	M) Iron Sight Alignment						10/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/91	RW
	O) Attach Scope to Rifle						10/16/91	RW
	P) Detach & Attach Scope 20 Times						10/16/91	RW
640	Gallery Target & Test						10-17-91	AC
	A) Time						10-17-91	AC
	B) Malfunctions						10-17-91	AC
	C) Pierced Primers						10-17-91	AC
	D) Optical Clarity of Scope						10-17-91	AC
645	Inspect for Live Ammo						10-17-91	AC
655	Final Inspection							
	A) Headspace						10-18-91	AC
	B) Trigger Pull	242	237	240	241	241	10-17-91	DH
	C) Function						10-18-91	AC
660	Pack						12-17-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665759

DATE 10-15-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.28	2.50	242	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.29	2.53	237	
PULL #3	2.28	2.41	2.49	240	
PULL #4	2.28	2.52	2.40	241	
PULL #5	2.25	2.48	2.45	241	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.30		
PULL #2	3.28	3.39		
PULL #3	3.24	3.37		
PULL #4	3.28	3.40		
PULL #5	3.31	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.28		4.41
PULL #2	4.32	4.35		4.32
PULL #3	4.31	4.34		4.36
PULL #4	4.35	4.35		4.41
PULL #5	4.26	4.41		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665759
17 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.200529
1 TO	2	.176774
1 TO	3	.458651
1 TO	4	.138232
1 TO	5	.0554707

34 (---)POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0592
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0602636
THE AMP FOR THIS RIFLE IS: .376

17 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665759

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 8

3 in - 9

HS= 3.573

VS= 1.373

GS= 3.768

CENTROID *

PATTERN #	1
SHOTS (BEST OF)	10
MAXIMUM X	2.320
MINIMUM X	-1.253
MAXIMUM Y	.594
MINIMUM Y	-.779
CENTROID X	.156
CENTROID Y	.126
POA TO CENTROID in.	.201
MIN RADIUS	.017
MEAN RADIUS	.886
MAX RADIUS	2.395
HORIZONTAL SPREAD	3.573
VERTICAL SPREAD	1.373
EXTREME SPREAD	3.768
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	9

17 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685759

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.472

VS= 2.007

GS= 2.047

CENTROID #

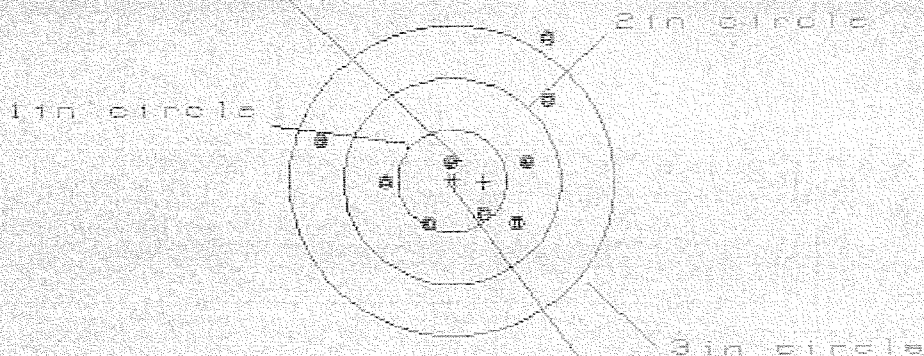
PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.944
MINIMUM X	-.528
MAXIMUM Y	1.267
MINIMUM Y	-.740
CENTROID X	-.012
CENTROID Y	.071
POA TO CENTROID in.	.072
MIN RADIUS	.282
MEAN RADIUS	.602
MAX RADIUS	1.270
HORIZONTAL SPREAD	1.472
VERTICAL SPREAD	2.007
EXTREME SPREAD	2.047
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	10

