

C6611685

MODEL 700™ M24

Model **SMS**™

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 700TM H24

SERIAL NO.
C6611685

ORDER NO.
5716

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

20


5716 C6611685

UPC


0 47700 25716 7

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611685DATE 10-26-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.35	2.41		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.40	2.35		
PULL #3	2.33	2.31	2.35		
PULL #4	2.33	2.32	2.40		
PULL #5	2.26	2.30	2.36		
TOTAL	11.83	11.68	11.87		
AVG.	2.36	2.33	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.03		
PULL #2	3.16	3.09		
PULL #3	2.94	2.90		
PULL #4	3.13	3.12		
PULL #5	3.08	3.11		
TOTAL	15.40	15.25		
AVG.	3.08	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.06	4.21	
PULL #2	4.10	4.08	4.11	
PULL #3	4.18	4.11	4.36	
PULL #4	4.16	4.16	4.32	
PULL #5	4.17	4.05	4.35	
TOTAL	20.72	20.46	21.35	
AVG.	4.14	4.09	4.27	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611685

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 3/4	5 1/2			11/29	LOB
	G) Safety Off Force	3	3	3			11/29	LOB
	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	2.60	2.51	2.47	2.56	2.54	11/29	LOB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611685

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/15/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11-	K-R
615	Rollmark Caliber		3/27/91	28
617	Drill and Tap Sight Holes		APR 3 1991	12/3
618	Polish Barrel		APR 3 1991	12/3
620	Apply Coatings (Barrel Action)		4-18-91	12/3
	Apply Coating (Bolt)			
625	Final Assembly		5/2/91	KS
	A) Clean inside of Bolt Assembly		5/2/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	KS
	C) Inspect Ejector Hole for Chamfer		5/2/91	KS
	D) Oil Firing Pin Ass'y		5/2/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-9-91	12/4

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-9-91	AK
	G) Safety Off Force	4	4	4			5-9-91	AK
	H) Trigger Pull Test & Retainability						5-9-91	D/H
	I) Firing Pin Indent	.021	.022	.021			5-9-91	AC
	J) Assemble Stock						5-9-91	KS
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5-9-91	KS
	M) Iron Sight Alignment						5-9-91	KS
	N) Detach Front & Rear Sights & place in numbered container						5-9-91	KS
	O) Attach Scope to Rifle						5-9-91	KS
	P) Detach & Attach Scope 20 Times						5-9-91	KS
640	Gallery Target & Test						5-13-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-13-91	NF
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	2.47	2.45	2.60	2.63	2.65	5/20/91	JP
	C) Function						5-21-91	D/H
660	Pack						6-17-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 56611685DATE 5-9-81TESTER R.H. HET

DESCRIPTION

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.32	2.60	2.47	MIN. SETTING,
PULL #2	2.42	2.78	2.67	2.45	ING AVG. OF 5
PULL #3	2.47	2.69	2.65	2.60	READINGS ACCEPT-
PULL #4	2.46	2.67	2.59	2.63	ABLE LESS THAN 2#
PULL #5	2.32	2.77	2.69	2.63	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.19	3.01			
PULL #2	3.25	3.28			
PULL #3	3.03	2.77			
PULL #4	3.22	3.19			
PULL #5	3.20	3.11			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.32		4.01
PULL #2	4.47	4.19		4.03
PULL #3	4.43	4.21		3.94
PULL #4	4.44	4.23		4.00
PULL #5	4.31	4.29		4.15
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06611685
 13 May 1991

CENTROIDAL DISTANCES

0 TO	1	.478266
1 TO	2	.681385
1 TO	3	.524307
1 TO	4	.968062
1 TO	5	.479051

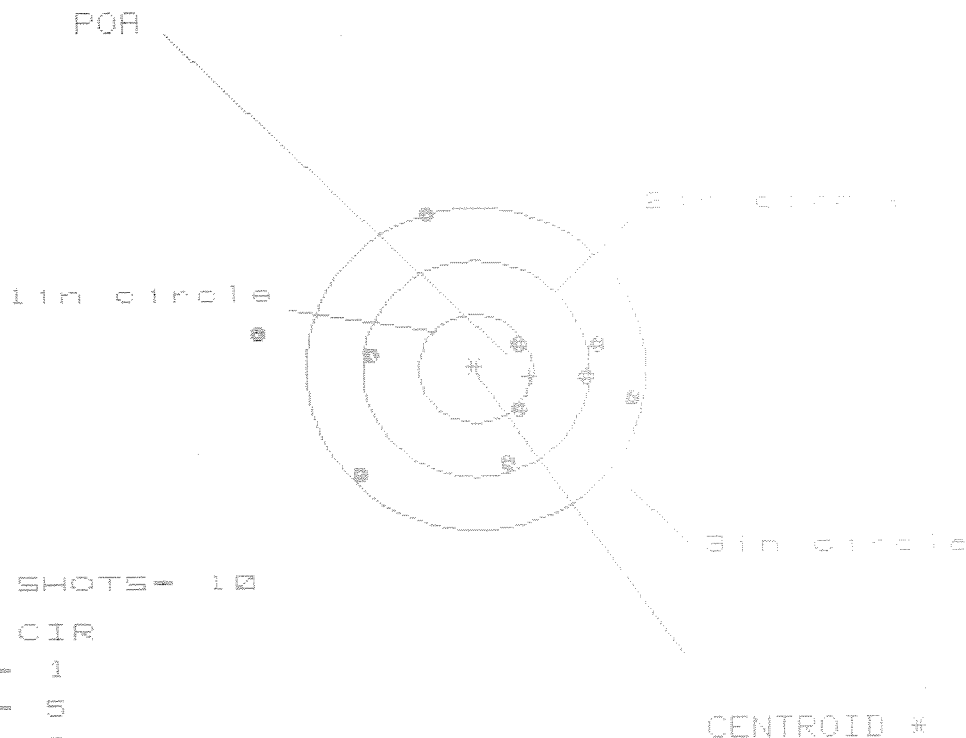
1 4
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0186
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0508
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0548981
 THE AMR FOR THIS RIFLE IS: 1.113

