

FREN

UPC



0 47700 25716 7

06665857

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700TM 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.

C6665857

ORDER NO.

5716

20

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

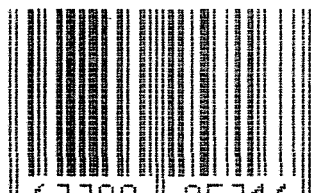


5716 C6665857

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665857

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KH
600	Proof		9/23/91	KH
607	Check Headspace		9/23/91	KH
610	Dis-assemble Gun		9/23/91	KH
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	28
617	Drill and Tap Sight Holes		SEP 30 1991	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-8-91	DA
	Apply Coating (Bolt)		11-8-91	DA
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KH
	C) Inspect Ejector Hole for Chamfer		10/8/91	KH
	D) Oil Firing Pin Ass'y		10/8/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	KH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/14/91	JH		
	G) Safety Off Force	3	3	3	10/14/91	JH		
	H) Trigger Pull Test & Retainability				10/9/91	JH		
	I) Firing Pin Indent	10215	10205	10205	10/14/91	JH		
	J) Assemble Stock				10/15/91	JH		
	K) Assemble Swivel Studs				10-18-91	A		
	L) Attach Front and Rear Sight Assemblies				10/15/91	JH		
	M) Iron Sight Alignment				10/15/91	JH		
	N) Detach Front & Rear Sights & place in numbered container				10/15/91	JH		
	O) Attach Scope to Rifle				10/15/91	JH		
	P) Detach & Attach Scope 20 Times				10/15/91	JH		
640	Gallery Target & Test				10-16-91	JA		
	A) Time				10-16-91	LT		
	B) Malfunctions				10-16-91	LT		
	C) Pierced Primers				10-16-91	LT		
	D) Optical Clarity of Scope				10-16-91	LT		
645	Inspect for Live Ammo				10-16-91	LT		
655	Final Inspection							
	A) Headspace				10-18-91	A		
	B) Trigger Pull	260	260	260	242	251	10/17/91	JH
	C) Function						10-18-91	AC
660	Pack						12-20-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6665857

DATE 10-9-81

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.32	2.28	260	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.33	2.35	260	
PULL #3	2.26	2.22	2.38	260	
PULL #4	2.20	2.20	2.25	242	
PULL #5	2.23	2.31	2.25	251	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.60		
PULL #2	3.36	3.66		
PULL #3	3.33	3.64		
PULL #4	3.18	3.68		
PULL #5	3.18	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.66	4.64		4.58
PULL #2	4.54	4.69		4.61
PULL #3	4.67	4.68		4.67
PULL #4	4.65	4.50		4.64
PULL #5	4.58	4.60		4.60
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665857
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.231502
1 TO	2	.170062
1 TO	3	.160431
1 TO	4	.239771
1 TO	5	.331688

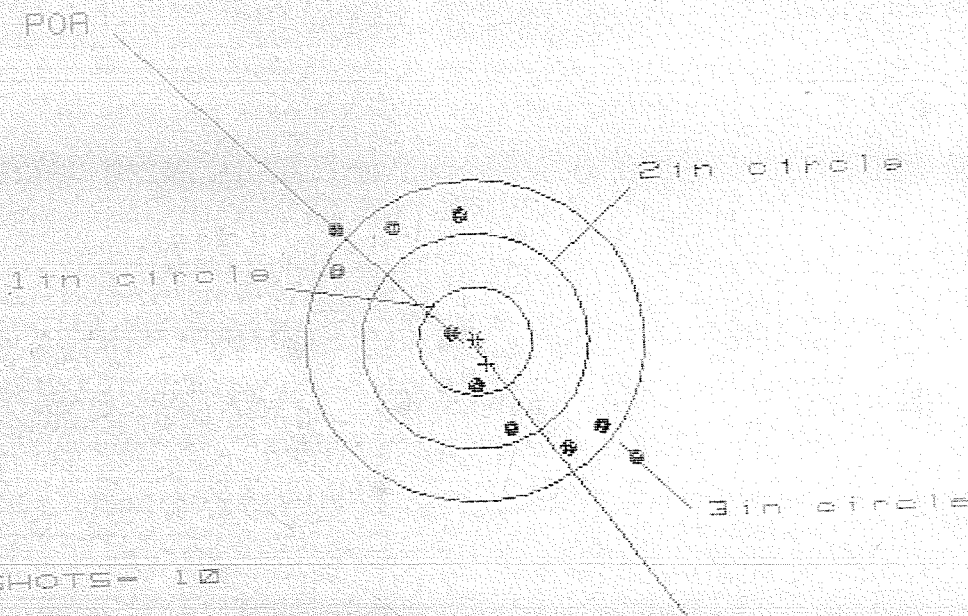
(----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0702
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0416
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0816002
THE AMR FOR THIS RIFLE IS: .914

