

C6636075

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Chamberlain

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

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

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

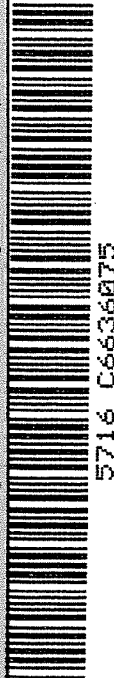
MODEL 700™ H24

SERIAL NO.
C6636075

ORDER NO.
5716

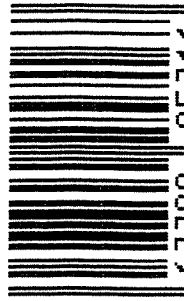
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

Ø6



5716 C6636075

UPC



0 47700 25716 7

Cracked Stock

Repaired 6/13/91 RW

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636075

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/9/91	KS
600	Proof		4/9/91	KS
607	Check Headspace		4/9/91	KS
610	Dis-assemble Gun		4/9/91	KS
612	Magnaflux Barrel Action		4/10/91	KR
	Magnaflux Bolt		4/10/91	ir
615	Rollmark Caliber		4/10/91	GLJ
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/28/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/28/91	KS
	C) Inspect Ejector Hole for Chamfer		5/28/91	KS
	D) Oil Firing Pin Ass'y		5/28/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/30/91	TH

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-30-91	JK
	G) Safety Off Force	3	3	3			5-30-91	JK
	H) Trigger Pull Test & Retainability						5/30/91	JK
	I) Firing Pin Indent	.022	.022	.022			5/30/91	JK
	J) Assemble Stock						6/4/91	KS
	K) Assemble Swivel Studs						6-8-91	JK
	L) Attach Front and Rear Sight Assemblies						6/4/91	KS
	M) Iron Sight Alignment						6/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/4/91	KS
	O) Attach Scope to Rifle						6/4/91	KS
	P) Detach & Attach Scope 20 Times						6/4/91	KS
640	Gallery Target & Test						6/15/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						6/15/91	KT
655	Final Inspection							
	A) Headspace						6-8-91	JK
	B) Trigger Pull	2.67	2.61	2.67	2.60	2.69	6-8-91	JK
	C) Function						6-8-91	JK
660	Pack						6-20-91	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636075DATE 5/30/91TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.46	2.41	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.20	2.47	2.61	
PULL #3	2.36	2.42	2.44	2.67	
PULL #4	2.35	2.38	2.43	2.60	
PULL #5	2.31	2.44	2.48	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.23		
PULL #2	3.39	3.64		
PULL #3	3.24	3.45		
PULL #4	3.44	3.26		
PULL #5	3.49	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.57	4.53		4.41
PULL #2	4.51	4.69		4.33
PULL #3	4.43	4.62		4.20
PULL #4	4.66	4.49		4.32
PULL #5	4.54	4.40		4.21
TOTAL				
AVG.				

0037411
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636075
5 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.375666
1 TO	2	.336507
1 TO	3	.203789
1 TO	4	.222272
1 TO	5	.414363

 ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1286
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.085
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154152

THE AMR FOR THIS RIFLE IS: 1.071

.001

FILE:/PATTERNING/CENTERFIRE_PATT/06035073

CENTERFIRE PATTERNS # 1

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

CENTROID 2

ASF = 2.006

VEF = 1.673

ESF = 3.005

PATTERN #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.500	.978	.835
MINIMUM X	-1.306	-1.139	-1.097
MAXIMUM Y	1.012	.941	.869
MINIMUM Y	-.661	-.732	-.804
CENTROID X	-.043	-.210	-.067
CENTROID Y	.087	.158	.230
POB TO CENTROID IN.	.097	.262	.240
MIN RADIUS	.152	.182	.172
MEAN RADIUS	.817	.745	.654
MAX RADIUS	1.628	1.277	1.238
HORIZONTAL SPREAD	2.006	2.117	1.932
VERTICAL SPREAD	1.673	1.673	1.673
EXTREME SPREAD	3.005	2.445	2.445
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

