

C6649141

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

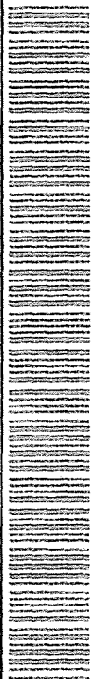
Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

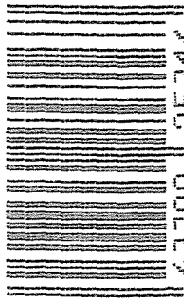
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6649141	ORDER NO. 5716
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5716 C6649141

LPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649141

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KA
600	Proof		6/26/91	KA
607	Check Headspace		6/26/91	KA
610	Dis-assemble Gun		6/26/91	KA
612	Magnaflux Barrel Action		JUL 1 8 1991	GS
	Magnaflux Bolt		JUL 1 8 1991	GS
615	Rollmark Caliber		JUL 1 8 1991	GS
617	Drill and Tap Sight Holes		JUL 1 8 1991	EB
618	Polish Barrel		JUL 2 8 1991	WB
620	Apply Coatings (Barrel Action)		2-7-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/13/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/13/91	KA
	C) Inspect Ejector Hole for Chamfer		8/13/91	KA
	D) Oil Firing Pin Ass'y		8/13/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8/14/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-14-91	GU
	G) Safety Off Force	3	3	3			8-14-91	GU
	H) Trigger Pull Test & Retainability						8/14/91	WLB
	I) Firing Pin Indent	.021	.0205	.021			8-14-91	GU
	J) Assemble Stock						8/14/91	KS
	K) Assemble Swivel Studs						8-17-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/14/91	KS
	M) Iron Sight Alignment						8/14/91	KS
	N) Detach Front & Rear Sights & place in numbered container						8/14/91	KS
	O) Attach Scope to Rifle						8/14/91	KS
	P) Detach & Attach Scope 20 Times						8/14/91	KS
640	Gallery Target & Test						8/15/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						8/15/91	KT
655	Final Inspection							
	A) Headspace						8-17-91	D/H
	B) Trigger Pull	2.45	2.41	2.45	2.43	2.43	8-17-91	D/H
	C) Function						8-17-91	D/H
660	Pack						9-19-91	NF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649141
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.277332
1 TO	2	.271065
1 TO	3	.19461
1 TO	4	.0852115
1 TO	5	.274847

(----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1196
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121607
THE AMR FOR THIS RIFLE IS: .8454

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849141

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 5

HS= 3.083

VS= 2.423

GS= 3.492

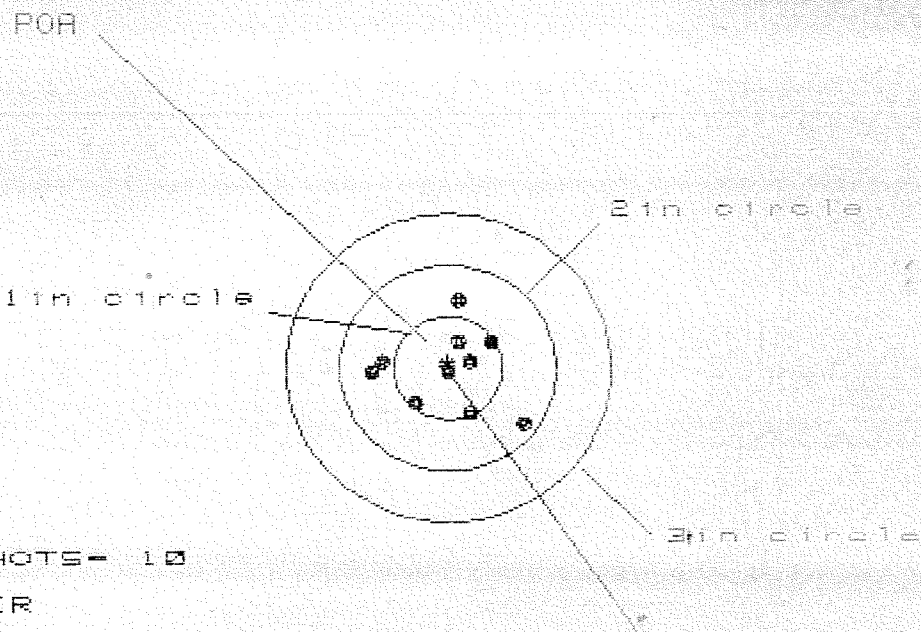
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.498	1.635	1.445
MINIMUM X	-1.585	-1.448	-1.243
MAXIMUM Y	1.600	1.288	.483
MINIMUM Y	-.823	-.645	-.484
CENTROID X	-.263	-.400	-.605
CENTROID Y	-.088	-.266	-.427
POA TO CENTROID in.	.278	.480	.740
MIN RADIUS	.201	.152	.381
MEAN RADIUS	1.158	1.054	.954
MAX RADIUS	2.019	2.081	1.524
HORIZONTAL SPREAD	3.083	3.083	2.688
VERTICAL SPREAD	2.423	1.933	.967
EXTREME SPREAD	3.492	3.443	2.720
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 5

