

C6649034

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Sinclair®

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

DUPONT

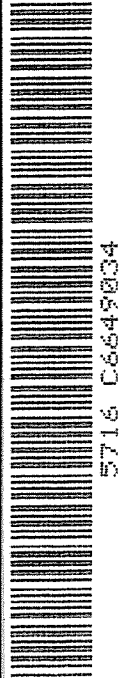
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6649034

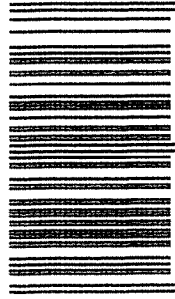
ORDER NO.
5716

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



5716 C6649034

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649034

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	LS
617	Drill and Tap Sight Holes		JUL 1 1991	FB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/91	YU

op.	BARBER M240030881	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/28/91	YU
	G) Safety Off Force	3	3	3			8/28/91	YU
	H) Trigger Pull Test & Retainability						8/27/91	YU
	I) Firing Pin Indent	10235	10225	10225			8/28/91	YU
	J) Assemble Stock						8/29/91	RW
	K) Assemble Swivel Studs						8-31-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/29/91	RW
	M) Iron Sight Alignment						8/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/29/91	RW
	O) Attach Scope to Rifle						8/29/91	RW
	P) Detach & Attach Scope 20 Times						8/29/91	RW
640	Gallery Target & Test						8-30-91	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						8-30-91	A
655	Final Inspection							
	A) Headspace						8-31-91	D/H
	B) Trigger Pull	266	240	243	250	251	8-31-91	D/H
	C) Function						8-31-91	D/H
660	Pack						9-11-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649034

DATE 8/22/91

TESTER SM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.18	2.44	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.30	2.40	2.40	
PULL #3	2.57	2.47	2.38	2.43	
PULL #4	2.33	2.36	2.32	2.50	
PULL #5	2.20	2.42	2.44	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.35		
PULL #2	3.37	3.26		
PULL #3	3.47	3.28		
PULL #4	3.31	3.24		
PULL #5	3.22	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.44		4.40
PULL #2	4.18	4.46		4.59
PULL #3	4.52	4.53		4.53
PULL #4	4.48	4.51		4.58
PULL #5	4.51	4.57		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649034
30 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.686813
1 TO	2	.690395
1 TO	3	.292933
1 TO	4	.849377
1 TO	5	1.0509

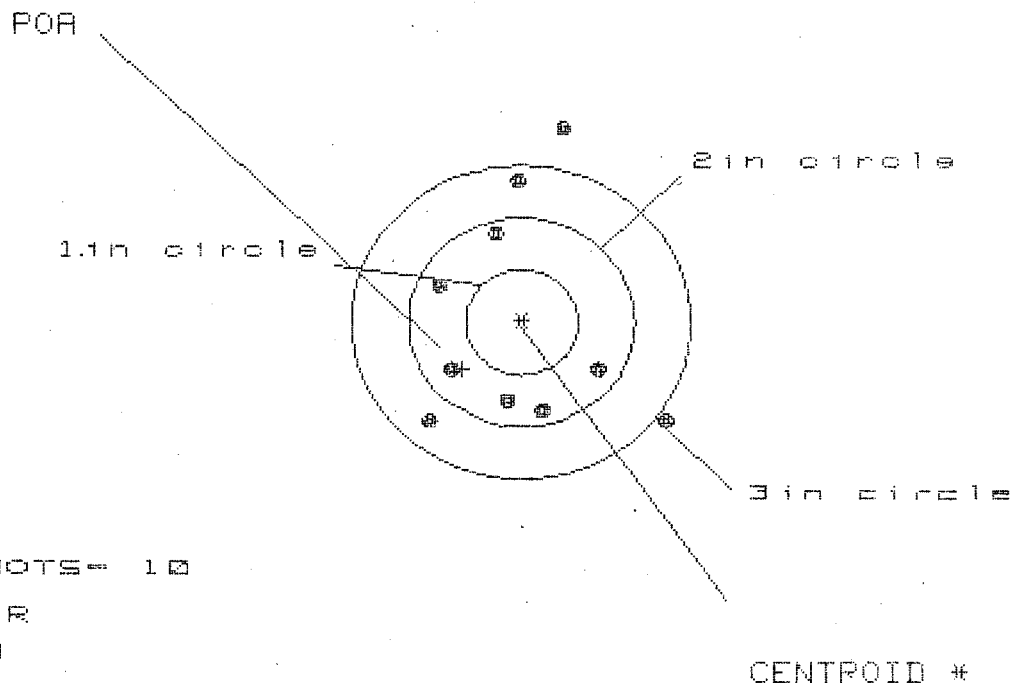
$s + \frac{1}{4}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2864
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .287338
THE AMR FOR THIS RIFLE IS: 1.119