JUN 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06833625

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

ME = 3.977

VE = 3.181

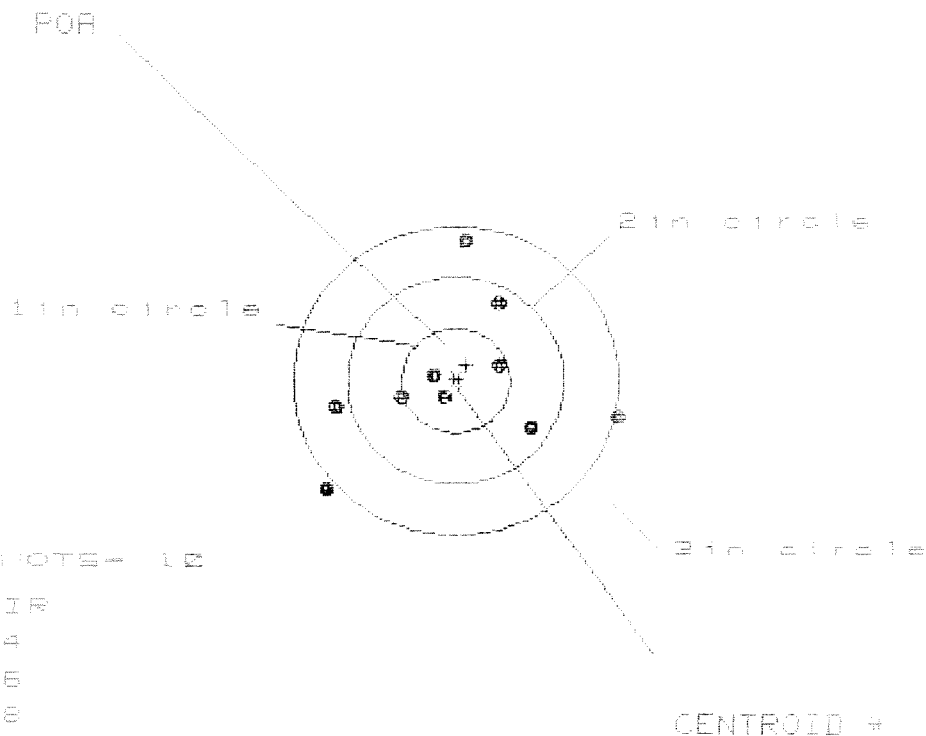
GS = 4.044

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.963	1.814	1.543
MINIMUM X	-2.014	-2.163	-1.308
MAXIMUM Y	.785	.519	.513
MINIMUM Y	-2.396	-1.582	-1.588
CENTROID X	-.076	.073	.344
CENTROID Y	-.156	.110	.116
POR TO CENTROID IN.	.173	.133	.363
MIN RADIUS	.299	.164	.203
MEAN RADIUS	1.209	.957	.799
MAX RADIUS	2.747	2.164	1.580
HORIZONTAL SPREAD	3.977	3.977	2.851
VERTICAL SPREAD	3.181	1.101	1.101
EXTREME SPREAD	4.044	3.987	2.874
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636025

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 2.656

VS= 2.422

GS= 2.749

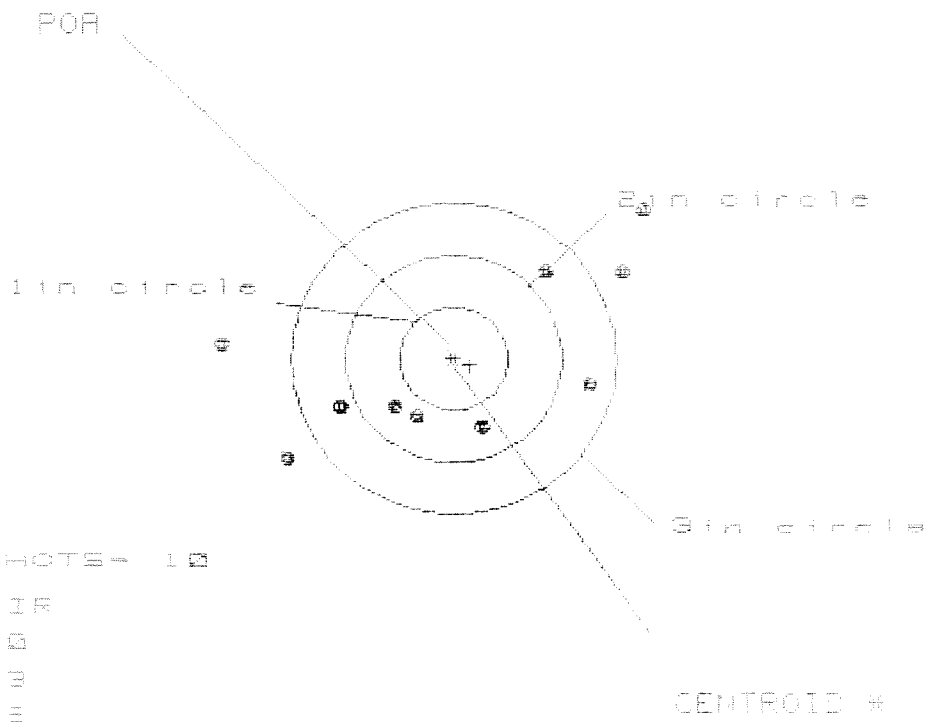
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.464	1.331	.751
MINIMUM X	-1.192	-1.239	-1.073
MAXIMUM Y	1.378	1.262	1.206
MINIMUM Y	-1.044	-.562	-.618
CENTROID X	-.097	.036	-.136
CENTROID Y	-.156	-.040	.016
FOR TO CENTROID in.	.184	.054	.131
MIN RADIUS	.185	.277	.193
MEAN RADIUS	.864	.789	.696
MAX RADIUS	1.585	1.405	1.214
HORIZONTAL SPREAD	2.656	2.570	1.924
VERTICAL SPREAD	2.422	1.824	1.824
EXTREME SPREAD	2.749	2.571	2.033
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06836075

