

C6587583

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

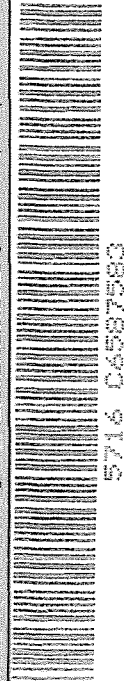
Remington
MODEL 700™ 124

DUPONT
REG. U.S. PAT. & TM. OFF.

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

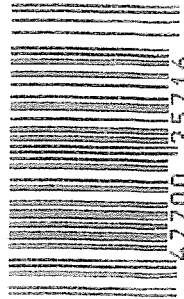
SERIAL NO. 06587583	ORDER NO. 5716
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 06587583

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587583

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	Kd
600	Proof		10/19/90	Kd
607	Check Headspace		10/19/90	Kd
610	Dis-assemble Gun		10/19/90	Kd
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GS
617	Drill and Tap Sight Holes		10/23/90	WLB
618	Polish Barrel <i>RB</i>		10/24/90	WLB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		11-	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/28/90	JA

BARBER - M24 0023170		READINGS			DATE	INIT
OP. #	OP. NAME					
625 cont.	F) Safety On Force	4 3/4	4 1/2	4 1/2	11/29/90	W/B
	G) Safety Off Force	2 1/2	2 1/4	2 1/4	11/29/90	W/B
	H) Trigger Pull Test & Retainability				11/29/90	821
	I) Firing Pin Indent	.0205	.021	.021	11/29/90	W/B
	J) Assemble Stock				11/29/90	KA
	K) Assemble Swivel Studs				12-4-90	928
	L) Attach Front and Rear Sight Assemblies				11/29/90	KA
	M) Iron Sight Alignment				11/29/90	KA
	N) Detach Front & Rear Sights & place in numbered container				11/29/90	KA
	O) Attach Scope to Rifle				11/29/90	KA
	P) Detach & Attach Scope 20 Times				11/29/90	KA
640	Gallery Target & Test				12-1-90	AC
	A) Time				12-1-90	AC
	B) Malfunctions				12-1-90	AC
	C) Pierced Primers				12-1-90	AC
	D) Optical Clarity of Scope				12-1-90	AC
645	Inspect for Live Ammo				12-1-90	AC
655	Final Inspection					
	A) Headspace				12-4-90	928
	B) Trigger Pull	294	287	293	285	291
	C) Function				12-4-90	928
660	Pack				12-17-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06587583

DATE 11-28-90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.33	2.32	2.94	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.35	2.34	2.87	
PULL #3	2.36	2.33	2.34	2.93	
PULL #4	2.41	2.33	2.33	2.85	
PULL #5	2.35	2.27	2.31	2.91	
TOTAL					
AVG.					

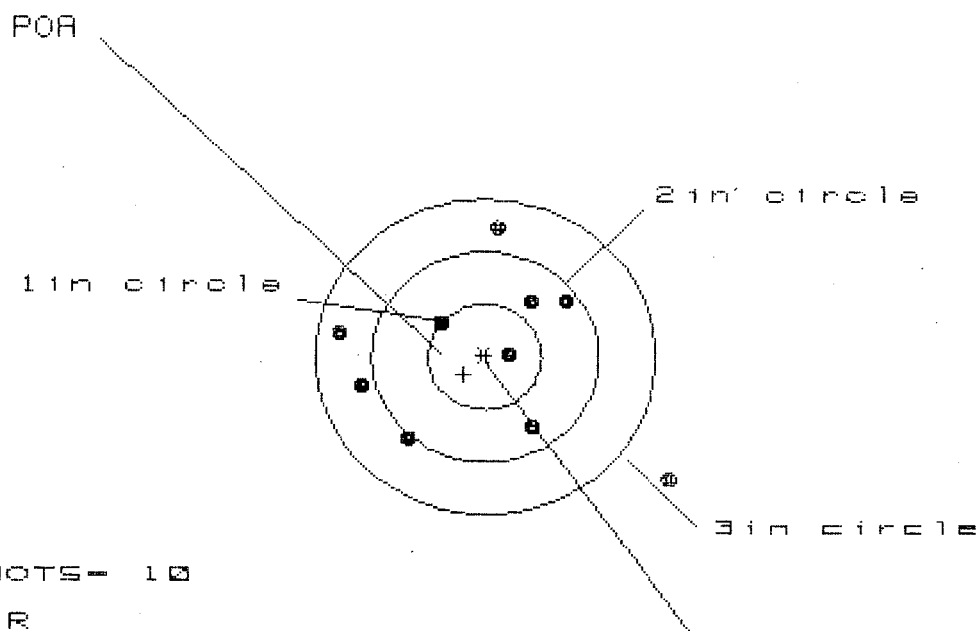
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.29		
PULL #2	3.26	3.28		
PULL #3	3.20	3.40		
PULL #4	3.32	3.27		
PULL #5	3.19	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.33		4.16
PULL #2	4.30	4.28		4.21
PULL #3	4.33	4.30		4.24
PULL #4	4.39	4.23		4.36
PULL #5	4.28	4.36		4.38
TOTAL				
AVG.				

