

C6611432

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

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

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

SERIAL NO.
C6611432

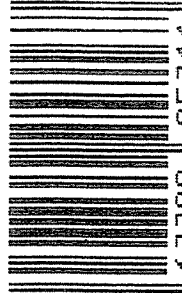
ORDER NO.
5716

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



5716 C6611432

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611432

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS.
617	Drill and Tap Sight Holes		APR 3 1991	EB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	1/4
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/91	JS

op. #	BARBER M24 0076773	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/11/91	JP
	G) Safety Off Force	3	3	3			5/11/91	JP
	H) Trigger Pull Test & Retainability						5/11/91	JP
	I) Firing Pin Indent	0215	022	022			5/11/91	JP
	J) Assemble Stock						5/14/91	KS
	K) Assemble Swivel Studs						5-20-91	K
	L) Attach Front and Rear Sight Assemblies						5/16/91	KS
	M) Iron Sight Alignment						5/16/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/14/91	KS
	O) Attach Scope to Rifle						5/14/91	KS
	P) Detach & Attach Scope 20 Times						5/14/91	KS
640	Gallery Target & Test						5-17-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-17-91	NF
655	Final Inspection							
	A) Headspace						5-20-91	K
	B) Trigger Pull	246	247	251	250	252	5/20/91	JP
	C) Function						5-20-91	K
660	Pack						6-17-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6661432

DATE 5/11/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.15	2.44	2.46	MIN. SETTING,
PULL #2	2.46	2.43	2.40	2.47	NO AVG. OF 5
PULL #3	2.44	2.43	2.42	2.51	READINGS ACCEPT-
PULL #4	2.42	2.34	2.44	2.50	ABLE LESS THAN 2#
PULL #5	2.21	2.42	2.46	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.30		
PULL #2	3.21	3.32		
PULL #3	3.48	3.39		
PULL #4	3.42	3.40		
PULL #5	3.56	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.37		4.36
PULL #2	4.12	4.40		4.40
PULL #3	4.34	4.36		4.40
PULL #4	4.32	4.37		4.19
PULL #5	4.35	4.40		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611432
17 May 1991

CENTROIDAL DISTANCES

0 TO	1	.116043
1 TO	2	.0811542
1 TO	3	.174614
1 TO	4	.175642
1 TO	5	.0693542

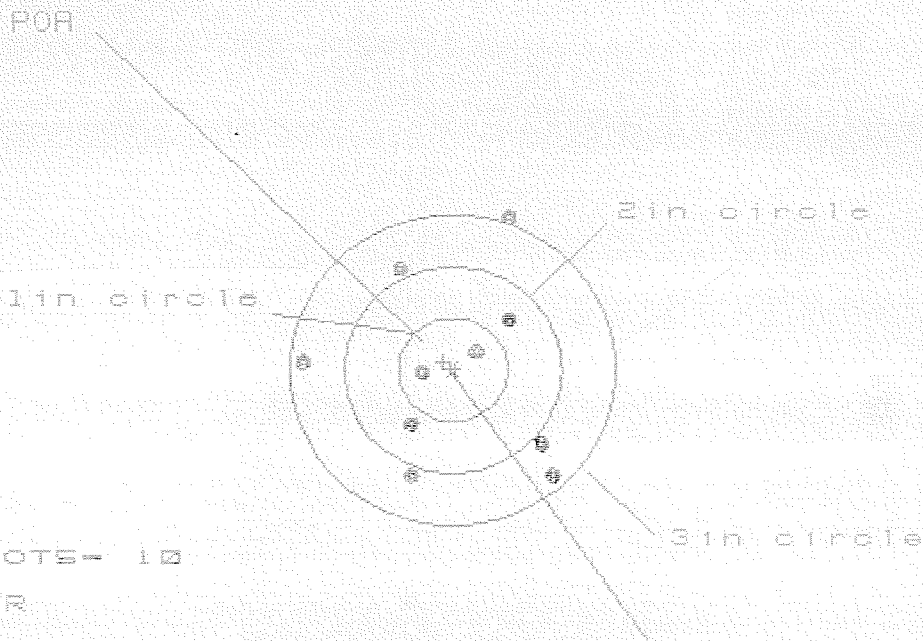
X----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0538
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .131691
THE RMR FOR THIS RIFLE IS: .0594

17 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C06511432

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.375

VS= 2.555

GS= 2.672

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.958	1.019	.858
MINIMUM X	-1.417	-1.356	-.595
MAXIMUM Y	1.521	1.164	1.189
MINIMUM Y	-1.034	-.865	-.840
CENTROID X	.085	.024	.193
CENTROID Y	-.079	-.248	-.273
POA TO CENTROID in.	.116	.249	.334
MIN RADIUS	.272	.288	.421
MEAN RADIUS	.959	.883	.823
MAX RADIUS	1.617	1.370	1.330
HORIZONTAL SPREAD	2.375	2.375	1.445
VERTICAL SPREAD	2.555	2.029	2.029
EXTREME SPREAD	2.672	2.602	2.491
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

