

FORM

UPC



06665705

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665705

ORDER NO.

5716

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

20



5716 C6665705

ORDER 5716

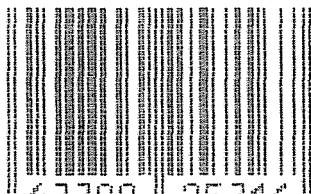
MODEL 700 TM M24

UPC

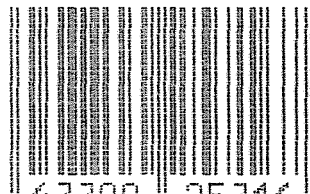
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665705

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	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	FB.
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	XJ
	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	JL

Op. #	BARBER - M24 0101547	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/15/91	SL
	G) Safety Off Force	3	3	3			10/15/91	SL
	H) Trigger Pull Test & Retainability						10/15/91	SL
	I) Firing Pin Indent	1023	1023	1023			10/15/91	SL
	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						10-16-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-16-91	NF
655	Final Inspection							
	A) Headspace						10-18-91	AC
	B) Trigger Pull	219	219	218	214	211	10-17-91	D/H
	C) Function						10-18-91	AC
660	Pack						12-17-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO 6665705

DATE 10-15-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.20	2.33	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.17	2.29	2.30	2.19	
PULL #3	2.22	2.32	2.29	2.18	
PULL #4	2.22	2.28	2.35	2.14	
PULL #5	2.19	2.29	2.28	2.11	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.38		
PULL #2	3.33	3.36		
PULL #3	3.42	3.35		
PULL #4	3.43	3.35		
PULL #5	3.42	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.49		4.46
PULL #2	4.33	4.52		4.49
PULL #3	4.35	4.46		4.43
PULL #4	4.36	4.48		4.56
PULL #5	4.43	4.50		4.60
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665705
16 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.0622013
1 TO 2	.280173
1 TO 3	.129988
1 TO 4	.0291548
1 TO 5	.180679

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0472
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .048498
THE AMR FOR THIS RIFLE IS: 1.041

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665785

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.868

VS= 2.335

GS= 2.587

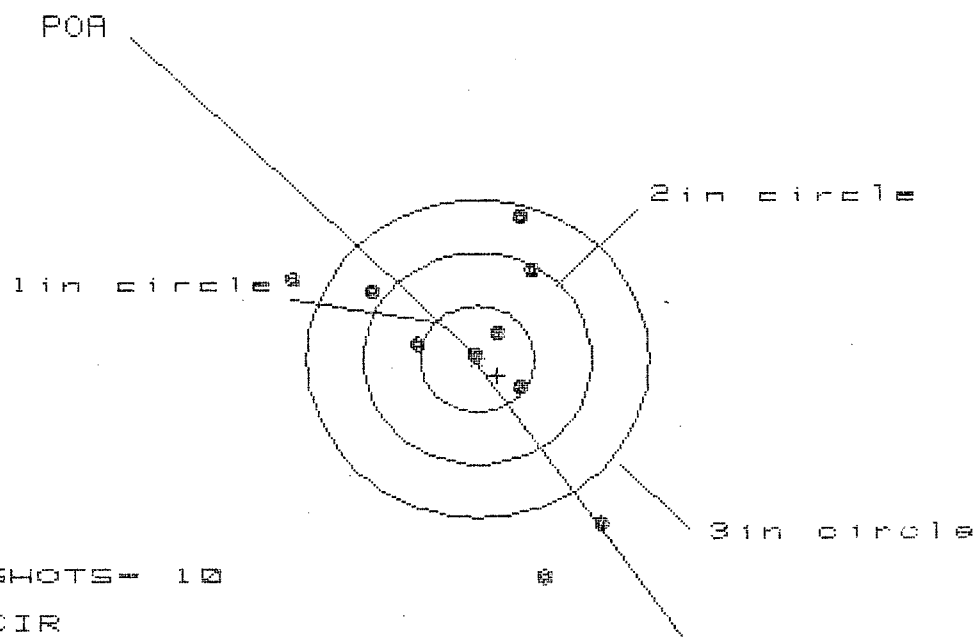
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	.673	.716
MINIMUM X	-.785	-.664	-.621
MAXIMUM Y	1.162	1.013	.882
MINIMUM Y	-1.173	-1.043	-1.042
CENTROID X	.062	-.059	-.102
CENTROID Y	.005	-.125	.006
POA TO CENTROID in.	.062	.138	.102
MIN RADIUS	.239	.088	.128
MEAN RADIUS	.887	.772	.736
MAX RADIUS	1.589	1.169	1.048
HORIZONTAL SPREAD	1.868	1.337	1.337
VERTICAL SPREAD	2.335	2.056	1.924
EXTREME SPREAD	2.587	2.255	1.972
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665785

