

FORM

UPC



0 47700 25716 7

C66666142

*INCLUDES 1 IN CHAMBER

CAPACITY*

DANIEL LEMOINE

MODEL 700 TM M24

ORDER NO. 5716

CONFIDENTIAL

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6666142

ORDER NO.

5716

20

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



5716 C6666142

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666142

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	Kd
600	Proof		10/1/91	Kd
607	Check Headspace		10/1/91	Kd
610	Dis-assemble Gun		10/1/91	Kd
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		.OCT 8 1991	KR
615	Rollmark Caliber		.OCT 8 1991	LL
617	Drill and Tap Sight Holes		OCT 6 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/8/91	AB
	Apply Coating (Bolt)			
625	Final Assembly		12/3/91	Kd
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	Kd
	C) Inspect Ejector Hole for Chamfer		12/3/91	Kd
	D) Oil Firing Pin Ass'y		12/3/91	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		12-4-91	GH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	6	12-4-91	JH
	G) Safety Off Force	4	4	4	4	4	12-4-91	JH
	H) Trigger Pull Test & Retainability						12-4-91	JH
	I) Firing Pin Indent	020	020	020	020	020	12-4-91	JH
	J) Assemble Stock						12-4-91	JH
	K) Assemble Swivel Studs						12-4-91	AC
	L) Attach Front and Rear Sight Assemblies						12-4-91	JH
	M) Iron Sight Alignment						12-4-91	JH
	N) Detach Front & Rear Sights & place in numbered container						12-4-91	JH
	O) Attach Scope to Rifle						12-4-91	JH
	P) Detach & Attach Scope 20 Times						12-4-91	JH
640	Gallery Target & Test						12-4-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-4-91	NF
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	253	245	249	238	260	12-5-91	JH
	C) Function						12-7-91	AC
660	Pack						12-7-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
 2.50# ± .50#
 3.00# ± .75#
 4.00# ± 1.00#

SERIAL NO. 06666142
 DATE 12-4-91
 TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.42	2.44	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.38	2.48	2.45	
PULL #3	2.40	2.48	2.33	2.49	
PULL #4	2.39	2.39	2.38	2.38	
PULL #5	2.37	2.39	2.44	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.45		
PULL #2	3.68	3.43		
PULL #3	3.63	3.20		
PULL #4	3.62	3.32		
PULL #5	3.66	3.43		
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	4.64		4.60
PULL #2	4.62	4.67		4.65
PULL #3	4.58	4.52		4.48
PULL #4	4.56	4.49		4.64
PULL #5	4.60	4.45		4.67
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666142
4 Dec 1991

CENTROIDAL DISTANCES

TO	1	.369323
TO	2	.538335
TO	3	.447111
TO	4	.414855
TO	5	.315317

1.5 <----POR

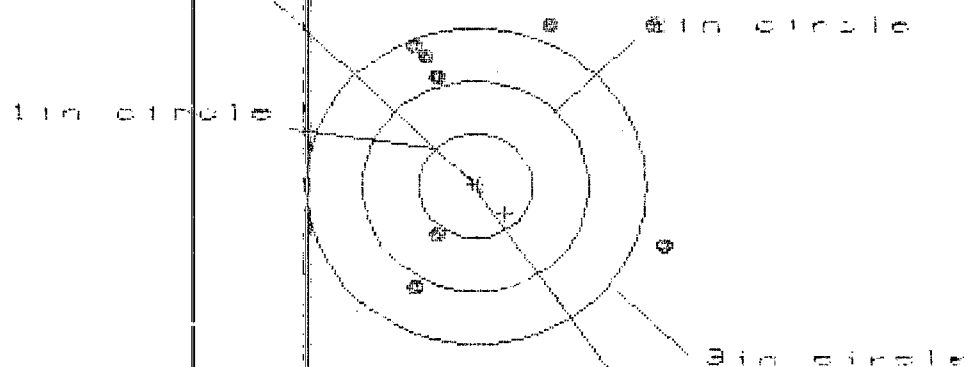
COORDINATE FOR THIS RIFLE IS: -.0474
COORDINATE FOR THIS RIFLE IS: .0038
OVERAGE FOR RADIUS FOR THIS RIFLE IS: .04750.1
IS THIS RIFLE IS: 1.158

891

FILE:/PATTERNING/CENTERFIRE_PATT/0806614

CENTERFIRE PATTERNS # 1

POA



* OF SHOTS- 10

IN CIR

1 in = 0

2 in = 1

3 in = 5

ME = 2.935

MS = 3.834

SS = 4.790

CENTROID *

SHOT CAN #	:	1		
SHOT 8661 OF	:	0	9	8
MINIMUM X	:	1.630	1.485	1.425
MINIMUM Y	:	1.305	-0.725	-0.795
MINIMUM Z	:	1.535	1.279	0.960
MINIMUM X	:	2.299	-2.553	-1.502
MINIMUM Y	:	-0.260	-0.115	-0.055
MINIMUM Z	:	0.263	0.519	0.838
CENTROID IN.	:	0.370	0.531	0.840
	:	0.555	0.847	0.663
	:	1.593	1.450	1.250
	:	2.644	2.598	1.841
SPREAD	:	2.935	2.210	2.210
SPREAD	:	3.834	3.832	2.462
SPREAD	:	4.790	4.279	3.267
1 INCH CIRCLE	=	0		
2 INCH CIRCLE	=	1		
3 INCH CIRCLE	=	5		

991

FILE:/PATTERNING/CENTERFIRE_PATT/C8898142

CENTERFIRE PATTERNS

2

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.722

VS= 2.890

CS= 2.931

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.686

.647

.513

MINIMUM X

-1.036

-1.075

-.926

MAXIMUM Y

1.501

1.156

1.046

MINIMUM Y

-1.389

-1.222

-1.078

CENTROID X

.018

.057

.191

CENTROID Y

-.198

-.365

-.509

H TO CENTROID in.

