

C6649076

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

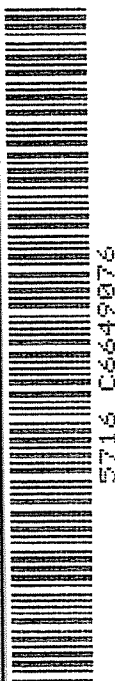
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6649076

ORDER NO. 5716

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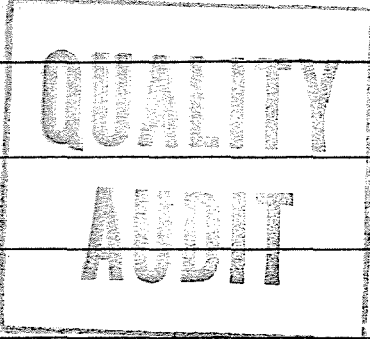


UPC

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649076

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KA
600	Proof		6/25/91	KA
607	Check Headspace		6/25/91	KA
610	Dis-assemble Gun		6/25/91	KA
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	GL
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WLB
620	Apply Coatings (Barrel Action)		7-23-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/91	KA
	C) Inspect Ejector Hole for Chamfer		8/1/91	KA
	D) Oil Firing Pin Ass'y		8/1/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-2-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-2-91	JK
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			8-2-91	JK
	H) Trigger Pull Test & Retainability						8-2-91	JK
	I) Firing Pin Indent	.0225	.022	.022			8-2-91	JK
	J) Assemble Stock						8/2/91	JK
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						8/2/91	JK
	M) Iron Sight Alignment						8/2/91	JK
	N) Detach Front & Rear Sights & place in numbered container						8/2/91	JK
	O) Attach Scope to Rifle						8/2/91	JK
	P) Detach & Attach Scope 20 Times						8/2/91	JK
640	Gallery Target & Test						8/2/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						8/2/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2-16	2-18	2-20	2-23	2-24	8-6-91	JK
	C) Function						8-6-91	AC
660	Pack						8/2/91	JK

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± 50#
3.00# ± 75#
4.00# ± 1.00#

SERIAL NO. C 6649076

DATE 8-2-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.22	2.38	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.31	2.25	2.18	
PULL #3	2.18	2.32	2.30	2.20	
PULL #4	2.20	2.36	2.38	2.23	
PULL #5	2.24	2.30	2.28	2.27	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.62		
PULL #2	3.58	3.33		
PULL #3	3.58	3.27		
PULL #4	3.43	3.24		
PULL #5	3.51	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.27		4.26
PULL #2	4.17	4.31		4.17
PULL #3	4.27	4.20		4.33
PULL #4	4.25	4.19		4.19
PULL #5	4.25	4.21		4.26
TOTAL				
AVG.				

CENTRACIDAL DISTANCE CALCULATIONS

RIFLE # 06649076

2 Aug 1991

CENTRACIDAL DISTANCES

0 TO 1	.24797
1 TO 2	.50401
1 TO 3	.116276
1 TO 4	.542462
1 TO 5	.519278

54
312 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0768
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0932
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120766

THE AMR FOR THIS RIFLE IS: 1.044

10/1/81

FILE:/PATTERNING/CENTERFIRE_PATT/C6649076

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.971

VS= 1.522

GS= 2.965

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.244	1.064	.961
MINIMUM X	-1.627	-1.154	-1.022
MAXIMUM Y	.742	.674	.568
MINIMUM Y	-.788	-.848	-.593
CENTROID X	-.288	-.028	-.160
CENTROID Y	-.135	-.066	.040
POR TO CENTROID in.	.248	.072	.165
MIN RADIUS	.245	.069	.164
MEAN RADIUS	.885	.768	.693
MAX RADIUS	1.740	1.360	1.116
HORIZONTAL SPREAD	2.871	2.218	1.982
VERTICAL SPREAD	1.522	1.522	1.161
EXTREME SPREAD	2.965	2.503	2.015
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8649076

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 3.092

VS = 1.697

GS = 3.095

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.427	1.242	1.042
MINIMUM X	:	-1.665	-1.597	-.691
MAXIMUM Y	:	.626	.660	.622
MINIMUM Y	:	-1.071	-1.037	-1.075
CENTROID X	:	.293	.478	.678
CENTROID Y	:	-.080	-.115	-.077
POA TO CENTROID in.	:	.304	.492	.602
MIN RADIUS	:	.404	.504	.523
MEAN RADIUS	:	.956	.864	.753
MAX RADIUS	:	1.694	1.626	1.075
HORIZONTAL SPREAD	:	3.092	2.839	1.733
VERTICAL SPREAD	:	1.697	1.697	1.697
EXTREME SPREAD	:	3.095	2.887	1.836
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649026