1 Dec 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.844

VS = 2.446

GS = 3.185

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.602	.891	.921
MINIMUM X	:	-1.242	-1.064	-1.034
MAXIMUM Y	:	1.272	1.142	.581
MINIMUM Y	:	-1.174	-.889	-.747
CENTROID X	:	.186	.008	-.022
CENTROID Y	:	.168	.298	.156
POA TO CENTROID in.	:	.251	.298	.157
MIN RADIUS	:	.236	.292	.380
MEAN RADIUS	:	.988	.865	.825
MAX RADIUS	:	1.986	1.167	1.072
HORIZONTAL SPREAD	:	2.844	1.955	1.955
VERTICAL SPREAD	:	2.446	2.031	1.328
EXTREME SPREAD	:	3.185	2.171	1.997
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	9		

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587583

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.830

VS= 1.942

GS= 3.086

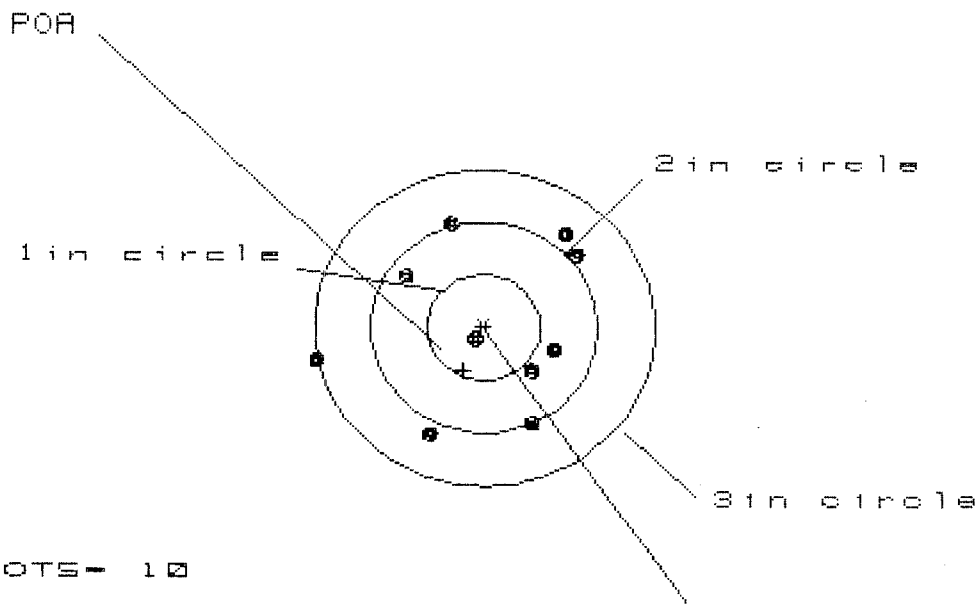
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.252	1.401
MINIMUM X	:	-1.421	-.978	-.829
MAXIMUM Y	:	.845	.723	.606
MINIMUM Y	:	-1.097	-.935	-.716
CENTROID X	:	.152	.310	.161
CENTROID Y	:	.137	.259	.376
POA TO CENTROID in.	:	.205	.404	.409
MIN RADIUS	:	.335	.177	.156
MEAN RADIUS	:	.999	.883	.775
MAX RADIUS	:	1.795	1.516	1.405
HORIZONTAL SPREAD	:	2.830	2.230	2.230
VERTICAL SPREAD	:	1.942	1.658	1.322
EXTREME SPREAD	:	3.086	2.494	2.234
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587583

