

FROM

UPC



0 47700 25716 2

C6665719

*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 700TM M24

SERIAL NO.
C6665719

20

ORDER NO.
5716

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



5716 C6665719

ORDER 5716
MODEL 700TM M24
UPC



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ORDER 5716
MODEL 700TM M24
UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665719

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 91	91	RW
600	Proof	10 1 91	91	RW
607	Check Headspace	10 1 91	91	RW
610	Dis-assemble Gun	10 1 91	91	RW
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	SS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/7/91	DA
	Apply Coating (Bolt)		11/7/91	DA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-21-91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4	4	4	11/21/91	SL
	G) Safety Off Force	3	3	3	3	3	11/21/91	SL
	H) Trigger Pull Test & Retainability						11-21-91	SL
	I) Firing Pin Indent	.021	.021	.020			11-21-91	SL
	J) Assemble Stock						11/25/91	Rw
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/25/91	Rw
	M) Iron Sight Alignment						11/25/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						11/25/91	Rw
	O) Attach Scope to Rifle						11/25/91	Rw
	P) Detach & Attach Scope 20 Times						11/25/91	Rw
640	Gallery Target & Test						11-25-91	D/H
	A) Time						11-25-91	D/H
	B) Malfunctions						11-25-91	D/H
	C) Pierced Primers						11-25-91	D/H
	D) Optical Clarity of Scope						11-25-91	D/H
645	Inspect for Live Ammo						11-25-91	D/H
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.91	2.93	2.90	2.95	2.95	11-26-91	D/H
	C) Function	2.49	2.36	2.34	2.35	2.33	11-27-91	D/H
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-6665719DATE 11-21-91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.55	2.62	291 ^{2.99}	MIN. SETTING,
PULL #2	2.60	2.58	2.51	293 ^{2.36}	NO AVG. OF 5
PULL #3	2.58	2.61	2.66	290 ^{2.34}	READINGS ACCEPT-
PULL #4	2.59	2.63	2.60	295 ^{2.35}	ABLE LESS THAN 2#
PULL #5	2.57	2.63	2.60	295 ^{2.33}	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.40	3.55			
PULL #2	3.51	3.35			
PULL #3	3.48	3.48			
PULL #4	3.36	3.48			
PULL #5	3.44	3.51			
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	4.60		4.50
PULL #2	4.31	4.33		4.57
PULL #3	4.41	4.20		4.51
PULL #4	4.50	4.66		4.53
PULL #5	4.37	4.47		4.53
TOTAL				
AVG.				

DISTANCE CALCULATIONS

FILE # 06665719

11-91

POI RADIAL DISTANCES

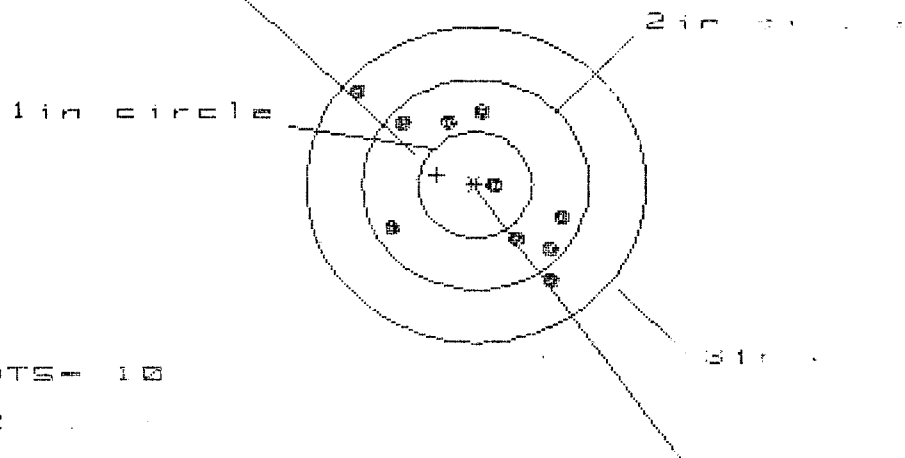
1 TO	1	.351791
1 TO	2	.178101
1 TO	3	.0637024
1 TO	4	.241963
1 TO	5	.267972

4 <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .211
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.017
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .211624
THE AMP FOR THIS RIFLE IS: .8678