17 May 1991

FILE: /PATTERNING/CENTERFIRE_PATT/CGS11432

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 1.727

VS= 3.052

GS= 3.124

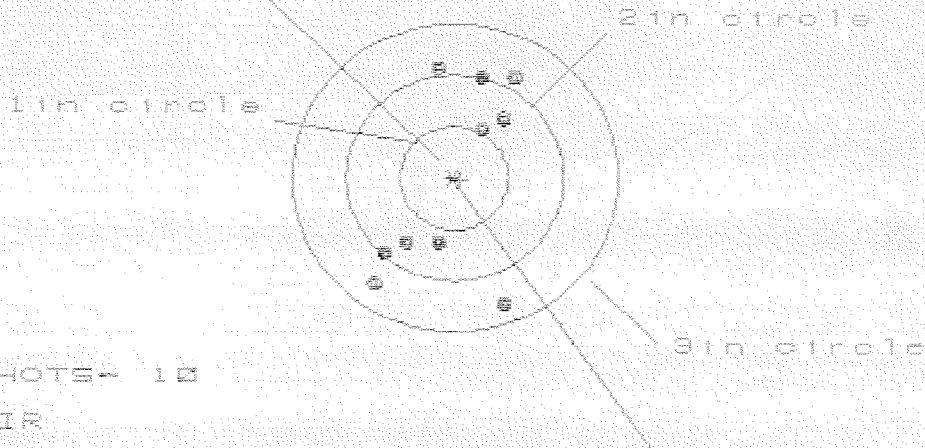
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.093	.789
MINIMUM X	-.585	-.634	-.497
MAXIMUM Y	.964	.731	.766
MINIMUM Y	-2.088	-.841	-.806
CENTROID X	.166	.215	.079
CENTROID Y	-.074	.158	.123
POA TO CENTROID in.	.182	.267	.146
MIN RADIUS	.274	.182	.171
MEAN RADIUS	.806	.622	.520
MAX RADIUS	2.134	1.127	1.128
HORIZONTAL SPREAD	1.727	1.727	1.287
VERTICAL SPREAD	3.052	1.572	1.572
EXTREME SPREAD	3.124	1.733	1.642
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

17 May 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

CENTROID #

HS= 1.267

VS= 2.308

GS= 2.373

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.549	.596	.512
MINIMUM X	-.718	-.671	-.651
MAXIMUM Y	1.117	.985	.845
MINIMUM Y	-1.191	-1.122	-.988
CENTROID X	-.056	-.103	-.019
CENTROID Y	.024	.156	.296
POA TO CENTROID in.	.061	.187	.297
MIN RADIUS	.549	.473	.317
MEAN RADIUS	.936	.889	.802
MAX RADIUS	1.264	1.308	1.184
HORIZONTAL SPREAD	1.267	1.267	1.163
VERTICAL SPREAD	2.308	2.107	1.833
EXTREME SPREAD	2.373	2.328	2.035
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

17 May 1991

FILE: \PATTERNING\CENTERFIRE_PATT\CG611432

CENTERFIRE PATTERNS # 4

POR

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.481

VS= 1.663

GS= 2.823

CENTROID *

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.528	1.049	.951
MINIMUM X	-.953	-.783	-.628
MAXIMUM Y	.626	.510	.534
MINIMUM Y	-1.037	-.612	-.588
CENTROID X	.260	.090	.188
CENTROID Y	-.094	.022	-.002
POR TO CENTROID in.	.276	.093	.188
MIN RADIUS	.163	.218	.171
MEAN RADIUS	.707	.549	.513
MAX RADIUS	1.847	1.081	.980
HORIZONTAL SPREAD	2.481	1.832	1.579
VERTICAL SPREAD	1.663	1.122	1.122
EXTREME SPREAD	2.823	1.888	1.605
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

17 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6611432

CENTERFIRE PATTERNS # 5

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.342

VS = 2.376

GS = 2.760

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.176	.962	.996
MINIMUM X	-1.166	-1.035	-1.000
MAXIMUM Y	1.268	1.144	1.063
MINIMUM Y	-1.108	-.860	-.717
CENTROID X	.146	.015	-.020
CENTROID Y	-.046	.078	-.065
POB TO CENTROID in.	.153	.079	.068
MIN RADIUS	.251	.427	.401
MEAN RADIUS	.089	.007	.749
MAX RADIUS	1.616	1.177	1.131
HORIZONTAL SPREAD	2.342	1.997	1.997
VERTICAL SPREAD	2.376	2.004	1.779
EXTREME SPREAD	2.760	2.045	1.999
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		