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06565357

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.603

VS= 2.294

GS= 3.299

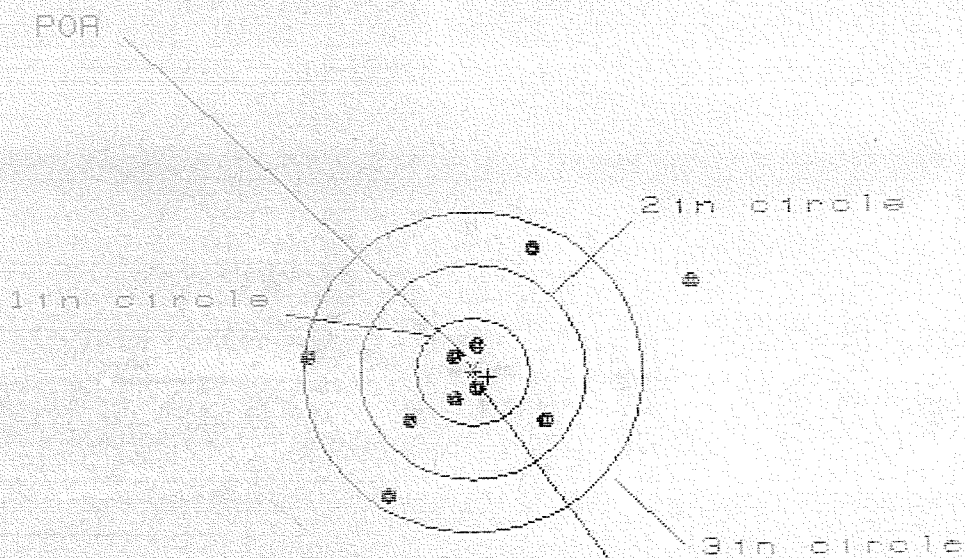
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	-1.347	1.202	1.071
MINIMUM X	-1.256	-1.106	-1.236
MAXIMUM Y	1.226	1.107	1.222
MINIMUM Y	-1.068	-1.149	-1.034
CENTROID X	-.093	-.243	-.112
CENTROID Y	.212	.331	.216
POA TO CENTROID in.	.232	.410	.243
MIN RADIUS	.275	.104	.255
MEAN RADIUS	1.146	1.065	1.019
MAX RADIUS	1.719	1.547	1.398
HORIZONTAL SPREAD	2.603	2.308	2.308
VERTICAL SPREAD	2.294	2.256	2.256
EXTREME SPREAD	3.299	2.936	2.759
NUMBER IN ONE INCH CIRCLE	= 2	3	8
NUMBER IN TWO INCH CIRCLE	= 3	3	8
NUMBER IN THREE INCH CIRCLE	= 5	3	8