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.714

VS= 3.363

GS= 3.561

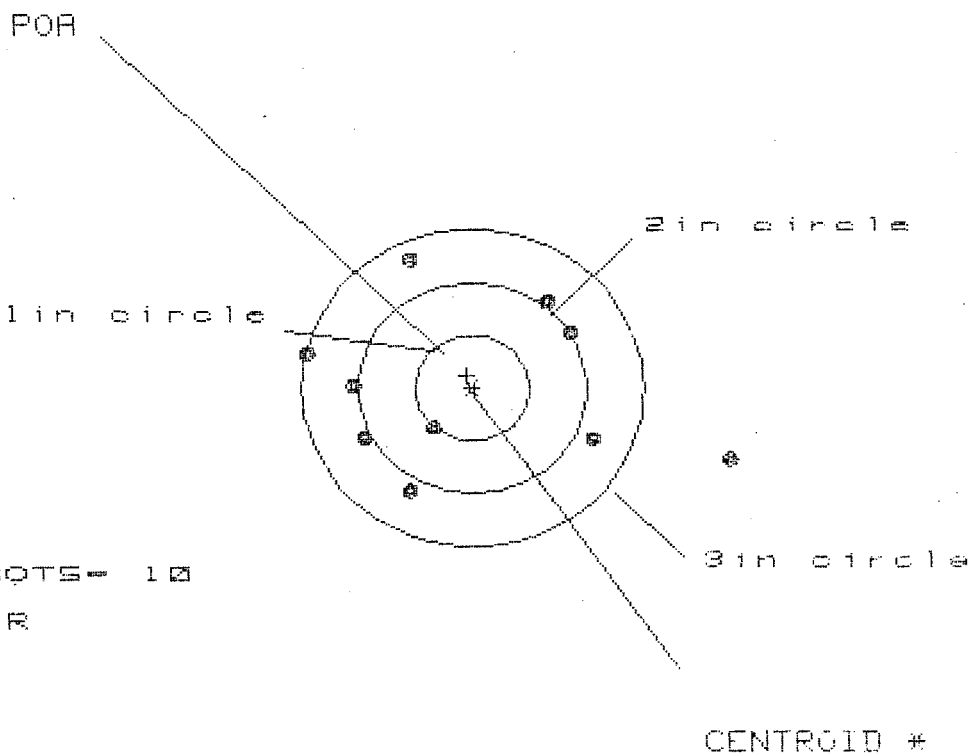
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	1.172	.630
MINIMUM X	:	-1.602	-1.542	-1.395
MAXIMUM Y	:	1.316	1.089	.861
MINIMUM Y	:	-2.047	-1.822	-.757
CENTROID X	:	-.174	-.234	-.381
CENTROID Y	:	.156	.383	.611
POA TO CENTROID in.	:	.233	.449	.720
MIN RADIUS	:	.050	.186	.450
MEAN RADIUS	:	1.069	.930	.791
MAX RADIUS	:	2.118	2.167	1.418
HORIZONTAL SPREAD	:	2.714	2.714	2.075
VERTICAL SPREAD	:	3.363	2.911	1.618
EXTREME SPREAD	:	3.561	3.561	2.218
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665705

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 1

3in = 8

HS = 3.633

VS = 2.220

GS = 3.752

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.216	1.313	1.167
MINIMUM X	:	-1.417	-1.171	-.913
MAXIMUM Y	:	1.263	1.191	1.218
MINIMUM Y	:	-.957	-1.029	-1.002
CENTROID X	:	.046	-.200	-.054
CENTROID Y	:	-.124	-.052	-.079
POA TO CENTROID in.	:	.132	.207	.095
MIN RADIUS	:	.499	.440	.472
MEAN RADIUS	:	1.199	1.038	1.021
MAX RADIUS	:	2.309	1.414	1.305
HORIZONTAL SPREAD	:	3.633	2.484	2.000
VERTICAL SPREAD	:	2.220	2.220	2.220
EXTREME SPREAD	:	3.752	2.592	2.371
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665785

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 4.025

VS= 2.478

GS= 4.590

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.658	1.227	1.093
MINIMUM X	:	-1.367	-1.071	-.901
MAXIMUM Y	:	.803	.617	.660
MINIMUM Y	:	-1.675	-1.123	-1.080
CENTROID X	:	.089	-.207	-.073
CENTROID Y	:	.016	.202	.159
POA TO CENTROID in.	:	.090	.289	.175
MIN RADIUS	:	.451	.195	.336
MEAN RADIUS	:	1.130	.812	.786
MAX RADIUS	:	3.142	1.243	1.104
HORIZONTAL SPREAD	:	4.025	2.298	1.994
VERTICAL SPREAD	:	2.478	1.740	1.740
EXTREME SPREAD	:	4.590	2.362	2.080
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665705

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.285

VS= 2.824

GS= 2.859

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.904	.731
MINIMUM X	:	-1.307	-1.381	-.648
MAXIMUM Y	:	1.258	1.084	1.021
MINIMUM Y	:	-1.566	-.529	-.592
CENTROID X	:	.031	.105	.278
CENTROID Y	:	.183	.357	.420
POA TO CENTROID in.	:	.186	.372	.503
MIN RADIUS	:	.348	.302	.179
MEAN RADIUS	:	.918	.810	.694
MAX RADIUS	:	1.702	1.469	1.122
HORIZONTAL SPREAD	:	2.285	2.285	1.379
VERTICAL SPREAD	:	2.824	1.613	1.613
EXTREME SPREAD	:	2.859	2.328	2.008
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	