FILE: PATTERNING/CENTERFIRE_PATT/06865719

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HSI = 1.757

VS = 1.761

GS = 2.449

CENTROID =

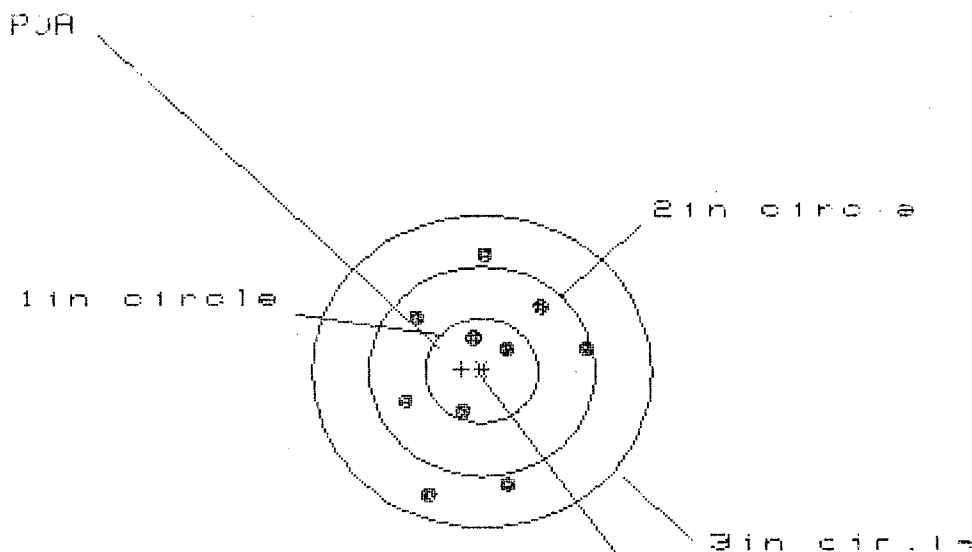
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.765	.654	.729
MINIMUM X	-.992	-.864	-.789
MAXIMUM Y	.855	.820	.719
MINIMUM Y	-.906	-.811	-.615
CENTROID X	.339	.450	.375
CENTROID Y	-.094	-.189	-.088
POA TO CENTROID in.	.352	.488	.385
MIN RADIUS	.165	.069	.134
MEAN RADIUS	.801	.721	.689
MAX RADIUS	1.310	1.008	.868
HORIZONTAL SPREAD	1.757	1.518	1.518
VERTICAL SPREAD	1.761	1.631	1.334
ELIPSE SPREAD	2.449	1.977	1.697
MPER IN ONE INCH CIRCLE =	1		
MPER IN TWO INCH CIRCLE =	8		
MPER IN THREE INCH CIRCLE =	10		

20 MAR 1961

FILE:/PATTERNING/CENTERFIRE_PATT/C8665719

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.542

VS= 2.313

GS= 2.365

CENTROID

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.894	.844	.865
MINIMUM X	:	-.648	-.698	-.677
MAXIMUM Y	:	1.105	.971	.814
MINIMUM Y	:	-1.208	-1.252	-.638
CENTROID X	:	.177	.227	.206
CENTROID Y	:	-.020	.114	.271
POA TO CENTROID in.	:	.178	.255	.340
MIN RADIUS	:	.289	.177	.118
MEAN RADIUS	:	.779	.698	.608
MAX RADIUS	:	1.290	1.264	.886
HORIZONTAL SPREAD	:	1.542	1.542	1.542
VERTICAL SPREAD	:	2.313	2.223	1.452
EXTREME SPREAD	:	2.365	2.231	1.616
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