2in = 10

3in = 10

HS= 1.442

VS= 1.216

GS= 1.524

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.693	.480	.396
MINIMUM X	-.749	-.672	-.605
MAXIMUM Y	.686	.627	.615
MINIMUM Y	-.530	-.513	-.525
CENTROID X	.007	-.070	.014
CENTROID Y	-.064	-.005	.007
POA TO CENTROID in.	.064	.070	.016
MIN RADIUS	.021	.083	.079
MEAN RADIUS	.489	.451	.406
MAX RADIUS	.873	.679	.621
HORIZONTAL SPREAD	1.442	1.152	1.001
VERTICAL SPREAD	1.216	1.140	1.140
EXTREME SPREAD	1.524	1.181	1.147
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3

POB

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.692

VS= 2.062

GS= 2.064

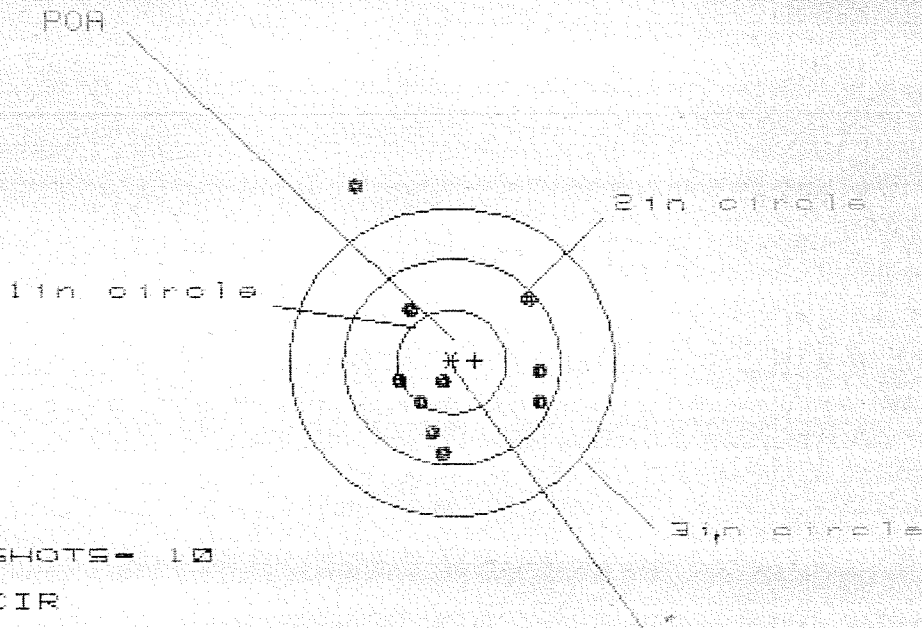
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.655
MINIMUM X	-1.027
MAXIMUM Y	1.196
MINIMUM Y	-.866
CENTROID X	-.120
CENTROID Y	.044
POB TO CENTROID in.	.128
MIN RADIUS	.198
MEAN RADIUS	.748
MAX RADIUS	1.327
HORIZONTAL SPREAD	1.682
VERTICAL SPREAD	2.062
EXTREME SPREAD	2.064
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	10

