

06611493

MODEL 700™ M24

Model **515**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611493DATE 7-19-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.77	2.34	2.54		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.24	2.30		
PULL #3	2.47	2.35	2.30		
PULL #4	2.48	2.18	2.48		
PULL #5	2.57	2.24	2.72		
TOTAL	12.54	11.35	12.34		
AVG.	2.50	2.27	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.00		
PULL #2	3.07	2.90		
PULL #3	3.11	2.84		
PULL #4	3.34	3.07		
PULL #5	3.11	3.00		
TOTAL	15.88	14.81		
AVG.	3.17	2.96		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.04		4.46
PULL #2	4.27	4.05		4.49
PULL #3	4.39	4.48		4.45
PULL #4	4.44	4.50		4.12
PULL #5	4.52	4.52		4.38
TOTAL	22.01	21.59		21.90
AVG.	4.40	4.31		4.38

op. #	BARBER M24 0077788	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6.5	6.5	6	8/2	SF
	G) Safety Off Force	3.5	5	4.5	8/2	SF
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.022	.021	.021	8/2	SF
	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	248	246	253	252	258 8/2 SF
	C) Function					
660	Pack					

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611493

DATE 5/14/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.29	2.33	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.32	2.28	2.16	
PULL #3	2.19	2.37	2.30	2.18	
PULL #4	2.37	2.30	2.36	2.18	
PULL #5	2.28	2.31	2.38	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.49		
PULL #2	3.30	3.54		
PULL #3	3.56	3.62		
PULL #4	3.54	3.59		
PULL #5	3.39	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	4.23	4.50		4.49
PULL #2	4.21	4.42		4.52
PULL #3	4.16	4.53		4.54
PULL #4	4.49	4.50		4.50
PULL #5	4.57	4.53		4.48
TOTAL				
AVG.				

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611493

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		RW
600	Proof	3 25 91		RW
607	Check Headspace	3 25 91		RW
610	Dis-assemble Gun	3 25 91		RW
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		K
615	Rollmark Caliber	3 28 91		LS
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)			TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-14-91	JA

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-14-91	SL
	G) Safety Off Force	4	4	4			5-14-91	SL
	H) Trigger Pull Test & Retainability						5-14-91	SL
	I) Firing Pin Indent	10205	1021	1021			5-14-91	SL
	J) Assemble Stock						5/16/91	RW
	K) Assemble Swivel Studs						5-20-91	A
	L) Attach Front and Rear Sight Assemblies						5/16/91	RW
	M) Iron Sight Alignment						5/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/16/91	RW
	O) Attach Scope to Rifle						5/16/91	RW
	P) Detach & Attach Scope 20 Times						5/16/91	RW
640	Gallery Target & Test						5-16-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-16-91	AF
655	Final Inspection							
	A) Headspace						5-20-91	A
	B) Trigger Pull	2.15	2.16	2.18	2.18	2.19	5/24/91	SL
	C) Function						5-20-91	A
660	Pack						6-17-91	AF

Remington®

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

DU PONT

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

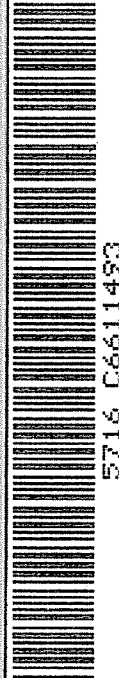
MODEL 700™ H24

SERIAL NO.
C6611493

ORDER NO.
5716

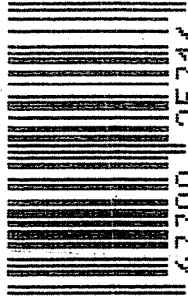
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5716 C6611493

