

C6649272

MODEL 760TM M24

Model 5145 TM

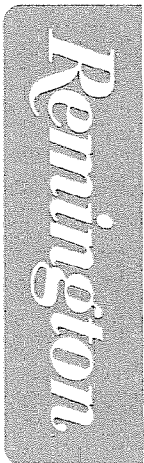
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



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

MODEL 700TM H24

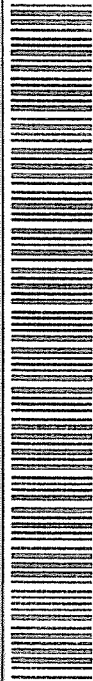
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marques Deposees.

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

SERIAL NO.
 C6649272

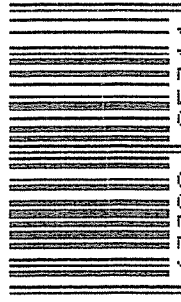
ORDER NO.
 5716

20



5716 C6649272

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649272

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		RW
600	Proof	6 27 9 1		RW
607	Check Headspace	6 27 9 1		RW
610	Dis-assemble Gun	6 27 9 1		RW
612	Magnaflux Barrel Action	JUL	2 1991	KR
	Magnaflux Bolt	JUL	2 1991	KR
615	Rollmark Caliber	JUL	2 1991	LS
617	Drill and Tap Sight Holes	JUL	2 1991	LB
618	Polish Barrel	JUL	17 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	DA
	Apply Coating (Bolt)			DA
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-7-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			8-17-91	AC
	G) Safety Off Force	4	4	4			8-17-91	AC
	H) Trigger Pull Test & Retainability						8-17-91	9/1
	I) Firing Pin Indent	.020	.021	.020			8-17-91	AC
	J) Assemble Stock						8/19/91	RW
	K) Assemble Swivel Studs						8-13-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/19/91	RW
	M) Iron Sight Alignment						8/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/19/91	RW
	O) Attach Scope to Rifle						8/19/91	RW
	P) Detach & Attach Scope 20 Times						8/19/91	RW
640	Gallery Target & Test						8-12-91	D/H
	A) Time						8-12-91	D/H
	B) Malfunctions						8-12-91	D/H
	C) Pierced Primers						8-12-91	D/H
	D) Optical Clarity of Scope						8-12-91	D/H
645	Inspect for Live Ammo						8-12-91	D/H
655	Final Inspection						8-13-91	D/H
	A) Headspace						8-13-91	D/H
	B) Trigger Pull	2.20	2.15	2.20	2.35	2.43	8-13-91	9/1
	C) Function						8-13-91	D/H
660	Pack						9-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06649272

DATE 8-2-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.56	2.50	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.52	2.48	2.15	
PULL #3	2.50	2.55	2.58	2.20	
PULL #4	2.54	2.60	2.63	2.35	
PULL #5	2.54	2.61	2.49	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.60		
PULL #2	3.69	3.52		
PULL #3	3.55	3.42		
PULL #4	3.66	3.57		
PULL #5	3.59	3.43		
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	4.14		4.35
PULL #2	4.21	4.24		4.27
PULL #3	4.24	4.25		4.19
PULL #4	4.21	4.24		4.22
PULL #5	4.25	4.42		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649272
12 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.251849
1 TO 2	.316992
1 TO 3	.2241
1 TO 4	.482313
1 TO 5	.268019

451 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0116
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0272
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0293703

THE AMR FOR THIS RIFLE IS: .8712

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS649278

CENTERFIRE PATTERNS #1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HE= 2.484

VS= 1.745

GS= 2.593

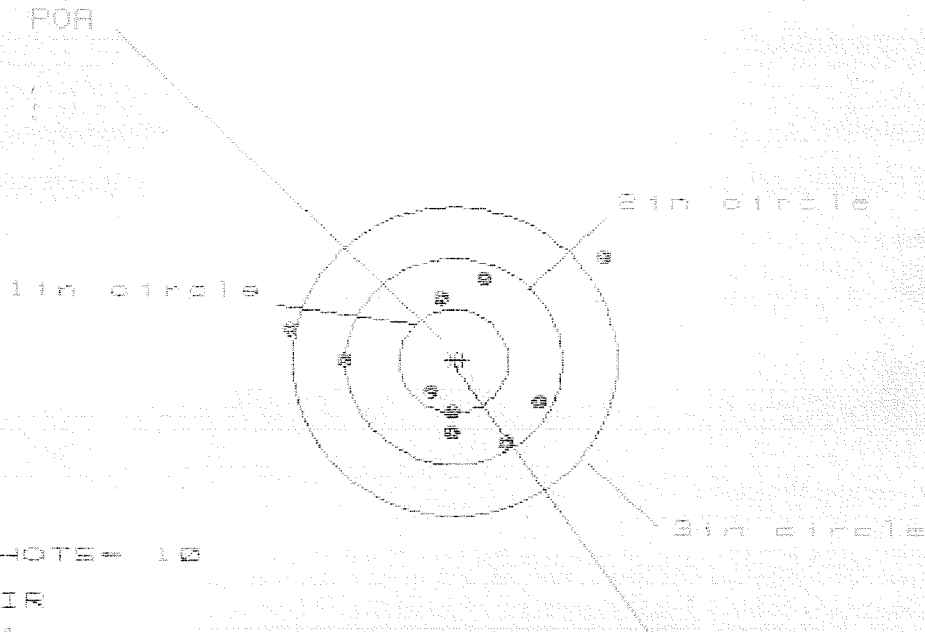
PATTERN #	1	10	9	8
SHOTS (BEST OF)	1	10	9	8
MAXIMUM X	1.095	.940	1.023	
MINIMUM X	-1.399	-1.200	-1.117	
MAXIMUM Y	1.089	1.155	1.016	
MINIMUM Y	-.656	-.590	-.446	
CENTROID X	.208	.363	.280	
CENTROID Y	-.142	-.208	-.352	
POA TO CENTROID in.	.252	.419	.458	
MIN RADIUS	.124	.133	.099	
MEAN RADIUS	.059	.743	.648	
MAX RADIUS	1.519	1.334	1.153	
HORIZONTAL SPREAD	2.494	2.148	2.140	
VERTICAL SPREAD	1.745	1.745	1.462	
EXTREME SPREAD	2.593	2.452	2.173	
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649272

