

05611474

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.

Remington

*Call
Remond*

Remington.



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

MODEL 700TM H24

SERIAL NO.
C6611474

ORDER NO.
5716

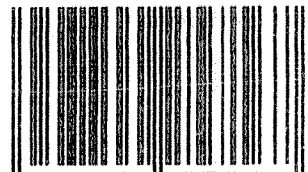
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

46



5716 C6611474

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400077580

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611474

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	LS
617	Drill and Tap Sight Holes	APR 3 1991	3 1991	FB
618	Polish Barrel	APR 3 1991	3 1991	WB
620	Apply Coatings (Barrel Action)		4-2-91	HA
	Apply Coating (Bolt)			HA
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/91	KS
	C) Inspect Ejector Hole for Chamfer		4/18/91	KS
	D) Oil Firing Pin Ass'y		4/18/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/19/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-19-91	DH
	G) Safety Off Force	3	3	3 3/4			4-19-91	DH
	H) Trigger Pull Test & Retainability						4/14/91	JD
	I) Firing Pin Indent	.022	.022	.022			4-19-91	DH
	J) Assemble Stock						4/22/91	KS
	K) Assemble Swivel Studs						5-2-91	DH
	L) Attach Front and Rear Sight Assemblies						4/22/91	KS
	M) Iron Sight Alignment						4/22/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/22/91	KS
	O) Attach Scope to Rifle						4/22/91	KS
	P) Detach & Attach Scope 20 Times						4/22/91	KS
640	Gallery Target & Test						4/23/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						4/23/91	KT
655	Final Inspection							
	A) Headspace						5-2-91	DH
	B) Trigger Pull	2.30	2.22	2.20	2.17	2.17	4/26/91	JD
	C) Function						5-2-91	DH
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611474

DATE 4/19/91

TESTER J. L. (u)

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.20	2.18	2.30	MIN. SETTING,
PULL #2	2.37	2.23	2.18	2.22	NO AVG. OF 5
PULL #3	2.22	2.26	2.20	2.20	READINGS ACCEPT-
PULL #4	2.44	2.37	2.22	2.17	ABLE LESS THAN 2#
PULL #5	2.51	2.19	2.31	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS	
PULL #1	3.55	3.55		
PULL #2	3.49	3.59		
PULL #3	3.43	3.56		
PULL #4	3.40	3.50		
PULL #5	3.52	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.40		4.26
PULL #2	4.11	4.42		4.17
PULL #3	4.38	4.36		4.19
PULL #4	4.36	4.27		4.20
PULL #5	4.51	4.13		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611474
23 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.104293
1 TO	2	.151924
1 TO	3	.179301
1 TO	4	.250354
1 TO	5	.177294

* <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0001
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0479
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS:

THE AMR FOR THIS RIFLE IS: .9876

23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611474

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.794

VS= 2.842

GS= 3.985

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.453	1.303	.900
MINIMUM X	:	-1.341	-.696	.523
MAXIMUM Y	:	1.263	1.088	1.062
MINIMUM Y	:	-1.579	-1.212	-1.076
CENTROID X	:	.059	.209	.046
CENTROID Y	:	.086	.261	.125
POA TO CENTROID in.	:	.104	.334	.133
MIN RADIUS	:	.313	.191	.317
MEAN RADIUS	:	.991	.838	.735
MAX RADIUS	:	2.072	1.698	1.253
HORIZONTAL SPREAD	:	2.794	1.999	1.433
VERTICAL SPREAD	:	2.842	2.300	2.138
EXTREME SPREAD	:	3.985	2.947	2.407
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

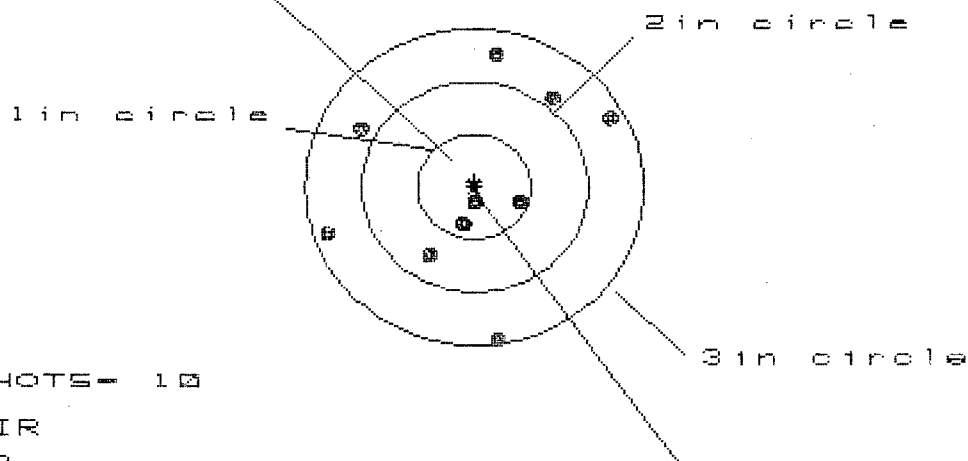
23 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611474