17 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/CGB65759

CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

CENTROID *

HS= 2.311

VS= 3.163

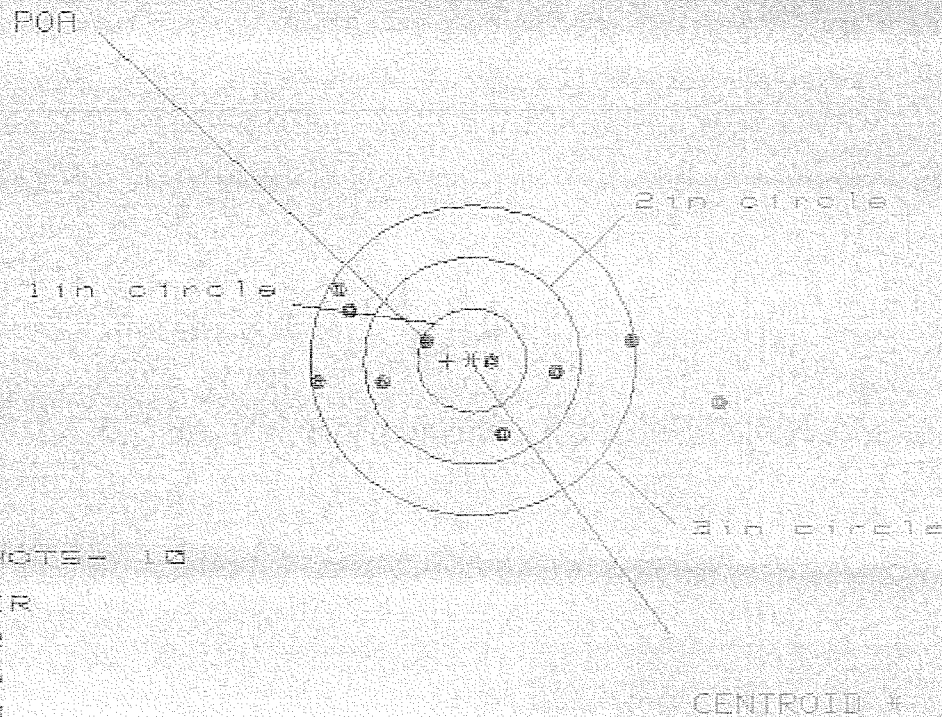
GS= 3.917

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.936
MINIMUM X	-1.375
MAXIMUM Y	1.359
MINIMUM Y	-1.804
CENTROID X	-.288
CENTROID Y	.011
POB TO CENTROID in.	.289
MIN RADIUS	.204
MEAN RADIUS	.951
MAX RADIUS	2.268
HORIZONTAL SPREAD	2.311
VERTICAL SPREAD	3.163
EXTREME SPREAD	3.917
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

17 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06865759

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.740

VS= 1.423

GS= 3.748

PATTERN #

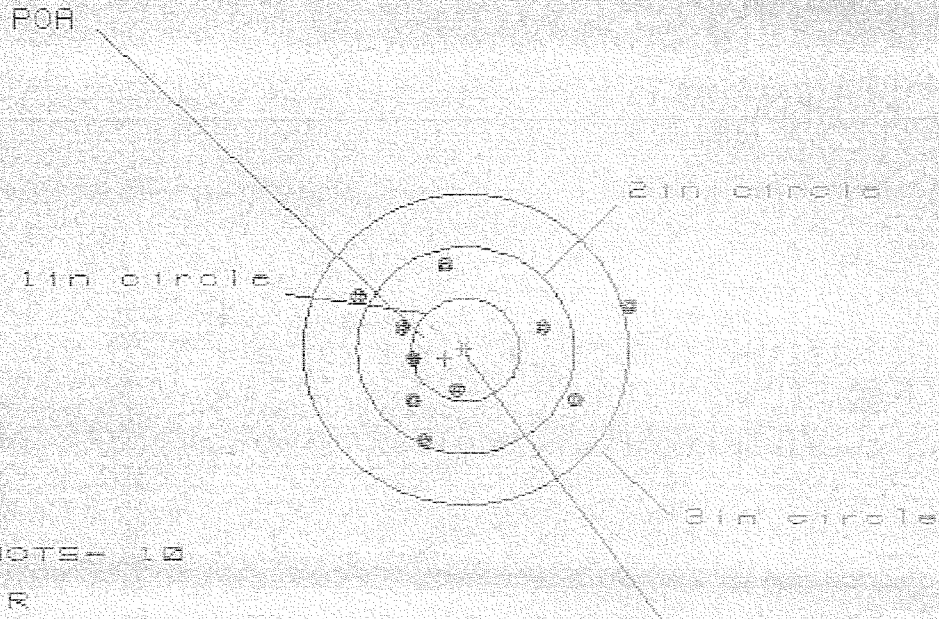
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.279	1.752	1.248
MINIMUM X	-1.461	-1.207	-1.988
MAXIMUM Y	.741	.696	.712
MINIMUM Y	-.682	-.727	-.712
CENTROID X	.228	-.026	-.245
CENTROID Y	.000	.053	.037
POA TO CENTROID in.	.228	.059	.247
MIN RADIUS	.190	.252	.173
MEAN RADIUS	1.097	.932	.797
MAX RADIUS	2.316	1.756	1.261
HORIZONTAL SPREAD	3.740	2.959	2.236
VERTICAL SPREAD	1.423	1.423	1.423
EXTREME SPREAD	3.740	2.978	2.236
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

17 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665759

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.448

VS= 1.705

GS= 2.453

CENTROID +

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.469
MINIMUM X	-.979
MAXIMUM Y	.842
MINIMUM Y	-.863
CENTROID X	.187
CENTROID Y	.080
POA TO CENTROID in.	.203
MIN RADIUS	.411
MEAN RADIUS	.844
MAX RADIUS	1.510
HORIZONTAL SPREAD	2.448
VERTICAL SPREAD	1.705
EXTREME SPREAD	2.453
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 7
NUMBER IN THREE INCH CIRCLE	= 9