

C6611531

MODEL 700™ M24

Model **S&S**

Action _____™

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.

Remington

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611531

DATE 2-20-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.29	2.66		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.64	2.41	2.67		
PULL #3	2.53	2.41	2.72		
PULL #4	2.63	2.43	2.80		
PULL #5	2.57	2.62	2.87		
TOTAL	12.88	11.97	13.72		
AVG.	2.57	2.39	2.74		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.25		
PULL #2	3.05	3.25		
PULL #3	3.37	3.27		
PULL #4	3.09	3.30		
PULL #5	3.14	3.25		
TOTAL	15.82	16.32		
AVG.	3.16	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.03		4.15
PULL #2	4.11	4.01		4.18
PULL #3	4.09	4.00		4.37
PULL #4	4.10	4.08		4.11
PULL #5	4.12	4.02		4.24
TOTAL	20.73	20.14		21.05
AVG.	4.14	4.02		4.21

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611531

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

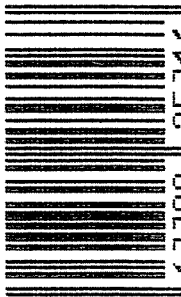
BARBER - M24 0078345								
op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8	8			2/27/96	WSB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			2/27/96	WSB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.44	2.38	2.41	2.38	2.45	2/27/96	WSB
	C) Function							
660	Pack							

Remington REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6611531
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6611531

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611531

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/1/91	KA
600	Proof		2/1/91	KA
607	Check Headspace		2/1/91	KA
610	Dis-assemble Gun		2/1/91	KA
612	Magnaflux Barrel Action	2 11 91		KA
	Magnaflux Bolt	2 11 91		KA
615	Rollmark Caliber	2 11 91		GS
617	Drill and Tap Sight Holes	2 13 91		KA
618	Polish Barrel RBB	2 13 91		KA
620	Apply Coatings (Barrel Action)		2/12/91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		3/20/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/91	KS
	C) Inspect Ejector Hole for Chamfer		3/20/91	KS
	D) Oil Firing Pin Ass'y		3/20/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		3/21/91	KA

op. #	BARBER, M24 0078348 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	74	4	4			3/22/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			3/22/91	WB
	H) Trigger Pull Test & Retainability						3/21/91	JH
	I) Firing Pin Indent	.020	.0205	.0205			3/22/91	WB
	J) Assemble Stock						3/24/91	KS
	K) Assemble Swivel Studs						4-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/22/91	KS
	M) Iron Sight Alignment						3/22/91	KS
	N) Detach Front & Rear Sights & place in numbered container						3/22/91	KS
	O) Attach Scope to Rifle						3/22/91	KS
	P) Detach & Attach Scope 20 Times						3/22/91	KS
640	Gallery Target & Test						4-3-91	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo							A
655	Final Inspection							
	A) Headspace						4-8-91	D/H
	B) Trigger Pull	2.56	2.58	2.60	2.65	2.66	4/5/91	JH
	C) Function						4-8-91	D/H
660	Pack						6-19-91	N

1.41

SMA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611531 250DATE 3-21-91 1000TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.50	2.40	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.42	2.35	2.58	
PULL #3	2.55	2.48	2.42	2.60	
PULL #4	2.53	2.45	2.48	2.65	
PULL #5	2.45	2.42	2.43	2.66	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.28		
PULL #2	3.29	3.35		
PULL #3	3.30	3.34		
PULL #4	3.32	3.38		
PULL #5	3.31	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	4.47	4.38		4.49
PULL #2	4.47	4.12		4.16
PULL #3	4.42	4.38		4.42
PULL #4	4.42	4.34		4.40
PULL #5	4.37	4.43		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611531
3 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.295237
1 TO	2	.606409
1 TO	3	.474499
1 TO	4	.424124
1 TO	5	.0566127

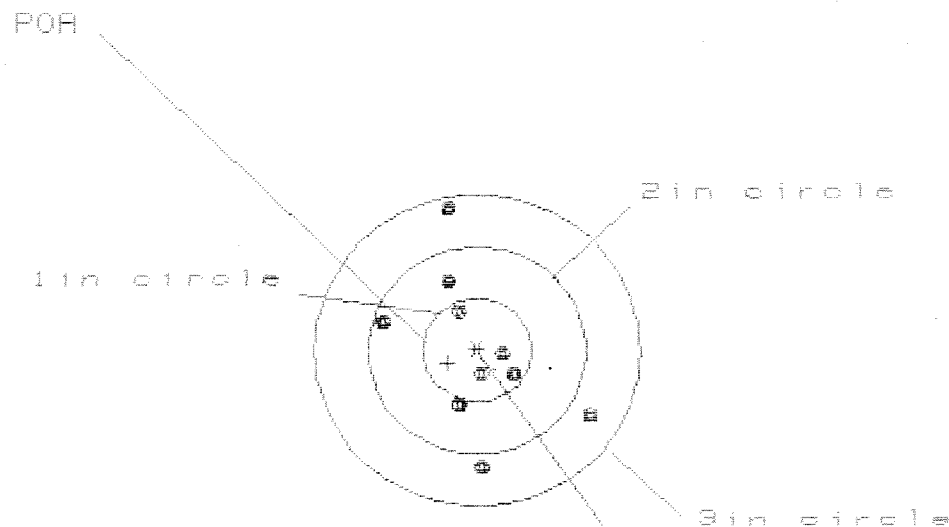
24.9 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0462
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0598
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0755677
THE AMR FOR THIS RIFLE IS: .87