.199

.369

.544

H TO CENTER

.226

.267

.076

H TO SPREAD

.886

.782

.632

H TO HOLE

1.540

1.578

1.078

H TO TOTAL SPREAD

1.722

1.722

1.439

H TO SPREAD

2.890

2.378

2.124

H TO SPREAD

2.931

2.653

2.139

H TO ONE INCH CIRCLE =

2

H TO TWO INCH CIRCLE =

7

H TO THREE INCH CIRCLE =

9

04-1331

FILE:/PATTERNING/CENTERFIRE_PATT/C6666142

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 2.150

VS = 4.313

GS = 4.376

PATTERN # :

3

SHOTS (BEST OF) :

10

9

8

MAXIMUM X :

1.100

.983

.930

MINIMUM X :

-1.050

-1.023

-1.076

MAXIMUM Y :

1.687

1.395

.788

MINIMUM Y :

-2.626

-1.507

-1.333

CENTROID X :

.028

.145

.198

CENTROID Y :

.079

.213

.039

POA TO CENTROID in.:

.084

.258

.202

1IN RADIUS :

.289

.093

.108

2IN RADIUS :

1.134

.832

.761

3IN RADIUS :

2.828

1.821

1.713

1.5 INCH SPREAD :

2.150

2.006

2.006

2.0 INCH SPREAD :

4.313

2.902

2.121

3.0 INCH SPREAD :

4.376

2.963

2.419

1 INCH IN ONE INCH CIRCLE =

2

2 INCH IN TWO INCH CIRCLE =

5

3 INCH IN THREE INCH CIRCLE =

7

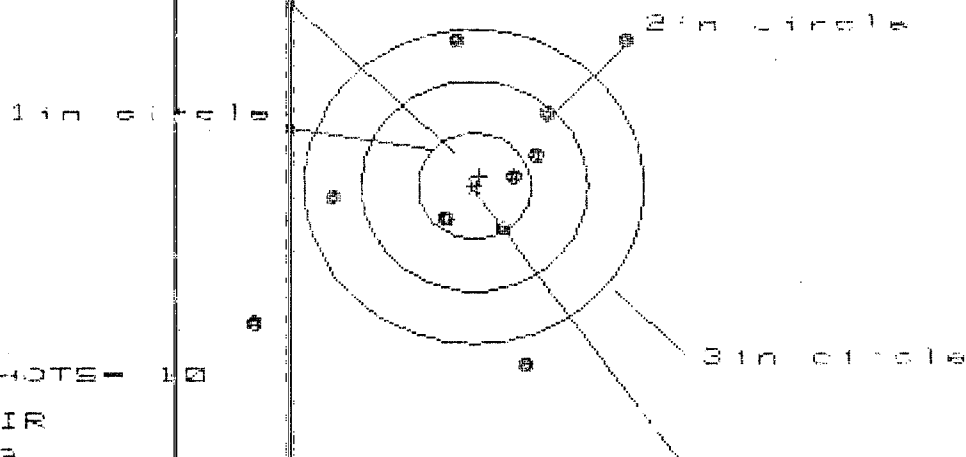
431

FILE: PATTERNING/CENTERFIRE_PATT/C6666142

CENTERFIRE PATTERNS

4

POA



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS = 3.306

VS = 3.033

GS = 4.267

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.360	1.143	.530
MINIMUM X	:	-1.946	-1.442	-1.299
MAXIMUM Y	:	1.367	1.220	1.368
MINIMUM Y	:	-1.666	-1.813	-1.661
CENTROID X	:	-.047	.169	.026
CENTROID Y	:	-.093	.054	-.098
POA TO CENTROID in.	:	.105	.177	.101
MIN RADIUS	:	.340	.108	.275
MEAN RADIUS	:	1.136	.953	.872
MAX RADIUS	:	2.358	1.827	1.701
HORIZONTAL SPREAD	:	3.306	2.585	1.829
VERTICAL SPREAD	:	3.033	3.033	3.029
SPREAD MEAN	:	4.267	3.169	3.081
SHOTS IN ONE INCH CIRCLE	=		3	
SHOTS IN TWO INCH CIRCLE	=		5	
SHOTS IN THREE INCH CIRCLE	=		7	

931

FILE:/PATTERNING/CENTERFIRE_PATT/C6666142

CENTERFIRE PATTERNS . # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

MS = 2.724

VS = 2.071

GS = 2.849

CENTROID #

PATTERN #	:	5		
SHOTS BEST OF	:	10	9	9
MAXIMUM X	:	1.473	1.440	1.304
MINIMUM X	:	-1.251	-1.087	-.911
MAXIMUM Y	:	1.017	.908	.810
MINIMUM Y	:	-1.054	-1.163	-1.253
CENTROID X	:	.024	-.140	-.004
CENTROID Y	:	.126	.235	.325
POA - CENTROID in.	:	.128	.274	.325
MAX SPREAD	:	.190	.205	.054
MIN SPREAD	:	1.041	.913	.836
AVG SPREAD	:	1.773	1.552	1.538
MAX SPREAD	:	2.724	2.527	2.215
MIN SPREAD	:	2.071	2.071	2.071
AVG SPREAD	:	2.849	2.532	2.508
MAX INCH CIRCLE	=	1		
MIN INCH CIRCLE	=	5		
AVG INCH CIRCLE	=	9		