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685857

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 3.416

VS= 2.280

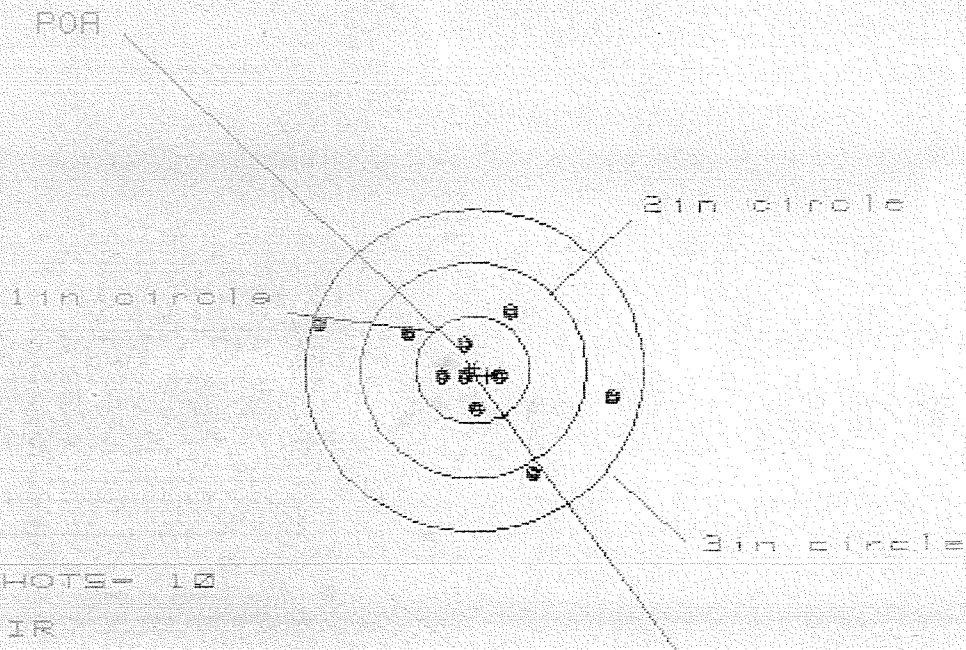
GS= 3.480

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.917	.835	.675
MINIMUM X	-1.499	-1.286	-.736
MAXIMUM Y	1.117	1.211	1.246
MINIMUM Y	-1.163	-1.069	-1.034
CENTROID X	-.138	-.351	-.191
CENTROID Y	.048	-.046	-.081
POA TO CENTROID in.	.146	.354	.287
MIN RADIUS	.111	.200	.085
MEAN RADIUS	.860	.710	.611
MAX RADIUS	2.096	1.437	1.388
HORIZONTAL SPREAD	3.416	2.121	1.411
VERTICAL SPREAD	2.280	2.280	2.280
EXTREME SPREAD	3.480	2.649	2.649
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865857

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 10

HS= 2.612

VS= 1.510

GS= 2.706

CENTROID *

PATTERN #		3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.247	1.096	.554
MINIMUM X	:	-1.365	-.693	-.556
MAXIMUM Y	:	.579	.633	.614
MINIMUM Y	:	-.931	-.877	-.896
CENTROID X	:	-.126	.025	-.112
CENTROID Y	:	.055	.001	.021
POA TO CENTROID in.	:	.138	.025	.114
MIN RADIUS	:	.090	.100	.107
MEAN RADIUS	:	.632	.556	.455
MAX RADIUS	:	1.451	1.107	1.054
HORIZONTAL SPREAD	:	2.612	1.789	1.110
VERTICAL SPREAD	:	1.510	1.510	1.510
EXTREME SPREAD	:	2.706	1.860	1.655
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8685857

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 3.224

VS= 3.291

GS= 4.607

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

1.782

-1.442

1.329

-1.962

.028

.005

.029

.333

1.180

2.435

3.224

3.291

4.607

9

1.622

-1.867

1.111

-1.715

.188

.223

.292

.464

1.042

1.966

2.489

2.826

3.653

3

5

7

8

.782

-1.665

1.217

-1.576

-.014

.084

.085

.271

.893

1.651

1.447

2.793

3.003

CENTERFIRE PATTERNS

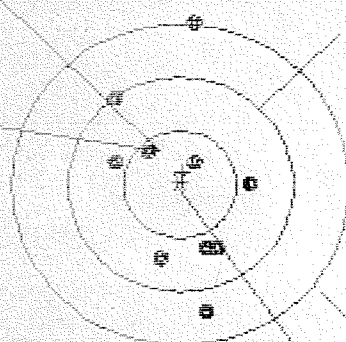
5

POA

1in circle

2in circle

3in circle



SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.207

VS= 2.685

GS= 2.685

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.629	.648	.675
MINIMUM X	-.578	-.559	-.532
MAXIMUM Y	1.498	.927	.849
MINIMUM Y	-1.187	-1.020	-.609
CENTROID X	-.022	-.041	-.068
CENTROID Y	-.112	-.279	-.151
POA TO CENTROID in.	.114	.282	.166
MIN RADIUS	.203	.365	.258
MEAN RADIUS	.752	.658	.601
MAX RADIUS	1.507	1.126	1.002
HORIZONTAL SPREAD	1.207	1.207	1.207
VERTICAL SPREAD	2.685	1.997	1.458
EXTREME SPREAD	2.685	2.145	1.669
NUMBER IN ONE INCH CIRCLE	2	2	2
NUMBER IN TWO INCH CIRCLE	8	8	8
NUMBER IN THREE INCH CIRCLE	9	9	9