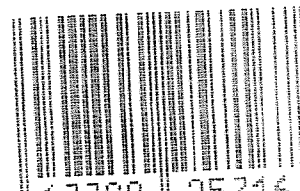


FBI

UPC



0 47700 25716 7

6665774

INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

MODEL 700 TH M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665774

ORDER NO.

5716

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

20



5716 C6665774

ORDER 5716

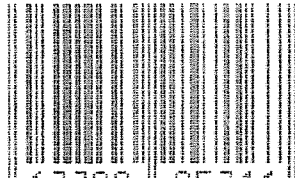
MODEL 700 TM M24

UPC

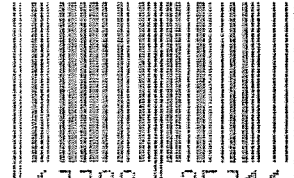
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665774

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	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	GL
617	Drill and Tap Sight Holes	OCT	4 1991	KB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	DA
	Apply Coating (Bolt)		10-22-91	DA
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	GL

op. #	BARBER - M24 0102367 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/23/91	RL
	G) Safety Off Force	3	3	3			10/23/91	RL
	H) Trigger Pull Test & Retainability						10/23/91	RL
	I) Firing Pin Indent	.0205	.020	.0205			10/23/91	RL
	J) Assemble Stock						10/23/91	RL
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/23/91	RL
	M) Iron Sight Alignment						10/23/91	RL
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	RL
	O) Attach Scope to Rifle						10/23/91	RL
	P) Detach & Attach Scope 20 Times						10/23/91	RL
640	Gallery Target & Test						10/23/91	RL
	A) Time							RL
	B) Malfunctions							RL
	C) Pierced Primers							RL
	D) Optical Clarity of Scope							RL
645	Inspect for Live Ammo						10/23/91	RL
655	Final Inspection							
	A) Headspace						10-30-91	RL
	B) Trigger Pull	2.59	2.55	2.57	2.36	2.47	10-25-91	RL
	C) Function						10-30-91	RL
660	Pack						12-18-91	RL

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665774DATE 10/23/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.54	2.40	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.61	2.45	2.55	
PULL #3	2.49	2.67	2.48	2.57	
PULL #4	2.54	2.68	2.55	2.36	
PULL #5	2.55	2.55	2.44	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.44		
PULL #2	3.57	3.46		
PULL #3	3.50	3.28		
PULL #4	3.44	3.15		
PULL #5	3.45	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.57	4.25		4.35
PULL #2	4.41	4.35		4.31
PULL #3	4.41	4.36		4.33
PULL #4	4.41	4.38		4.33
PULL #5	4.44	4.31		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665774
23 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.529558
1 TO 2	.546562
1 TO 3	.408816
1 TO 4	.710988
1 TO 5	.534083

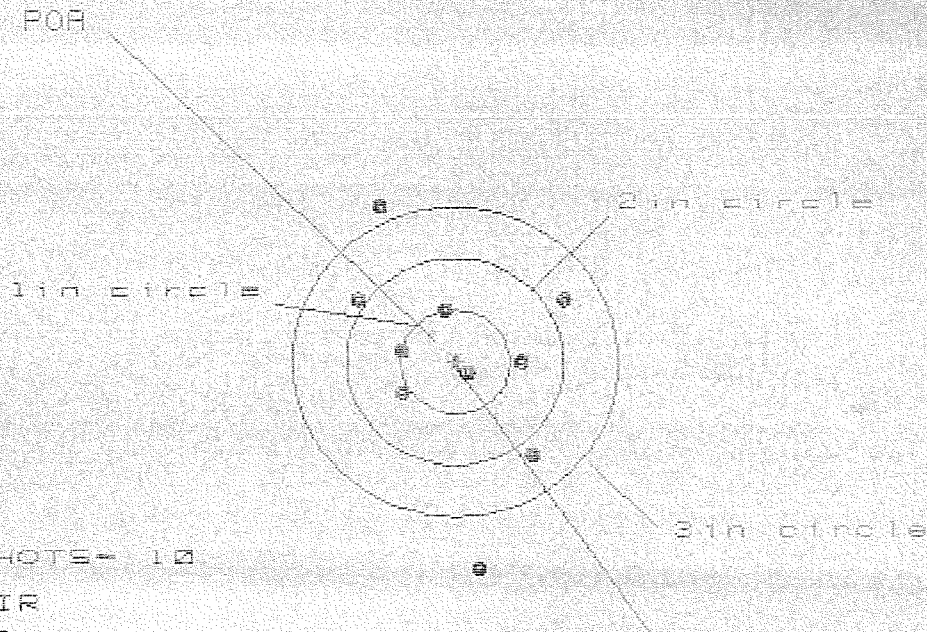
$\bar{x}_1$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1528
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0498
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160711
THE AMR FOR THIS RIFLE IS: .9252