CENTERFIRE PATTERNS # 4



* CF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS = 3.880

VS = 2.333

GS = 4.075

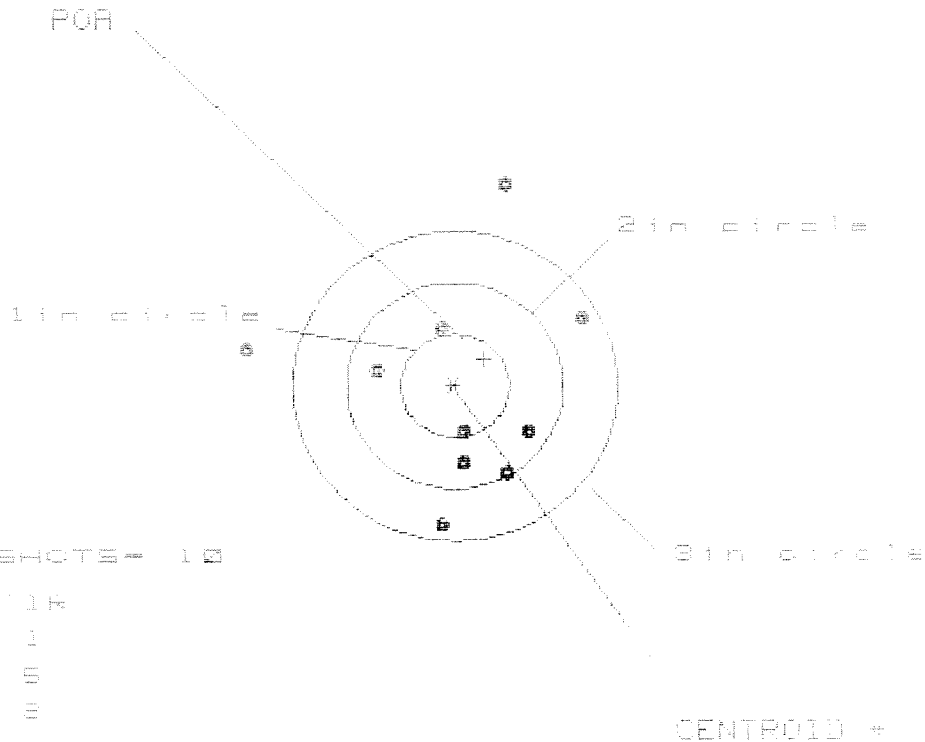
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.704	1.733	1.435
MINIMUM X	-2.176	-1.987	-1.650
MAXIMUM Y	1.413	1.035	1.076
MINIMUM Y	-1.920	-1.763	-1.723
CENTROID X	-1.153	-1.342	-1.094
CENTROID Y	.057	-.100	-.140
POA TO CENTROID in.	.163	.356	.169
MIN RADIUS	.701	.456	.498
MEAN RADIUS	1.377	1.200	1.130
MAX RADIUS	2.213	2.019	1.833
HORIZONTAL SPREAD	3.880	3.720	3.135
VERTICAL SPREAD	2.333	1.798	1.798
EXTREME SPREAD	4.075	3.787	3.014
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

5 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636075

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

CE= 3.178

CS= 3.241

CS= 3.361

CENTROID +

PATTERN #

5

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.262	1.023
MINIMUM X	-1.970	-1.916	-0.882
MAXIMUM Y	1.948	1.870	1.943
MINIMUM Y	-1.293	-1.077	-1.084
CENTROID X	-0.274	-0.328	-0.089
CENTROID Y	-0.257	-0.473	-0.546
POA TO CENTROID in.	0.376	0.576	0.553
MIN RADIUS	0.456	0.255	0.221
MEAN RADIUS	1.089	0.941	0.764
MAX RADIUS	2.088	2.092	1.001
HORIZONTAL SPREAD	3.178	3.178	1.905
VERTICAL SPREAD	3.241	1.947	1.947
EXTREME SPREAD	3.361	3.191	2.369
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	