3 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611531

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.913

VS= 2.501

GS= 2.517

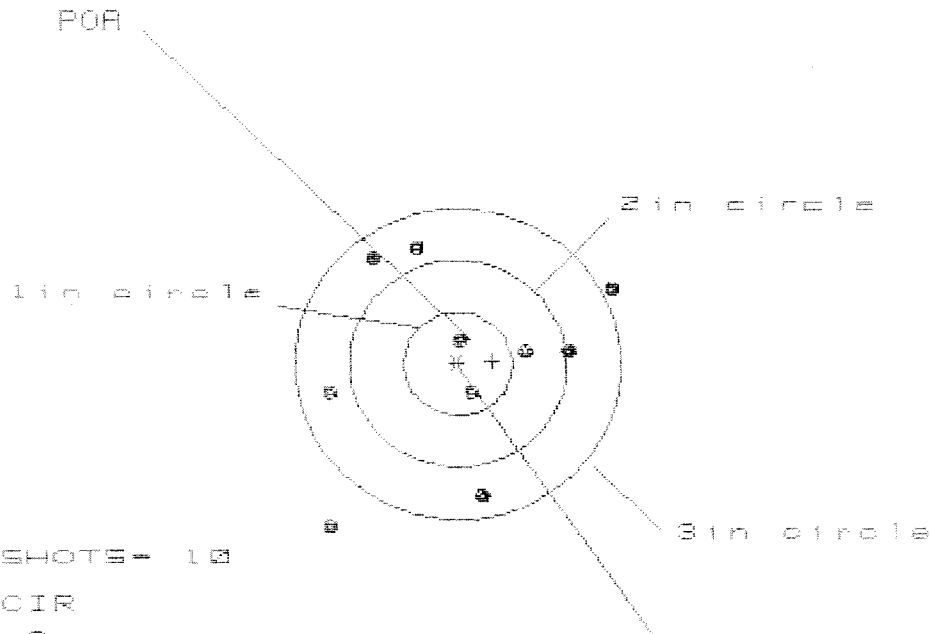
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.050	1.024	.416
MINIMUM X	-.863	-.889	-.761
MAXIMUM Y	1.403	.806	.745
MINIMUM Y	-1.098	-.942	-1.003
CENTROID X	.267	.293	.165
CENTROID Y	.126	-.030	.031
POA TO CENTROID in.	.296	.294	.167
MIN RADIUS	.186	.050	.186
MEAN RADIUS	.715	.613	.566
MAX RADIUS	1.421	1.133	1.015
HORIZONTAL SPREAD	1.913	1.913	1.177
VERTICAL SPREAD	2.501	1.748	1.748
EXTREME SPREAD	2.517	2.114	1.785
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

3 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611531

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

CENTROID #

HS = 2.525

VS = 2.661

GS = 3.470

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.461
MINIMUM X	-1.165
MAXIMUM Y	1.099
MINIMUM Y	-1.562
CENTROID X	-.319
CENTROID Y	-.030
POA TO CENTROID in.	.320
MIN RADIUS	.231
MEAN RADIUS	1.072
MAX RADIUS	1.933
HORIZONTAL SPREAD	2.626
VERTICAL SPREAD	2.661
EXTREME SPREAD	3.470
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

3 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611531

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.656

VS= 2.203

GS= 2.963

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.683	.695	.777
MINIMUM X	:	-.973	-.785	-.703
MAXIMUM Y	:	.917	.774	.868
MINIMUM Y	:	-1.286	-.586	-.492
CENTROID X	:	.097	-.091	-.173
CENTROID Y	:	-.317	-.174	-.268
POA TO CENTROID in.	:	.331	.196	.319
MIN RADIUS	:	.334	.476	.409
MEAN RADIUS	:	.871	.710	.654
MAX RADIUS	:	2.118	1.002	.920
HORIZONTAL SPREAD	:	2.656	1.480	1.480
VERTICAL SPREAD	:	2.203	1.360	1.360
EXTREME SPREAD	:	2.963	1.780	1.522
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511531

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 1.521

VS= 2.342

GS= 2.422

CENTROID #

PATTERN #	:	4	5	6
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.959	.577
MINIMUM X	:	-.598	-.662	-.542
MAXIMUM Y	:	.661	.475	.395
MINIMUM Y	:	-1.681	-.634	-.563
CENTROID X	:	-.048	.017	-.103
CENTROID Y	:	-.158	.028	.108
POA TO CENTROID (in.)	:	.165	.033	.149
MIN RADIUS	:	.311	.197	.072
MEAN RADIUS	:	.708	.552	.454
MAX RADIUS	:	1.777	1.150	.620
HORIZONTAL SPREAD	:	1.621	1.621	1.119
VERTICAL SPREAD	:	2.342	1.109	.958
EXTREME SPREAD	:	2.422	1.899	1.226
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611531

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.867

VS= 2.195

GS= 2.970

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.672	1.379	1.259
MINIMUM X	-1.195	-1.089	-1.129
MAXIMUM Y	.901	.898	.835
MINIMUM Y	-1.294	-1.297	-1.185
CENTROID X	.234	.048	.168
CENTROID Y	.088	.083	-.029
POR TO CENTROID in.	.247	.096	.171
MIN RADIUS	.253	.400	.244
MEAN RADIUS	.984	.911	.837
MAX RADIUS	1.672	1.486	1.424
HORIZONTAL SPREAD	2.867	2.388	2.388
VERTICAL SPREAD	2.195	2.195	2.020
EXTREME SPREAD	2.970	2.619	2.619
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	