30 Aug 1991

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CENTERFIRE PATTERNS # 1

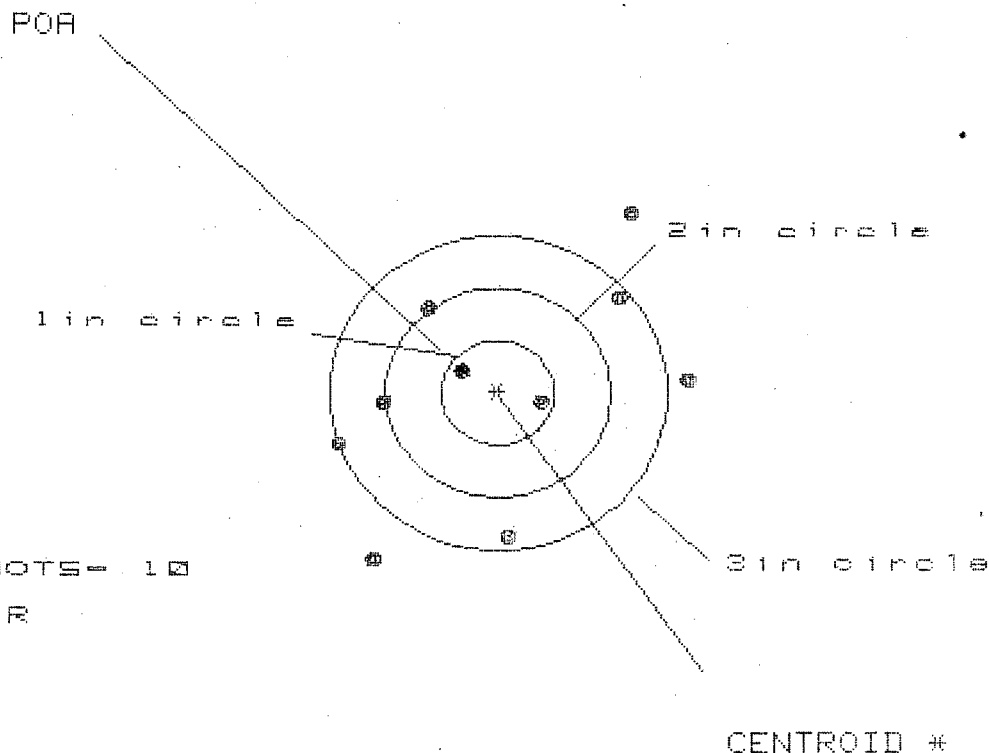


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.258	1.297	.920
MINIMUM X	-.814	-.775	-.613
MAXIMUM Y	1.809	1.566	1.476
MINIMUM Y	-.967	-.765	-.855
CENTROID X	.524	.485	.323
CENTROID Y	.444	.242	.332
POA TO CENTROID in.	.687	.543	.463
MIN RADIUS	.739	.535	.516
MEAN RADIUS	1.092	.968	.895
MAX RADIUS	1.843	1.566	1.489
HORIZONTAL SPREAD	2.072	2.072	1.533
VERTICAL SPREAD	2.776	2.331	2.331
EXTREME SPREAD	3.010	2.606	2.467
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

