

C6636213

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

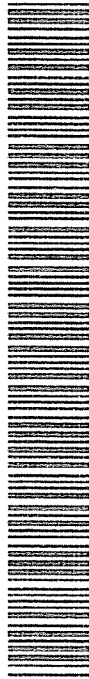
Capacity

Order No. **5716**

*Includes 1 in chamber.

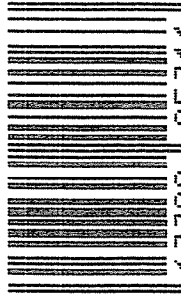


Remington® MODEL 700™ M24 MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
DU PONT REG. U.S. PAT. & TM. OFF.		SERIAL NO. C6636213
20		ORDER NO. 5716



5716 C6636213

UPC

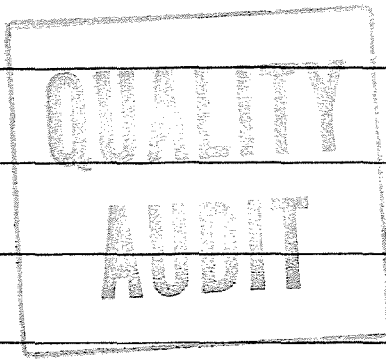


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636213

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	Kd
600	Proof		6/24/91	Kd
607	Check Headspace		6/24/91	Kd
610	Dis-assemble Gun		6/24/91	Kd
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	SS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/5/91	Kd
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/5/91	Kd
	C) Inspect Ejector Hole for Chamfer		8/5/91	Kd
	D) Oil Firing Pin Ass'y		8/5/91	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		8-6-91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 $\frac{3}{4}$	6			8-6-91	D/H
	G) Safety Off Force	2	2	2			8-6-91	D/H
	H) Trigger Pull Test & Retainability						8-6-91	JL
	I) Firing Pin Indent	1020	1020	1020			8-6-91	D/H
	J) Assemble Stock						8/9/91	KR
	K) Assemble Swivel Studs						8-14-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/9/91	KR
	M) Iron Sight Alignment						8/9/91	KR
	N) Detach Front & Rear Sights & place in numbered container						8/9/91	KR
	O) Attach Scope to Rifle						8/9/91	KR
	P) Detach & Attach Scope 20 Times						8/9/91	KR
640	Gallery Target & Test						8-13-91	AC
	A) Time						8-13-91	AC
	B) Malfunctions						8-13-91	AC
	C) Pierced Primers						8-13-91	AC
	D) Optical Clarity of Scope						8-13-91	AC
645	Inspect for Live Ammo						8-13-91	AC
655	Final Inspection							
	A) Headspace						8-14-91	D/H
	B) Trigger Pull	2.62	2.62	2.67	2.44	2.60	8-14-91	JL
	C) Function						8-14-91	D/H
660	Pack						8-17-91	D/H

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

SERIAL NO. C-6636213DATE 8-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.36	2.30	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.32	2.36	2.62	
PULL #3	2.30	2.31	2.25	2.67	
PULL #4	2.35	2.20	2.34	2.44	
PULL #5	2.44	2.29	2.30	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.30		
PULL #2	3.40	3.35		
PULL #3	3.37	3.34		
PULL #4	3.37	3.41		
PULL #5	3.20	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.36		4.37
PULL #2	4.30	4.30		4.28
PULL #3	4.34	4.27		4.36
PULL #4	4.31	4.30		4.33
PULL #5	4.17	4.30		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C5636213
22 Aug 1991

CENTROIDAL DISTANCES

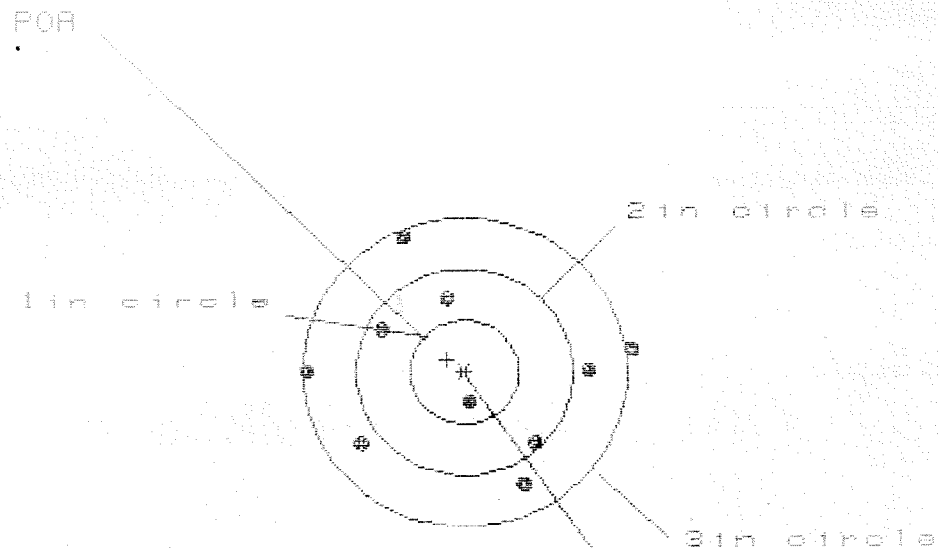
0 TO	1	.197041
1 TO	2	.432823
1 TO	3	.13808
1 TO	4	.0661891
1 TO	5	.284417

etc ² <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1666
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0588
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .176672
THE AMP FOR THIS RIFLE IS: .922

