

C6587650

MODEL 700™ M24

Model **SMS**™

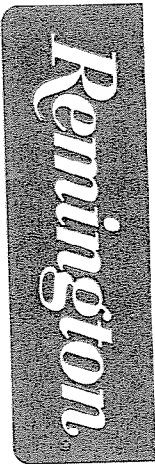
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington®

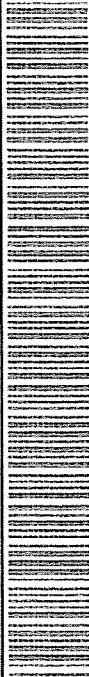
MODEL 700™ M24

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

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

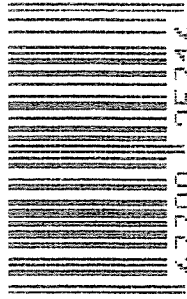
SERIAL NO.
C6587650

ORDER NO.
5716



5716 C6587650

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587650

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	Kcd
	Magnaflux Bolt		11/1/90	Kcd
615	Rollmark Caliber		11/1/90	Kcd
617	Drill and Tap Sight Holes		11/1/90	KCB
618	Polish Barrel <i>RB</i>		11/6/90	WCB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-3-91	JM

op. #	BARBER - M24 0024525 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	5.0	4.75			1/2/91	KT
	G) Safety Off Force	3.0	3.25	3.25			1/2/91	KT
	H) Trigger Pull Test & Retainability						1-3-91	JL
	I) Firing Pin Indent	.020	.020	.020			1/2/91	KT
	J) Assemble Stock						1/6/91	KS
	K) Assemble Swivel Studs						1-17-91	JL
	L) Attach Front and Rear Sight Assemblies						1/6/91	KS
	M) Iron Sight Alignment						1/6/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/6/91	KS
	O) Attach Scope to Rifle						1/6/91	KS
	P) Detach & Attach Scope 20 Times						1/6/91	KS
640	Gallery Target & Test						1/16/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						1/16/91	KJ
655	Final Inspection							
	A) Headspace						1-17-91	JL
	B) Trigger Pull	2.26	2.35	2.42	2.41	2.45	1-17-91	JL
	C) Function						1-17-91	JL
660	Pack						3-19-91	VF

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

SERIAL NO. C6587650DATE 1-3-91TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.45	2.40	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.44	2.38	2.35	
PULL #3	2.22	2.36	2.38	2.42	
PULL #4	2.41	2.27	2.36	2.41	
PULL #5	2.40	2.37	2.29	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.34		
PULL #2	3.26	3.23		
PULL #3	3.26	3.18		
PULL #4	3.30	3.28		
PULL #5	3.19	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.32		4.29
PULL #2	4.23	4.32		4.26
PULL #3	4.20	4.27		4.24
PULL #4	4.20	4.33		4.25
PULL #5	4.37	4.28		4.32
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587650
17 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.232594
1 TO	2	.381745
1 TO	3	.247202
1 TO	4	.0690652
1 TO	5	.175787

$\frac{5}{3}$ <----POA

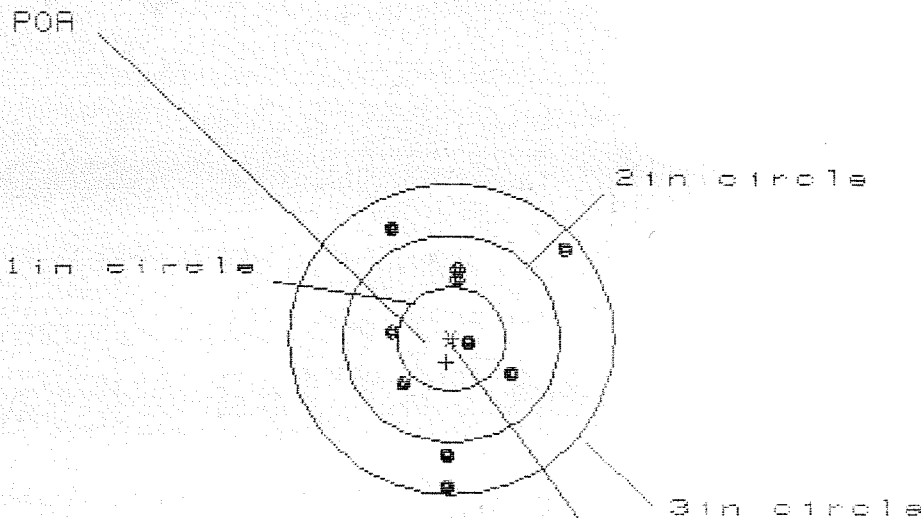
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0944
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0992357

