

C6611773

MODEL 700TM M24

Model S&STM

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



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

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

MODEL 700™ H24

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

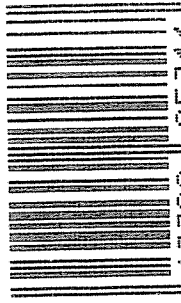
SERIAL NO.
 C6611773

ORDER NO.
 5716

20

5716 C6611773

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611773

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/24/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LL
617	Drill and Tap Sight Holes	2	2 9 1	KB
618	Polish Barrel <i>RobB</i>	2	2 9 1	wb
620	Apply Coatings (Barrel Action)		2-11-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	wb

op. #	BARBER - M24 0035697 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			3/7/91	WB
	G) Safety Off Force	2	2	2			3/7/91	WB
	H) Trigger Pull Test & Retainability						3/7/91	WB
	I) Firing Pin Indent	.021	.021	.021			3/7/91	WB
	J) Assemble Stock						3/7/91	KH
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/7/91	KH
	M) Iron Sight Alignment						3/7/91	KH
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	KH
	O) Attach Scope to Rifle						3/7/91	KH
	P) Detach & Attach Scope 20 Times						3/7/91	KH
640	Gallery Target & Test						3/8/91	KH
	A) Time						"	21
	B) Malfunctions						"	KS
	C) Pierced Primers						"	19
	D) Optical Clarity of Scope						"	12
645	Inspect for Live Ammo						3/8/91	KH
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.45	2.40	2.20	2.19	2.29	3/9/91	JL
	C) Function						3-11-91	DH
660	Pack						3-14-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C66/1773

DATE 3/7/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.44	2.34	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.47	2.34	2.40	
PULL #3	2.42	2.38	2.36	2.20	
PULL #4	2.45	2.44	2.20	2.19	
PULL #5	2.39	2.40	2.32	2.29	
TOTAL	1222	1213	1156		
AVG.	2.44	2.42	2.31		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.09		
PULL #2	3.04	3.12		
PULL #3	3.22	3.05		
PULL #4	3.15	3.11		
PULL #5	3.26	3.15		
TOTAL	15.94	15.52		
AVG.	3.19	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	3.80		4.14
PULL #2	4.04	3.95		4.11
PULL #3	4.00	3.95		4.01
PULL #4	4.03	3.98		4.04
PULL #5	4.00	3.95		4.01
TOTAL	20.14	19.63		20.31
AVG.	4.03	3.93		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611773
8 Mar 1991

CENTROIDAL DISTANCES

Ø TO	1	.130142
1 TO	2	.258791
1 TO	3	.123458
1 TO	4	.0643506
1 TO	5	.22707

2 <----POA

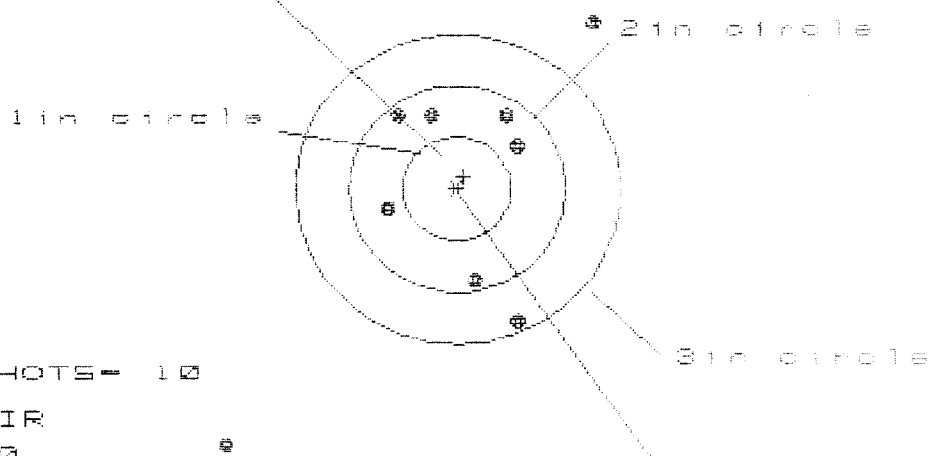
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0424
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .100212
THE AMR FOR THIS RIFLE IS: 1.086