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611493
16 May 1991

CENTROIDAL DISTANCES

0 TO	1	.115521
1 TO	2	.261926
1 TO	3	.145825
1 TO	4	.0870919
1 TO	5	.108208

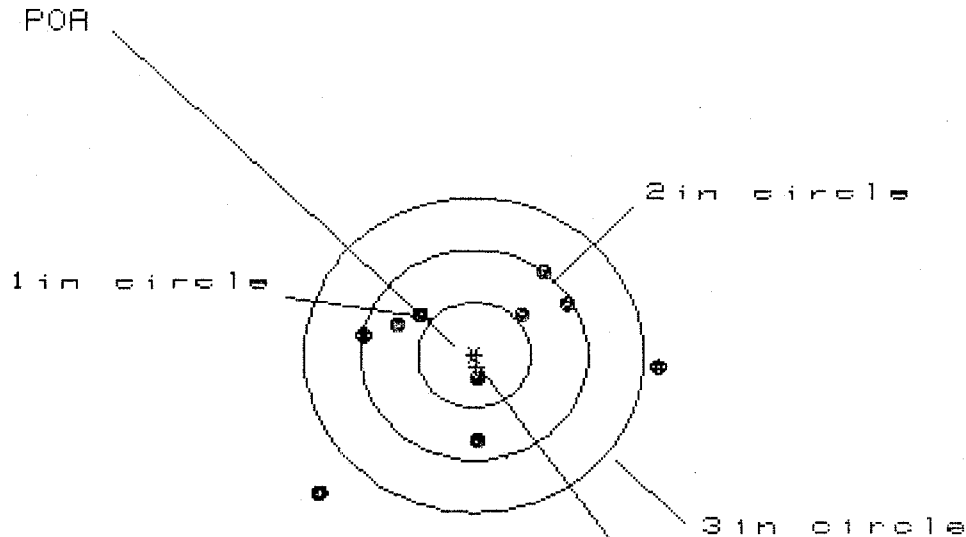
29 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.073
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0504
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0387023
THE AMR FOR THIS RIFLE IS: 1.045

16 May 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 8

3 in = 8

HS = 2.972

VS = 2.074

GS = 3.208

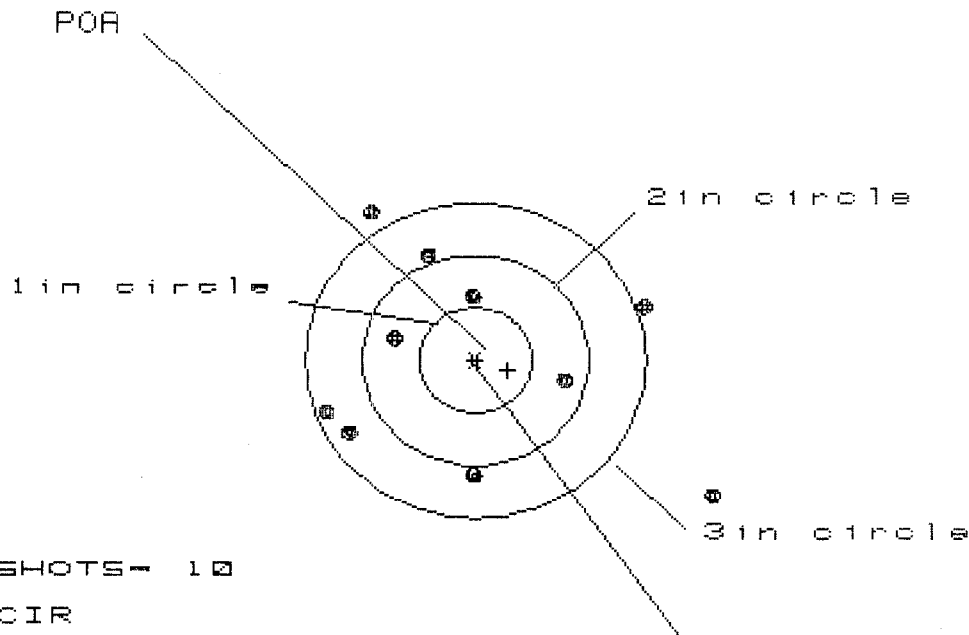
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.639	1.491	.812
MINIMUM X	:	-1.333	-1.099	-.913
MAXIMUM Y	:	.755	.609	.577
MINIMUM Y	:	-1.319	-.936	-.968
CENTROID X	:	-.024	.124	-.062
CENTROID Y	:	.113	.259	.291
POA TO CENTROID in.	:	.115	.287	.298
MIN RADIUS	:	.213	.321	.396
MEAN RADIUS	:	.927	.806	.704
MAX RADIUS	:	1.875	1.513	.971
HORIZONTAL SPREAD	:	2.972	2.590	1.725
VERTICAL SPREAD	:	2.074	1.545	1.545
EXTREME SPREAD	:	3.208	2.604	1.751
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	8		

16 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 3.444

VS = 2.688

GS = 4.036

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.130	1.753	1.673
MINIMUM X	:	-1.314	-1.077	-1.157
MAXIMUM Y	:	1.415	1.274	1.058
MINIMUM Y	:	-1.273	-1.270	-1.111
CENTROID X	:	-.285	-.522	-.441
CENTROID Y	:	.091	.232	.073
POA TO CENTROID in.	:	.299	.571	.447
MIN RADIUS	:	.564	.460	.590
MEAN RADIUS	:	1.282	1.100	1.067
MAX RADIUS	:	2.482	1.801	1.768
HORIZONTAL SPREAD	:	3.444	2.830	2.830
VERTICAL SPREAD	:	2.688	2.544	2.169
EXTREME SPREAD	:	4.036	3.007	3.007
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.316