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 1.781

VS= 4.144

GS= 4.144

CENTROID *

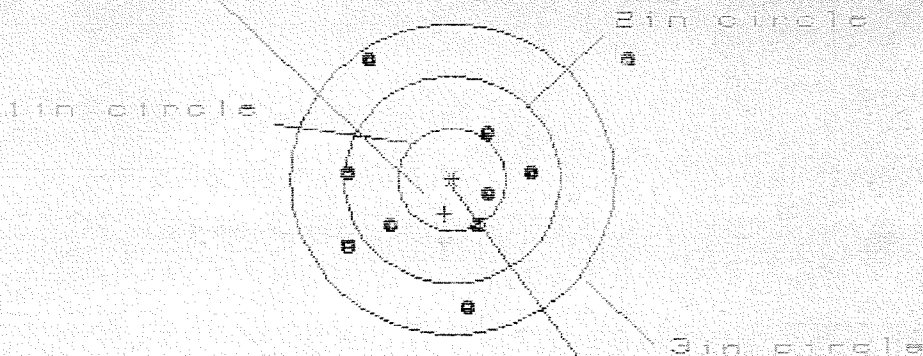
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.941	.855	.739
MINIMUM X	:	-.840	-.926	-.853
MAXIMUM Y	:	2.431	1.197	1.017
MINIMUM Y	:	-1.713	-1.443	-1.069
CENTROID X	:	-.200	-.114	.002
CENTROID Y	:	-.019	-.289	-.109
POA TO CENTROID in.	:	.201	.311	.109
MIN RADIUS	:	.507	.424	.346
MEAN RADIUS	:	1.092	.909	.777
MAX RADIUS	:	2.552	1.714	1.099
HORIZONTAL SPREAD	:	1.781	1.781	1.592
VERTICAL SPREAD	:	4.144	2.640	2.086
EXTREME SPREAD	:	4.144	2.893	2.123
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649076

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.668

VS = 2.407

GS = 3.219

CENTROID #

PATTERN #

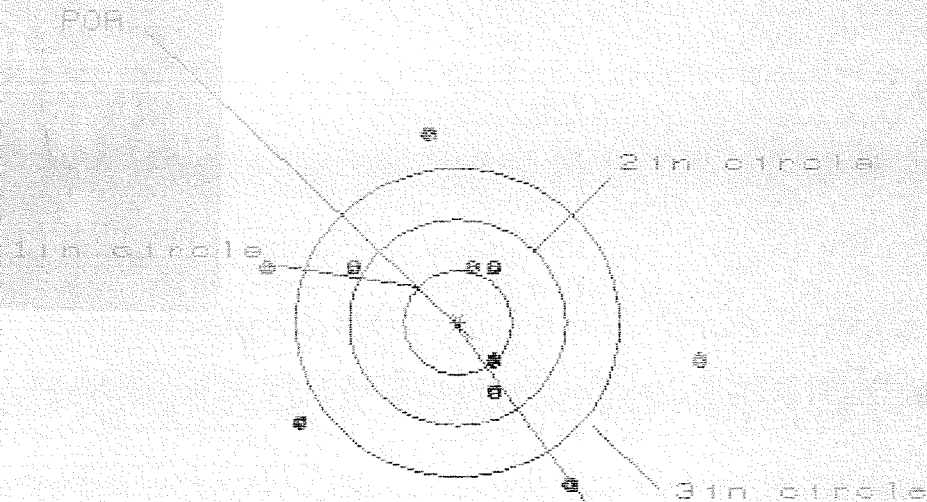
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.665	.871	.793
MINIMUM X	-1.003	-.818	-.896
MAXIMUM Y	1.185	1.256	.733
MINIMUM Y	-1.222	-1.091	-.934
CENTROID X	.068	-.117	-.039
CENTROID Y	.332	.201	.044
POA TO CENTROID in.	.339	.232	.058
MIN RADIUS	.404	.468	.376
MEAN RADIUS	.964	.832	.735
MAX RADIUS	2.044	1.405	.954
HORIZONTAL SPREAD	2.668	1.689	1.689
VERTICAL SPREAD	2.407	2.347	1.667
EXTREME SPREAD	3.219	2.513	1.832
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

2 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/G6849076

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 4.0000

VS= 3.418

GS= 4.089

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.244	1.296	.790
MINIMUM X	:	-1.756	-1.506	-1.344
MAXIMUM Y	:	1.836	1.797	1.594
MINIMUM Y	:	-1.582	-1.621	-1.197
CENTROID X	:	-.337	-.586	-.748
CENTROID Y	:	.368	.407	.610
PDR TO CENTROID in.	:	.499	.713	.965
MIN RADIUS	:	.483	.626	.600
MEAN RADIUS	:	1.321	1.222	1.104
MAX RADIUS	:	2.272	2.075	1.612
HORIZONTAL SPREAD	:	4.000	2.802	2.134
VERTICAL SPREAD	:	3.418	3.418	2.791
EXTREME SPREAD	:	4.089	3.648	3.063
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	