8 Mar 1931

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11773

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS= 3.407

VS= 4.074

GS= 5.311

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.219	.976	.473
MINIMUM X	:	-2.188	-.859	-.737
MAXIMUM Y	:	1.579	1.302	.650
MINIMUM Y	:	-2.495	-1.580	-1.418
CENTROID X	:	-.059	.184	.062
CENTROID Y	:	-.116	.161	-.001
FOR TO CENTROID in.	:	.130	.245	.062
MIN RADIUS	:	.634	.376	.564
MEAN RADIUS	:	1.233	.913	.847
MAX RADIUS	:	3.319	1.627	1.494
HORIZONTAL SPREAD	:	3.407	1.835	1.210
VERTICAL SPREAD	:	4.074	2.882	2.068
EXTREME SPREAD	:	5.311	2.949	2.346
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	8	8	8

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611778

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 3

3in = 8

HS = 2.716

VS = 2.875

GS = 2.956

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.633	1.624	.968
MINIMUM X	:	-1.083	-1.092	-.889
MAXIMUM Y	:	1.154	.963	.949
MINIMUM Y	:	-1.721	-1.222	-1.236
CENTROID X	:	.074	.083	-.126
CENTROID Y	:	.106	.297	.311
POA TO CENTROID in.	:	.129	.308	.334
MIN RADIUS	:	.352	.207	.119
MEAN RADIUS	:	1.103	.983	.890
MAX RADIUS	:	1.723	1.639	1.523
HORIZONTAL SPREAD	:	2.716	2.716	1.857
VERTICAL SPREAD	:	2.875	2.185	2.185
EXTREME SPREAD	:	2.956	2.933	2.762
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611773

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.226

VS = 2.917

GS = 2.933

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.488	.511	.572
MINIMUM X	:	-.738	-.715	-.654
MAXIMUM Y	:	1.055	.848	.926
MINIMUM Y	:	-1.862	-.964	-.858
CENTROID X	:	.042	.018	-.042
CENTROID Y	:	-.187	.020	-.086
POA TO CENTROID in.	:	.192	.027	.096
MIN RADIUS	:	.396	.588	.526
MEAN RADIUS	:	.895	.778	.742
MAX RADIUS	:	1.874	.977	.949
HORIZONTAL SPREAD	:	1.226	1.226	1.226
VERTICAL SPREAD	:	2.917	1.812	1.784
EXTREME SPREAD	:	2.933	1.852	1.822
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611773