23 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06065774

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.835

VS= 3.488

GS= 3.623

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.961

.988

.899

MINIMUM X

-.874

-.847

-.936

MAXIMUM Y

1.489

1.267

.532

MINIMUM Y

-1.999

-1.105

-.947

CENTROID X

-.007

-.034

.055

CENTROID Y

-.005

.217

.059

POA TO CENTROID IN.

.009

.220

.080

MIN RADIUS

.157

.251

.159

MEAN RADIUS

.929

.798

.699

MAX RADIUS

2.013

1.453

1.153

HORIZONTAL SPREAD

1.835

1.835

1.835

VERTICAL SPREAD

3.488

2.372

1.479

EXTREME SPREAD

3.623

2.784

2.168

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

23 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8665724

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.552

VS= 1.772

GS= 2.572

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.045	.877	.631
MINIMUM X	-1.507	-.414	-.384
MAXIMUM Y	.946	.853	.944
MINIMUM Y	-.826	-.721	-.600
CENTROID X	.139	.307	.197
CENTROID Y	.412	.307	.216
POA TO CENTROID in.	.435	.434	.290
MIN RADIUS	.227	.165	.171
MEAN RADIUS	.759	.619	.521
MAX RADIUS	1.779	1.139	.981
HORIZONTAL SPREAD	2.552	1.291	.935
VERTICAL SPREAD	1.772	1.574	1.574
EXTREME SPREAD	2.572	1.728	1.605
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8565774

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.221

VS = 1.925

GS = 2.378

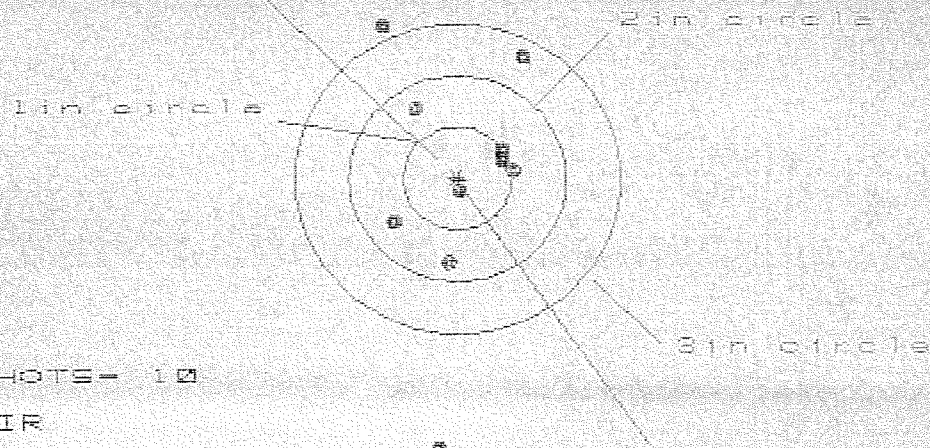
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.304
MINIMUM X	-.917
MAXIMUM Y	.946
MINIMUM Y	-.979
CENTROID X	.157
CENTROID Y	.035
POA TO CENTROID in.	.161
MIN RADIUS	.185
MEAN RADIUS	.869
MAX RADIUS	1.399
HORIZONTAL SPREAD	2.221
VERTICAL SPREAD	1.925
EXTREME SPREAD	2.378
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065774