22 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/08836213

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 3.0000

VS = 2.4000

GS = 3.0003

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.563	1.300	1.258
MINIMUM X	-1.437	-1.264	-1.306
MAXIMUM Y	1.358	1.379	1.893
MINIMUM Y	-1.050	-1.029	-1.856
CENTROID X	.160	-.013	.029
CENTROID Y	-.115	-.136	-.309
POA TO CENTROID in.	.197	.137	.310
MIN RADIUS	.313	.335	.171
MEAN RADIUS	1.071	1.004	.928
MAX RADIUS	1.574	1.420	1.329
HORIZONTAL SPREAD	3.000	2.564	2.564
VERTICAL SPREAD	2.400	2.400	1.749
EXTREME SPREAD	3.003	2.624	2.565
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06536213

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.663

VS= 1.975

GS= 2.839

CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.113	.628
MINIMUM X	-1.395	-.876	-.736
MAXIMUM Y	.888	.791	.670
MINIMUM Y	-1.087	-.988	-.889
CENTROID X	.310	.465	.326
CENTROID Y	.291	.192	.093
POB TO CENTROID in.	.425	.503	.339
MIN RADIUS	.143	.129	.272
MEAN RADIUS	.757	.670	.583
MAX RADIUS	1.654	1.366	1.089
HORIZONTAL SPREAD	2.663	1.989	1.365
VERTICAL SPREAD	1.975	1.779	1.559
EXTREME SPREAD	2.839	2.045	1.888
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8635213

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.714

VS= 2.142

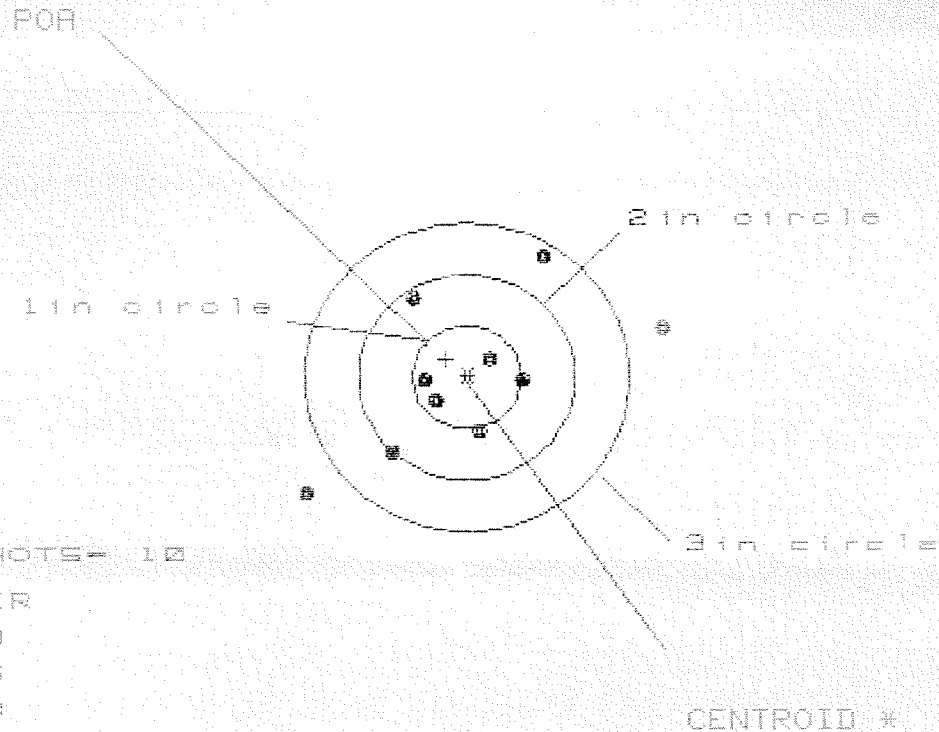
CS= 2.718

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.654
MINIMUM X	-1.060
MAXIMUM Y	.824
MINIMUM Y	-1.318
CENTROID X	.295
CENTROID Y	-.144
POA TO CENTROID in.	.328
MIN RADIUS	.327
MEAN RADIUS	.925
MAX RADIUS	1.655
HORIZONTAL SPREAD	2.714
VERTICAL SPREAD	2.142
EXTREME SPREAD	2.718
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

22 Aug 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS = 3.252

VS = 2.295

GS = 3.637

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.775

1.610

.735

MINIMUM X

-1.487

-.877

-.676

MAXIMUM Y

1.170

1.045

1.090

MINIMUM Y

-1.125

-.852

-.807

CENTROID X

.190

.355

.154

CENTROID Y

-.174

-.049

-.094

POA TO CENTROID in.

.258

.358

.180

MIN RADIUS

.315

.108

.309

MEAN RADIUS

.913

.808

.681

MAX RADIUS

1.864

1.650

1.315

HORIZONTAL SPREAD

3.262

2.487

1.411

VERTICAL SPREAD

2.295

1.897

1.897

EXTREME SPREAD

3.637

2.766

2.364

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636213

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.842

VS= 1.929

GS= 2.982

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.493	1.069	.921
MINIMUM X	-1.349	-1.183	-.813
MAXIMUM Y	1.081	1.116	1.047
MINIMUM Y	-.848	-.813	-.882
CENTROID X	-.122	-.288	-.146
CENTROID Y	-.152	-.187	-.118
POA TO CENTROID in.	.195	.343	.193
MIN RADIUS	.113	.150	.142
MEAN RADIUS	.944	.875	.812
MAX RADIUS	1.526	1.410	1.325
HORIZONTAL SPREAD	2.842	2.252	1.734
VERTICAL SPREAD	1.929	1.929	1.929
EXTREME SPREAD	2.982	2.676	2.201
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		