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.339

VS= 2.028

GS= 2.558

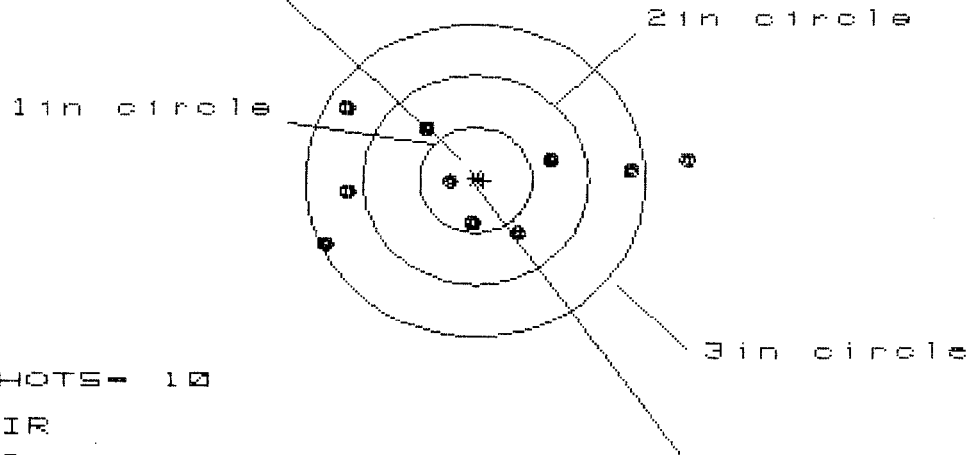
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.691	.611
MINIMUM X	:	-1.483	-.805	-.885
MAXIMUM Y	:	1.028	.989	.859
MINIMUM Y	:	-1.000	-1.039	-1.091
CENTROID X	:	.183	.348	.428
CENTROID Y	:	.410	.449	.579
POA TO CENTROID in.	:	.449	.568	.720
MIN RADIUS	:	.119	.274	.413
MEAN RADIUS	:	.904	.827	.779
MAX RADIUS	:	1.524	1.221	1.099
HORIZONTAL SPREAD	:	2.339	1.496	1.496
VERTICAL SPREAD	:	2.028	2.028	1.950
EXTREME SPREAD	:	2.558	2.182	2.060
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587583

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 3.292

VS = 1.282

GS = 3.383

CENTROID *

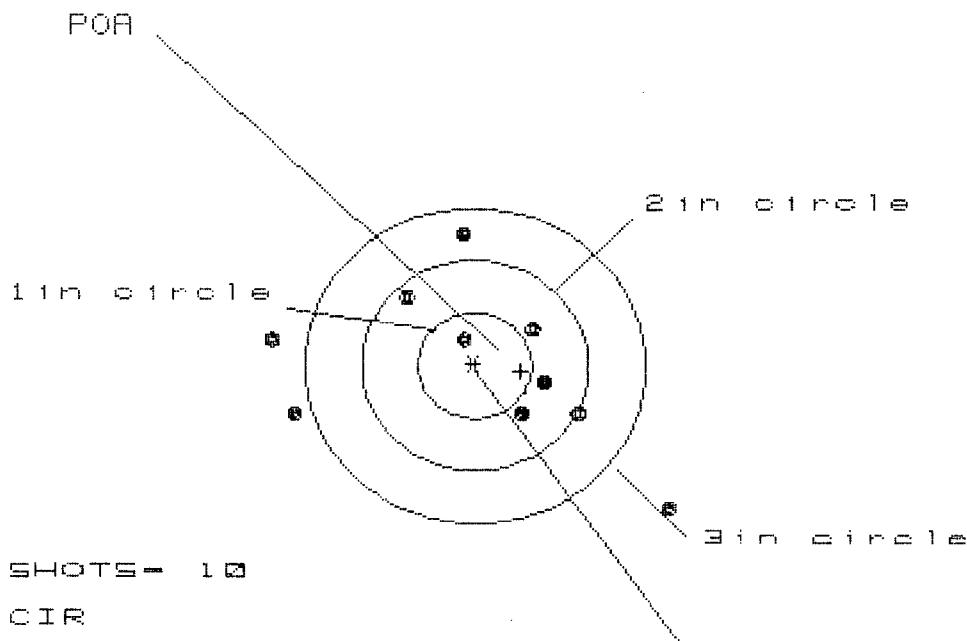
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.914	1.626	1.481
MINIMUM X	:	-1.378	-1.166	-1.109
MAXIMUM Y	:	.692	.713	.642
MINIMUM Y	:	-.590	-.569	-.546
CENTROID X	:	-.070	-.282	-.137
CENTROID Y	:	.003	-.018	.053
POA TO CENTROID in.	:	.070	.283	.146
MIN RADIUS	:	.263	.050	.211
MEAN RADIUS	:	.997	.860	.815
MAX RADIUS	:	1.923	1.632	1.482
HORIZONTAL SPREAD	:	3.292	2.792	2.589
VERTICAL SPREAD	:	1.282	1.282	1.188
EXTREME SPREAD	:	3.383	2.879	2.598
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Dec 1998

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CENTERFIRE PATTERNS

5



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 3.476

VS = 2.547

GS = 3.807

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.730	1.105	.910
MINIMUM X	:	-1.746	-1.554	-1.562
MAXIMUM Y	:	1.242	1.097	1.109
MINIMUM Y	:	-1.305	-.628	-.616
CENTROID X	:	-.408	-.600	-.405
CENTROID Y	:	.050	.195	.183
POA TO CENTROID in.	:	.411	.631	.445
MIN RADIUS	:	.290	.143	.178
MEAN RADIUS	:	1.085	.958	.845
MAX RADIUS	:	2.167	1.558	1.669
HORIZONTAL SPREAD	:	3.476	2.659	2.472
VERTICAL SPREAD	:	2.547	1.725	1.725
EXTREME SPREAD	:	3.807	2.757	2.472
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	