VS= 2.572

GS= 2.920

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.149	1.185
MINIMUM X	:	-1.058	-1.167	-1.131
MAXIMUM Y	:	1.147	1.027	.865
MINIMUM Y	:	-1.425	-1.298	-1.349
CENTROID X	:	.044	.153	.117
CENTROID Y	:	-.016	-.143	.019
POA TO CENTROID in.	:	.047	.210	.119
MIN RADIUS	:	.266	.225	.190
MEAN RADIUS	:	1.092	1.043	.980
MAX RADIUS	:	1.510	1.522	1.389
HORIZONTAL SPREAD	:	2.316	2.316	2.316
VERTICAL SPREAD	:	2.572	2.325	2.214
EXTREME SPREAD	:	2.920	2.721	2.677
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.663

VS= 1.774

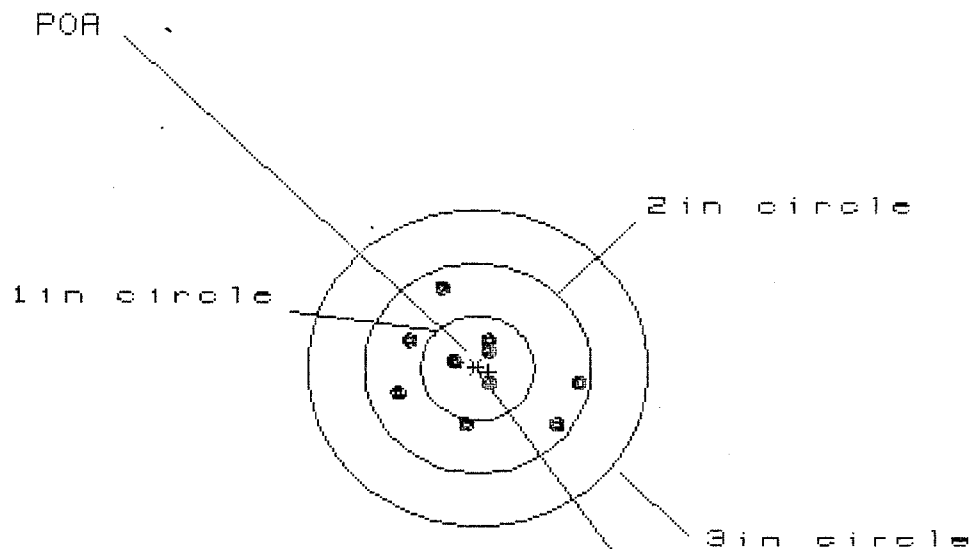
GS= 2.762

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.280	1.127	1.214
MINIMUM X	:	-1.383	-1.214	-1.127
MAXIMUM Y	:	.712	.775	.650
MINIMUM Y	:	-1.062	-.999	-.452
CENTROID X	:	-.001	.153	.066
CENTROID Y	:	.029	-.034	.091
POA TO CENTROID in.	:	.029	.157	.112
MIN RADIUS	:	.398	.557	.416
MEAN RADIUS	:	1.001	.947	.893
MAX RADIUS	:	1.493	1.257	1.214
HORIZONTAL SPREAD	:	2.663	2.341	2.341
VERTICAL SPREAD	:	1.774	1.774	1.102
EXTREME SPREAD	:	2.762	2.424	2.381
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 10

3 in = 10

HS= 1.605

VS= 1.265

GS= 1.657

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.909	.822	.314
MINIMUM X	:	-.696	-.595	-.493
MAXIMUM Y	:	.748	.730	.663
MINIMUM Y	:	-.517	-.535	-.571
CENTROID X	:	-.099	-.200	-.302
CENTROID Y	:	.035	.053	.120
POA TO CENTROID in.	:	.105	.206	.325
MIN RADIUS	:	.151	.093	.032
MEAN RADIUS	:	.535	.486	.420
MAX RADIUS	:	.923	.980	.679
HORIZONTAL SPREAD	:	1.605	1.417	.807
VERTICAL SPREAD	:	1.265	1.265	1.234
EXTREME SPREAD	:	1.657	1.657	1.255
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	