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.868

VS= 1.751

GS= 2.938

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	1.974	1.863
MINIMUM X	:	-1.520	-1.371	-1.024
MAXIMUM Y	:	.969	.947	1.000
MINIMUM Y	:	-.782	-.675	-.620
CENTROID X	:	-.082	-.231	-.060
CENTROID Y	:	-.014	-.121	-.176
POA TO CENTROID in.	:	1.083	1.261	1.186
MIN RADIUS	:	.368	.210	.263
MEAN RADIUS	:	.911	.799	.699
MAX RADIUS	:	1.660	1.440	1.033
HORIZONTAL SPREAD	:	2.868	2.345	1.827
VERTICAL SPREAD	:	1.751	1.622	1.622
EXTREME SPREAD	:	2.938	2.463	1.869
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		7		
NUMBER IN THREE INCH CIRCLE =		8		

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649272

CENTERFIRE PATTERNS

3

POB

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 9

3in = 9

HS = 1.815

VS = 2.231

GS = 2.339

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.719	.620	.583
MINIMUM X	:	-.896	-.611	-.648
MAXIMUM Y	:	1.255	.797	.682
MINIMUM Y	:	-.976	-.836	-.771
CENTROID X	:	.022	.121	.158
CENTROID Y	:	-.017	-.157	-.052
POB TO CENTROID in.	:	.020	.198	.165
MIN RADIUS	:	.214	.059	.170
MEAN RADIUS	:	.680	.522	.500
MAX RADIUS	:	1.542	.808	.789
HORIZONTAL SPREAD	:	1.615	1.231	1.231
VERTICAL SPREAD	:	2.231	1.623	1.453
EXTREME SPREAD	:	2.339	1.732	1.490
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C654B272

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.502

VS = 2.246

GS = 3.094

CENTROID *

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.247

1.286

1.163

MINIMUM X

:

-1.255

-1.117

-1.240

MAXIMUM Y

:

1.224

1.332

1.217

MINIMUM Y

:

-1.022

-.914

-.757

CENTROID X

:

-.239

-.377

-.254

CENTROID Y

:

-.024

-.132

-.017

POA TO CENTROID in.

:

.240

.400

.255

MIN RADIUS

:

.126

.173

.110

MEAN RADIUS

:

.987

.930

.846

MAX RADIUS

:

1.578

1.432

1.408

HORIZONTAL SPREAD

:

2.502

2.403

2.403

VERTICAL SPREAD

:

2.246

2.246

1.974

EXTREME SPREAD

:

3.094

2.684

2.473

NUMBER IN ONE INCH CIRCLE =

:

2

NUMBER IN TWO INCH CIRCLE =

:

4

NUMBER IN THREE INCH CIRCLE =

:

8

15 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/03549272

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.957

VS = 1.953

GS = 3.271

CENTROID +

PATTERN #

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.523

1.363

1.272

MINIMUM X

:

-1.434

-.944

-.773

MAXIMUM Y

:

1.013

.988

.953

MINIMUM Y

:

-.940

-.828

-.776

CENTROID X

:

.033

.193

.322

CENTROID Y

:

.061

.166

.121

POA TO CENTROID in.

:

.070

.254

.124

MIN RADIUS

:

.274

.093

.246

MEAN RADIUS

:

.919

.826

.728

MAX RADIUS

:

1.715

1.408

1.489

HORIZONTAL SPREAD

:

2.957

2.387

2.045

VERTICAL SPREAD

:

1.953

1.728

1.728

EXTREME SPREAD

:

3.271

2.343

2.183

NUMBER IN ONE

INCH CIRCLE =

2

NUMBER IN TWO

INCH CIRCLE =

6

NUMBER IN THREE

INCH CIRCLE =

8