THE AMR FOR THIS RIFLE IS: 1.086

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587650

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.617

VS= 2.500

GS= 2.550

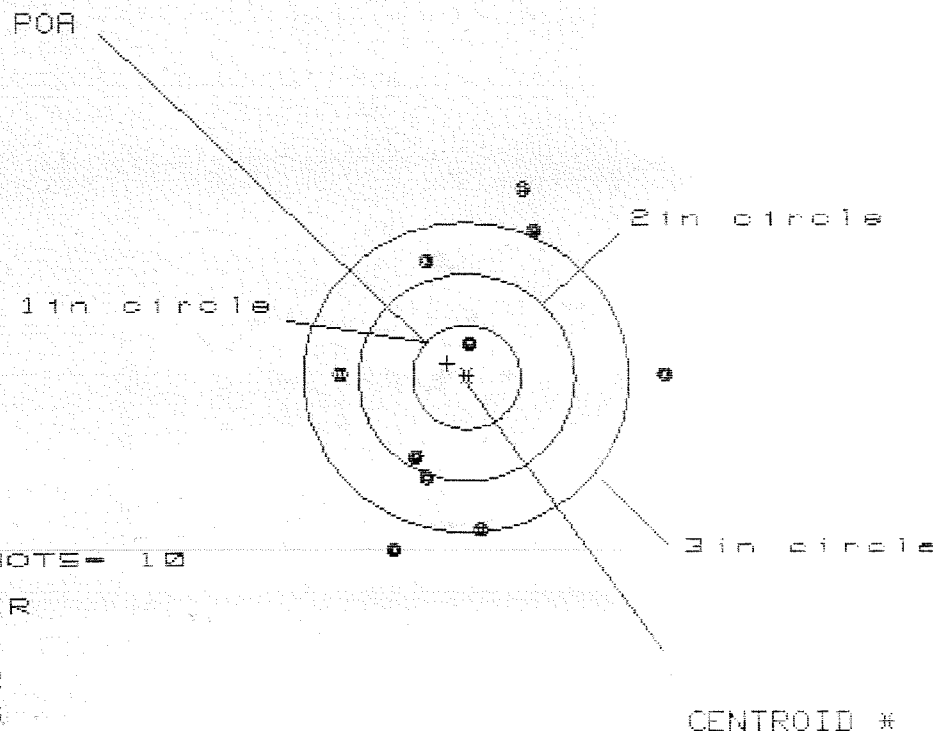
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	1.017	.676
MINIMUM X	-.590	-.600	-.472
MAXIMUM Y	1.098	.942	1.029
MINIMUM Y	-1.402	-1.307	-1.220
CENTROID X	.046	.056	-.072
CENTROID Y	.228	.384	.297
POA TO CENTROID in.	.233	.388	.305
MIN RADIUS	.155	.263	.291
MEAN RADIUS	.835	.763	.697
MAX RADIUS	1.405	1.310	1.220
HORIZONTAL SPREAD	1.617	1.617	1.148
VERTICAL SPREAD	2.500	2.249	2.249
EXTREME SPREAD	2.550	2.304	2.304
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587650

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 5

HS = 2.917

VS = 3.506

GS = 3.700

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.778	1.833	1.754
MINIMUM X	:	-1.139	-1.084	-1.163
MAXIMUM Y	:	1.842	1.636	1.453
MINIMUM Y	:	-1.664	-1.459	-1.494
CENTROID X	:	.173	.118	.197
CENTROID Y	:	-.132	-.337	-.154
POA TO CENTROID in.	:	.218	.357	.250
MIN RADIUS	:	.355	.564	.378
MEAN RADIUS	:	1.318	1.233	1.187
MAX RADIUS	:	1.908	1.848	1.755
HORIZONTAL SPREAD	:	2.917	2.917	2.917
VERTICAL SPREAD	:	3.506	3.095	2.947
EXTREME SPREAD	:	3.700	3.357	2.987
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			2	
NUMBER IN THREE INCH CIRCLE =			5	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 6