CENTERFIRE PATTERNS # 2

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.281

VS= 4.085

GS= 4.115

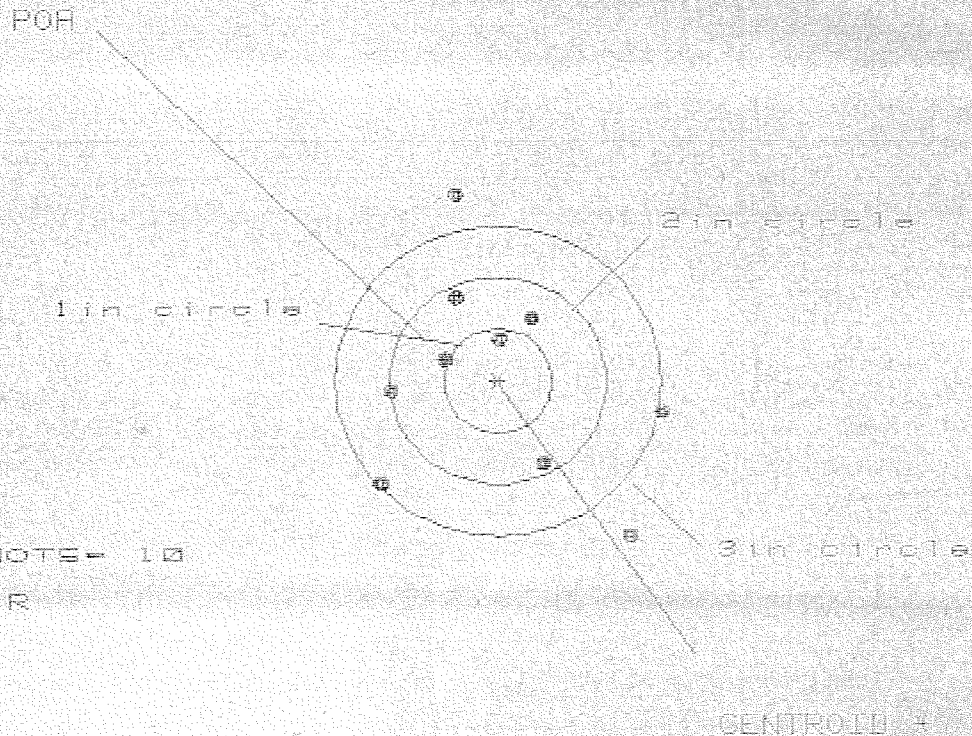
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.590	.568	.479
MINIMUM X	:	-.691	-.713	-.689
MAXIMUM Y	:	1.459	1.167	1.080
MINIMUM Y	:	-2.626	-1.081	-.935
CENTROID X	:	-.012	.010	.099
CENTROID Y	:	.015	.387	.161
POB TO CENTROID in.	:	.019	.387	.189
MIN RADIUS	:	.102	.389	.262
MEAN RADIUS	:	.955	.760	.644
MAX RADIUS	:	2.633	1.368	1.182
HORIZONTAL SPREAD	:	1.281	1.281	1.168
VERTICAL SPREAD	:	4.085	2.248	2.015
EXTREME SPREAD	:	4.115	2.328	2.125
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685774

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS = 2.577

VS = 3.275

GS = 3.671

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.494	1.631	1.597
MINIMUM X	-1.083	-0.946	-0.981
MAXIMUM Y	1.797	1.633	1.855
MINIMUM Y	-1.478	-1.205	-1.001
CENTROID X	.487	.350	.385
CENTROID Y	-.208	-.044	-.248
POA TO CENTROID in.	.530	.352	.458
MIN RADIUS	.368	.264	.428
MEAN RADIUS	1.114	.978	.918
MAX RADIUS	1.929	1.707	1.624
HORIZONTAL SPREAD	2.577	2.577	2.577
VERTICAL SPREAD	3.275	2.838	1.856
EXTREME SPREAD	3.671	2.915	2.671
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		