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 9

HS= 1.690

VS= 2.577

GS= 2.692

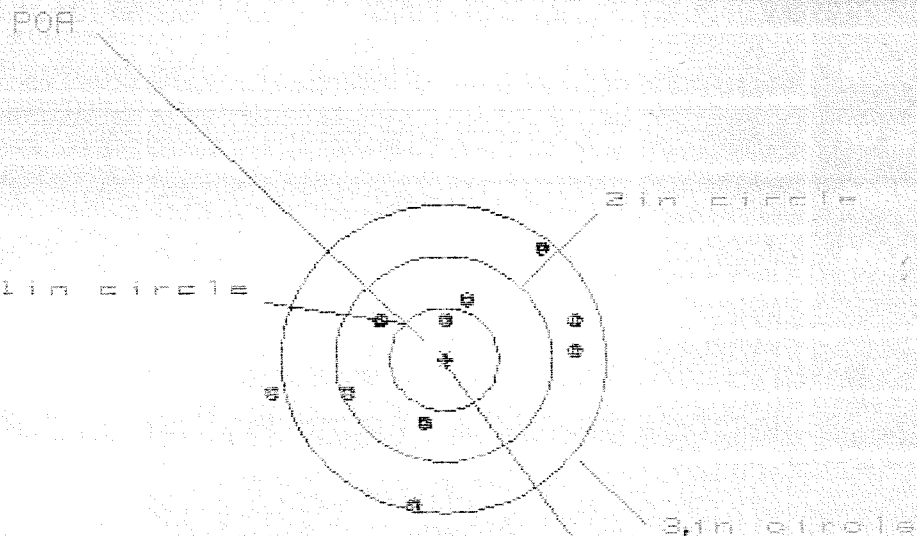
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.844	.750	.831
MINIMUM X	:	-.846	-.542	-.461
MAXIMUM Y	:	1.670	.829	.803
MINIMUM Y	:	-.907	-.722	-.618
CENTROID X	:	-.213	-.119	-.200
CENTROID Y	:	-.019	-.204	-.308
POA TO CENTROID in.	:	.213	.236	.367
MIN RADIUS	:	.209	.197	.158
MEAN RADIUS	:	.804	.655	.572
MAX RADIUS	:	1.872	1.054	.899
HORIZONTAL SPREAD	:	1.690	1.292	1.292
VERTICAL SPREAD	:	2.577	1.551	1.421
EXTREME SPREAD	:	2.692	1.751	1.467
NUMBER IN ONE INCH CIRCLE	=	2	2	2
NUMBER IN TWO INCH CIRCLE	=	9	9	9
NUMBER IN THREE INCH CIRCLE	=	9	9	9

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.791

VS= 2.574

GS= 2.865

CENTROID *

PATTERN #	1	5	9
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.241	1.068	1.013
MINIMUM X	-1.550	-1.106	-1.161
MAXIMUM Y	1.109	1.075	.887
MINIMUM Y	-1.465	-1.499	-1.858
CENTROID X	-.009	.164	.219
CENTROID Y	-.017	-.051	.239
POA TO CENTROID in.	.019	.171	.324
MIN RADIUS	.351	.378	.294
MEAN RADIUS	1.028	.961	.851
MAX RADIUS	1.580	1.563	1.295
HORIZONTAL SPREAD	2.791	2.174	2.174
VERTICAL SPREAD	2.574	2.574	1.745
EXTREME SPREAD	2.865	2.839	2.368
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649141
DATE 8/14/81
TESTER W B

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.28	2.44	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.25	2.35	2.41	
PULL #3	2.25	2.28	2.34	2.45	
PULL #4	2.30	2.27	2.37	2.43	
PULL #5	2.32	2.25	2.46	2.43	
TOTAL	11.53	11.33	11.96		
AVG.	2.31	2.27	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.19		
PULL #2	3.16	3.21		
PULL #3	3.06	3.13		
PULL #4	3.09	3.11		
PULL #5	3.14	3.11		
TOTAL	15.66	15.75		
AVG.	3.13	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.17		4.22
PULL #2	4.09	4.20		4.14
PULL #3	4.11	4.14		4.19
PULL #4	4.15	4.18		4.19
PULL #5	4.08	4.15		3.90
TOTAL	20.65	20.84		20.64
AVG.	4.13	4.17		4.13