HS= 3.340

VS= 2.657

GS= 3.393

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.639	1.450	1.618
MINIMUM X	-1.701	-1.146	-.978
MAXIMUM Y	1.122	1.172	1.270
MINIMUM Y	-1.535	-1.485	-1.387
CENTROID X	-.076	.113	-.055
CENTROID Y	.013	-.037	-.135
POA TO CENTROID in.	.077	.119	.146
MIN RADIUS	.143	.246	.063
MEAN RADIUS	1.098	1.044	.942
MAX RADIUS	1.759	1.562	1.618
HORIZONTAL SPREAD	3.340	2.596	2.596
VERTICAL SPREAD	2.657	2.657	2.657
EXTREME SPREAD	3.393	2.782	2.660
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6587850

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.346

VS = 2.215

GS = 3.346

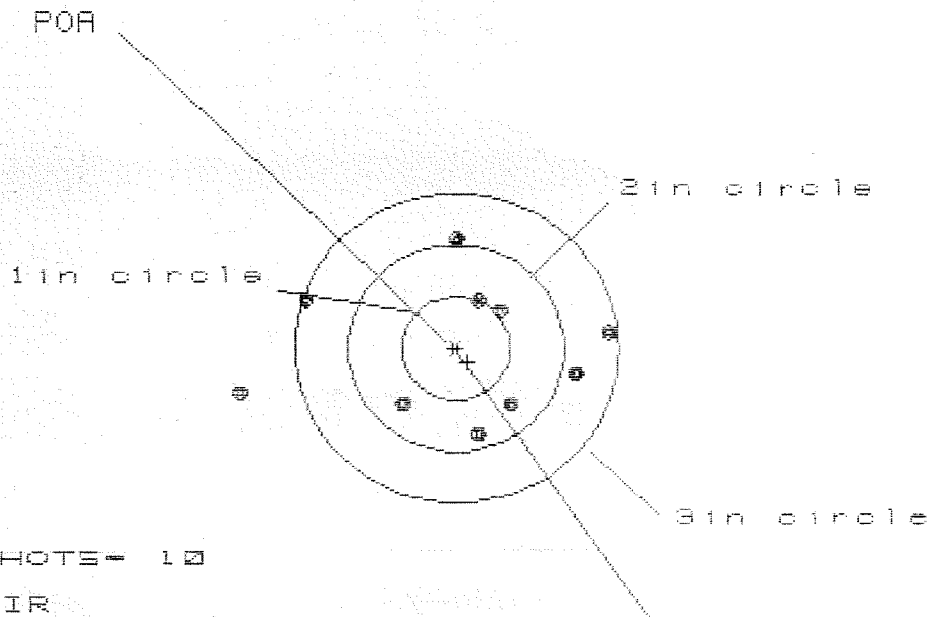
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.058	1.144
MINIMUM X	:	-2.059	-1.315	-1.229
MAXIMUM Y	:	.771	.781	.601
MINIMUM Y	:	-1.444	-1.434	-1.145
CENTROID X	:	.115	.344	.258
CENTROID Y	:	.225	.215	.395
POA TO CENTROID in.	:	.253	.406	.471
MIN RADIUS	:	.192	.086	.114
MEAN RADIUS	:	1.125	.985	.870
MAX RADIUS	:	2.061	1.591	1.451
HORIZONTAL SPREAD	:	3.346	2.373	2.373
VERTICAL SPREAD	:	2.215	2.215	1.746
EXTREME SPREAD	:	3.346	2.934	2.702
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



HS = 3.425

VS = 1.918

GS = 3.475

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.448	1.228	1.014
MINIMUM X	-1.977	-1.573	-1.419
MAXIMUM Y	1.088	1.044	1.062
MINIMUM Y	-.831	-.874	-.856
CENTROID X	-.105	.115	-.038
CENTROID Y	.138	.181	.163
POA TO CENTROID in.	.173	.215	.168
MIN RADIUS	.536	.352	.469
MEAN RADIUS	1.053	.902	.871
MAX RADIUS	2.016	1.630	1.488
HORIZONTAL SPREAD	3.425	2.801	2.434
VERTICAL SPREAD	1.918	1.918	1.918
EXTREME SPREAD	3.475	2.815	2.531
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	