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.531

VS= 2.710

GS= 2.770

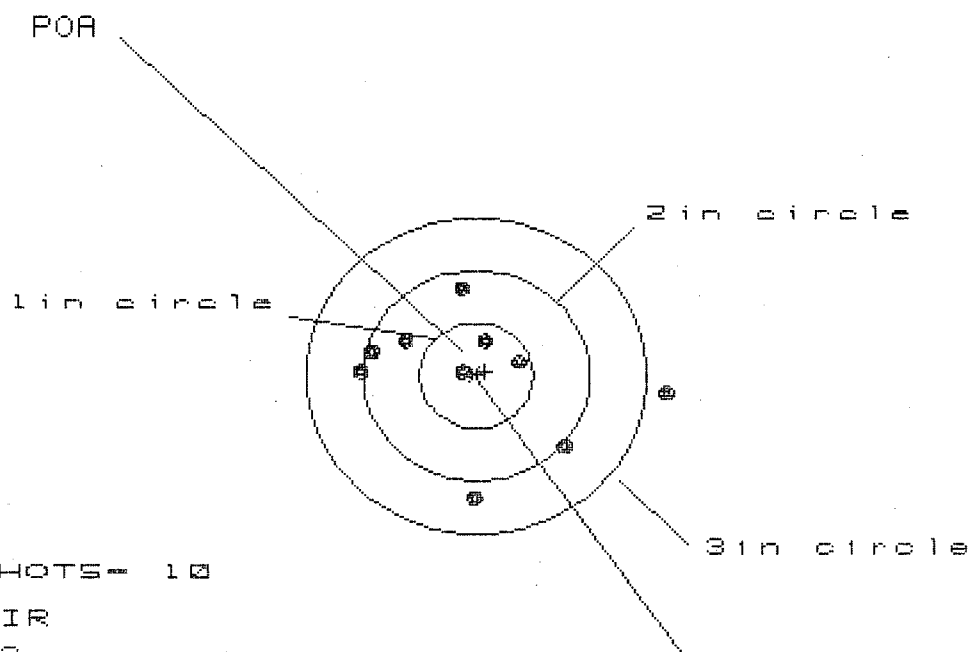
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.226	1.063
MINIMUM X	:	-1.328	-1.305	-1.164
MAXIMUM Y	:	1.218	1.052	.971
MINIMUM Y	:	-1.492	-.820	-.901
CENTROID X	:	-.000	-.023	.140
CENTROID Y	:	-.054	.112	.193
POA TO CENTROID in.	:	.054	.115	.239
MIN RADIUS	:	.120	.284	.368
MEAN RADIUS	:	.935	.897	.824
MAX RADIUS	:	1.506	1.457	1.195
HORIZONTAL SPREAD	:	2.531	2.531	2.227
VERTICAL SPREAD	:	2.710	1.872	1.872
EXTREME SPREAD	:	2.770	2.770	2.231
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

23 Apr 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.744

VS= 1.969

GS= 2.750

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.675	.918	.944
MINIMUM X	-1.069	-.883	-.857
MAXIMUM Y	.848	.829	.686
MINIMUM Y	-1.121	-1.140	-.875
CENTROID X	-.076	-.262	-.288
CENTROID Y	-.032	-.013	.130
POA TO CENTROID in.	.083	.263	.316
MIN RADIUS	.099	.122	.168
MEAN RADIUS	.822	.711	.627
MAX RADIUS	1.684	1.175	1.287
HORIZONTAL SPREAD	2.744	1.801	1.801
VERTICAL SPREAD	1.969	1.969	1.561
EXTREME SPREAD	2.750	1.978	1.940
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

23 Apr 1991

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.920

VS = 3.188

GS = 3.191

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.563	1.624	.504
MINIMUM X	:	-1.257	-1.296	-1.093
MAXIMUM Y	:	1.135	.907	.825
MINIMUM Y	:	-2.053	-1.370	-1.452
CENTROID X	:	-.030	.009	-.194
CENTROID Y	:	-.148	.080	.162
POA TO CENTROID in.	:	.151	.080	.252
MIN RADIUS	:	.181	.262	.458
MEAN RADIUS	:	1.114	.958	.849
MAX RADIUS	:	2.084	1.751	1.534
HORIZONTAL SPREAD	:	2.920	2.920	1.598
VERTICAL SPREAD	:	3.188	2.277	2.277
EXTREME SPREAD	:	3.191	2.938	2.343
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

23 Apr 1991

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.935

VS= 2.552

GS= 3.104

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.314	1.353	1.169
MINIMUM X	-1.621	-1.475	-1.692
MAXIMUM Y	1.345	1.211	1.156
MINIMUM Y	-1.206	-1.018	-1.073
CENTROID X	.016	-.130	.054
CENTROID Y	-.086	.048	.103
POA TO CENTROID in.	.088	.139	.116
MIN RADIUS	.336	.449	.363
MEAN RADIUS	1.076	1.004	.910
MAX RADIUS	1.784	1.539	1.221
HORIZONTAL SPREAD	2.935	2.828	1.861
VERTICAL SPREAD	2.552	2.229	2.229
EXTREME SPREAD	3.104	2.841	2.234
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		