30 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 3.092

VS = 3.286

GS = 3.970

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.725	1.853	1.735
MINIMUM X	:	-1.367	-1.239	-1.357
MAXIMUM Y	:	1.701	1.098	.924
MINIMUM Y	:	-1.585	-1.396	-1.395
CENTROID X	:	.315	.187	.305
CENTROID Y	:	-.214	-.403	-.229
POA TO CENTROID in.	:	.381	.444	.381
MIN RADIUS	:	.375	.417	.373
MEAN RADIUS	:	1.277	1.181	1.099
MAX RADIUS	:	2.056	1.882	1.742
HORIZONTAL SPREAD	:	3.092	3.092	3.092
VERTICAL SPREAD	:	3.286	2.494	2.319
EXTREME SPREAD	:	3.970	3.288	3.163
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	7		

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.423

VS= 3.782

GS= 3.800

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.191
MINIMUM X	-1.232
MAXIMUM Y	2.047
MINIMUM Y	-1.735
CENTROID X	.657
CENTROID Y	.183
POA TO CENTROID in.	.682
MIN RADIUS	.400
MEAN RADIUS	1.223
MAX RADIUS	2.208
HORIZONTAL SPREAD	2.423
VERTICAL SPREAD	3.782
EXTREME SPREAD	3.800
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649034

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.403

VS= 3.439

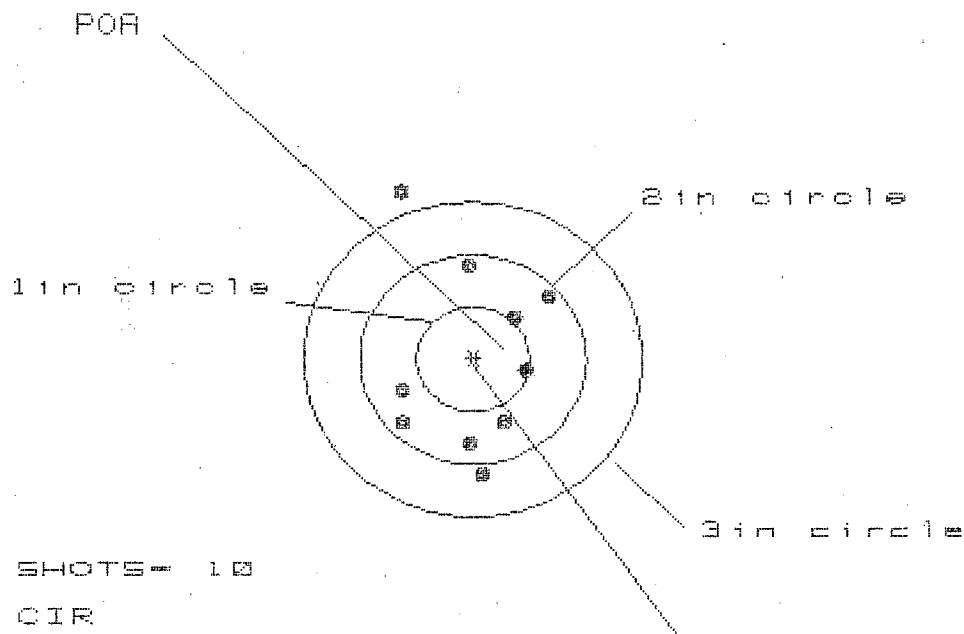
GS= 3.817

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.092
MINIMUM X	-1.311
MAXIMUM Y	1.316
MINIMUM Y	-2.123
CENTROID X	.405
CENTROID Y	-.397
POA TO CENTROID in.	.567
MIN RADIUS	.442
MEAN RADIUS	1.135
MAX RADIUS	2.164
HORIZONTAL SPREAD	2.403
VERTICAL SPREAD	3.439
EXTREME SPREAD	3.817
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

30 Aug 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 1.357

VS= 2.659

GS= 2.759

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.706
MINIMUM X	-.651
MAXIMUM Y	1.555
MINIMUM Y	-1.103
CENTROID X	-.469
CENTROID Y	.100
POA TO CENTROID in.	.480
MIN RADIUS	.485
MEAN RADIUS	.869
MAX RADIUS	1.686
HORIZONTAL SPREAD	1.357
VERTICAL SPREAD	2.659
EXTREME SPREAD	2.759
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9