25 MAR 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685719

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS= 1.446

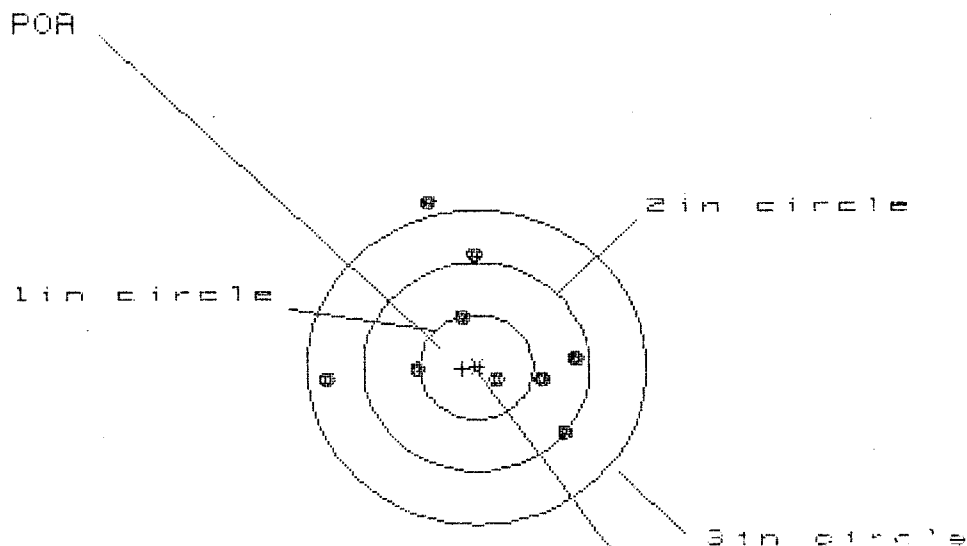
VS= 1.493

GS= 1.775

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.549	.449	.423
MINIMUM X	:	-.897	-.590	-.616
MAXIMUM Y	:	.733	.648	.516
MINIMUM Y	:	-.760	-.622	-.541
CENTROID X	:	.296	.396	.422
CENTROID Y	:	-.047	.038	-.043
POA TO CENTROID in.	:	.300	.398	.424
MIN RADIUS	:	.341	.392	.308
MEAN RADIUS	:	.618	.543	.512
MAX RADIUS	:	1.176	.681	.673
HORIZONTAL SPREAD	:	1.446	1.039	1.039
VERTICAL SPREAD	:	1.493	1.270	1.057
EXTREME SPREAD	:	1.775	1.300	1.152
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.281

VS= 3.919

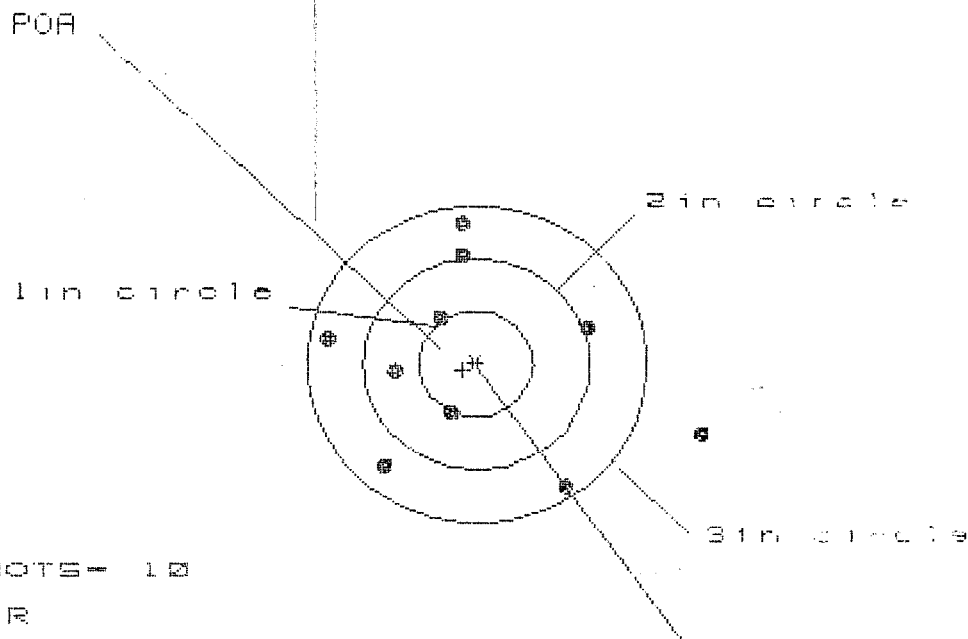
GS= 3.946

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.916	.919	.866
MINIMUM X	:	-1.365	-1.362	-1.415
MAXIMUM Y	:	1.592	1.333	1.036
MINIMUM Y	:	-2.327	-.859	-.692
CENTROID X	:	.124	.121	.174
CENTROID Y	:	.017	.276	.109
POA TO CENTROID in.	:	.125	.301	.205
MIN RADIUS	:	.218	.219	.238
MEAN RADIUS	:	1.012	.849	.760
MAX RADIUS	:	2.328	1.411	1.429
HORIZONTAL SPREAD	:	2.281	2.281	2.281
VERTICAL SPREAD	:	3.919	2.192	1.728
EXTREME SPREAD	:	3.946	2.486	2.293
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

25 NOV 1981

FILE: PATTERNING/CENTERFIRE_PATT/C6865719

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 3.315

VS= 2.515

GS= 3.423

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.989
MINIMUM X	-1.326
MAXIMUM Y	1.324
MINIMUM Y	-1.191
CENTROID X	.119
CENTROID Y	.059
POA TO CENTROID in.	.133
MIN RADIUS	.493
MEAN RADIUS	1.129
MAX RADIUS	2.085
HORIZONTAL SPREAD	3.315
VERTICAL SPREAD	2.515
EXTREME SPREAD	3.423
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9