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 8

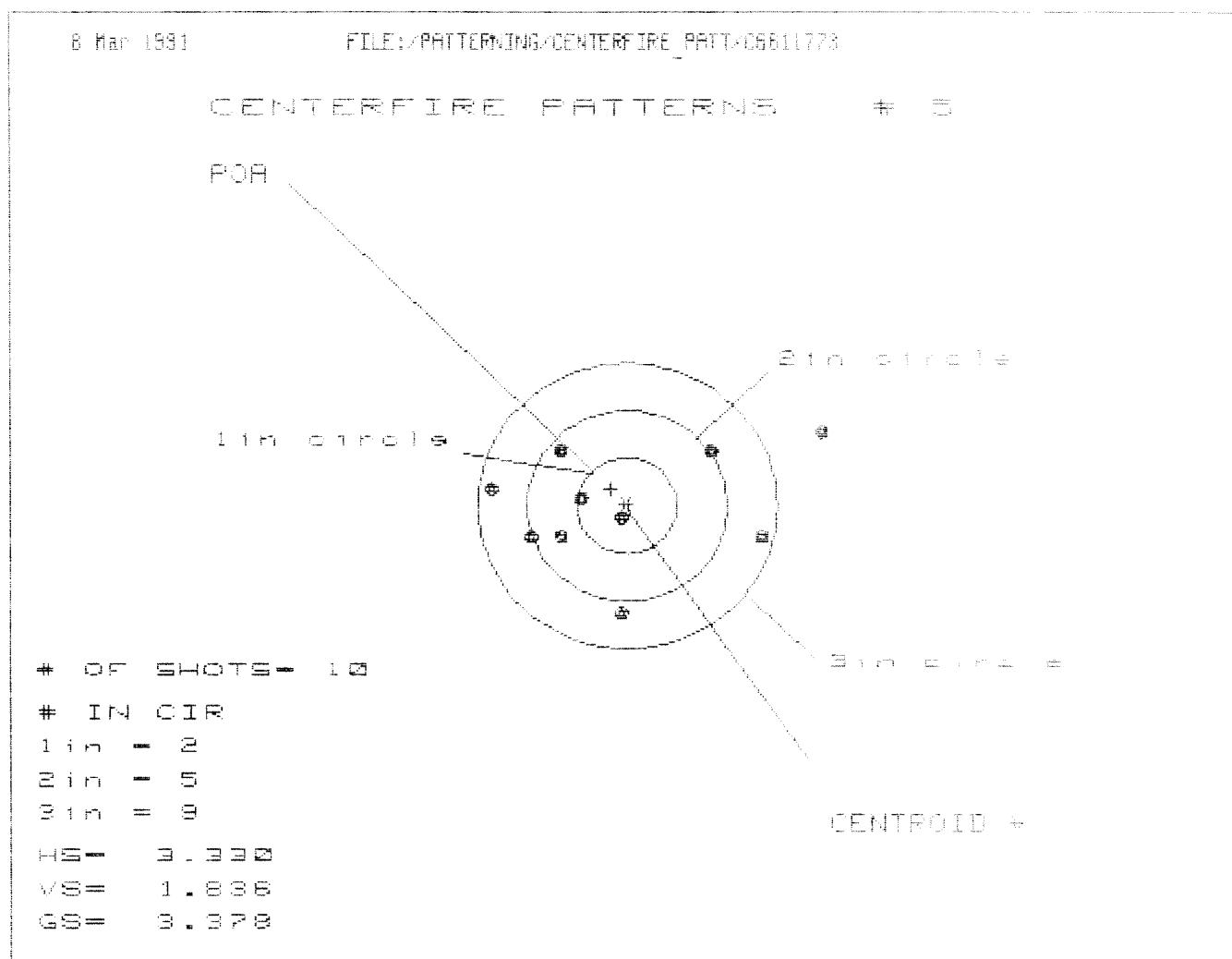
HS = 2.377

VS = 3.188

GS = 3.190

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.063	1.018	.950
MINIMUM X	:	-1.314	-1.359	-1.427
MAXIMUM Y	:	1.609	1.039	.864
MINIMUM Y	:	-1.579	-1.400	-1.229
CENTROID X	:	-.005	.040	.108
CENTROID Y	:	-.081	-.260	-.085
POR TO CENTROID in.	:	.091	.263	.137
MIN RADIUS	:	.897	.801	.806
MEAN RADIUS	:	1.184	1.123	1.047
MAX RADIUS	:	1.658	1.502	1.488
HORIZONTAL SPREAD	:	2.377	2.377	2.377
VERTICAL SPREAD	:	3.188	2.439	2.093
EXTREME SPREAD	:	3.190	2.579	2.456
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.987
MINIMUM X	-1.343
MAXIMUM Y	.726
MINIMUM Y	-1.110
CENTROID X	.160
CENTROID Y	-.176
FOR TO CENTROID in.	.238
MIN RADIUS	.118
MEAN RADIUS	1.014
MAX RADIUS	2.116
HORIZONTAL SPREAD	3.330
VERTICAL SPREAD	1.836
EXTREME SPREAD	3.378
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9