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B11581

CENTERFIRE PATTERNS



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.333

VS= 2.391

GS= 3.385

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =



10

9

8

1.384

1.167

1.085

-1.949

-1.283

-1.365

1.462

1.502

.479

-.929

-.889

-.701

-.474

-.257

-.175

.071

.031

-.157

.479

.259

.235

.436

.323

.181

1.111

.958

.837

1.983

1.640

1.535

3.333

2.450

2.450

2.391

2.391

1.180

3.385

2.548

2.548

1

5

8

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611665

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.099

VS= 5.172

GS= 5.287

PATTERN #

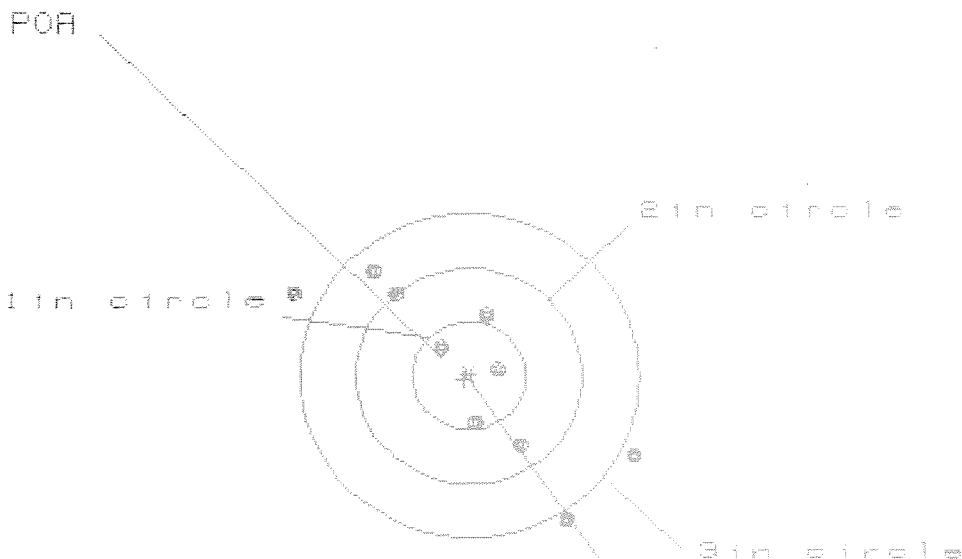
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.934	2.027	1.194
MINIMUM X	-1.165	-1.072	-.819
MAXIMUM Y	1.936	1.576	.872
MINIMUM Y	-3.236	-1.345	-1.148
CENTROID X	.155	.062	-.191
CENTROID Y	-.191	.169	-.028
POA TO CENTROID in.	.246	.180	.193
MIN RADIUS	.453	.444	.645
MEAN RADIUS	1.420	1.159	.948
MAX RADIUS	3.343	2.568	1.410
HORIZONTAL SPREAD	3.099	3.099	2.013
VERTICAL SPREAD	5.172	2.921	2.020
EXTREME SPREAD	5.287	4.259	2.677
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611665

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 7

HS = 3.054

VS = 2.329

GS = 3.379

CENTROID *

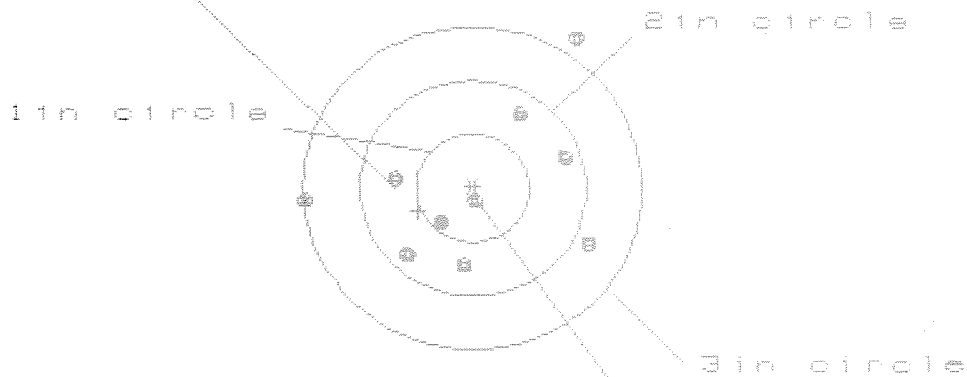
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.480	1.305	.839
MINIMUM X	-1.574	-1.049	-.886
MAXIMUM Y	.951	1.032	.951
MINIMUM Y	-1.378	-1.297	-1.378
CENTROID X	.049	.224	.061
CENTROID Y	.034	-.047	.034
POA TO CENTROID in.	.060	.229	.070
MIN RADIUS	.260	.146	.248
MEAN RADIUS	.976	.880	.797
MAX RADIUS	1.732	1.471	1.613
HORIZONTAL SPREAD	3.054	2.354	1.725
VERTICAL SPREAD	2.329	2.329	2.329
EXTREME SPREAD	3.379	2.898	2.898
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611665

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.544

VS= 2.059

GS= 2.838

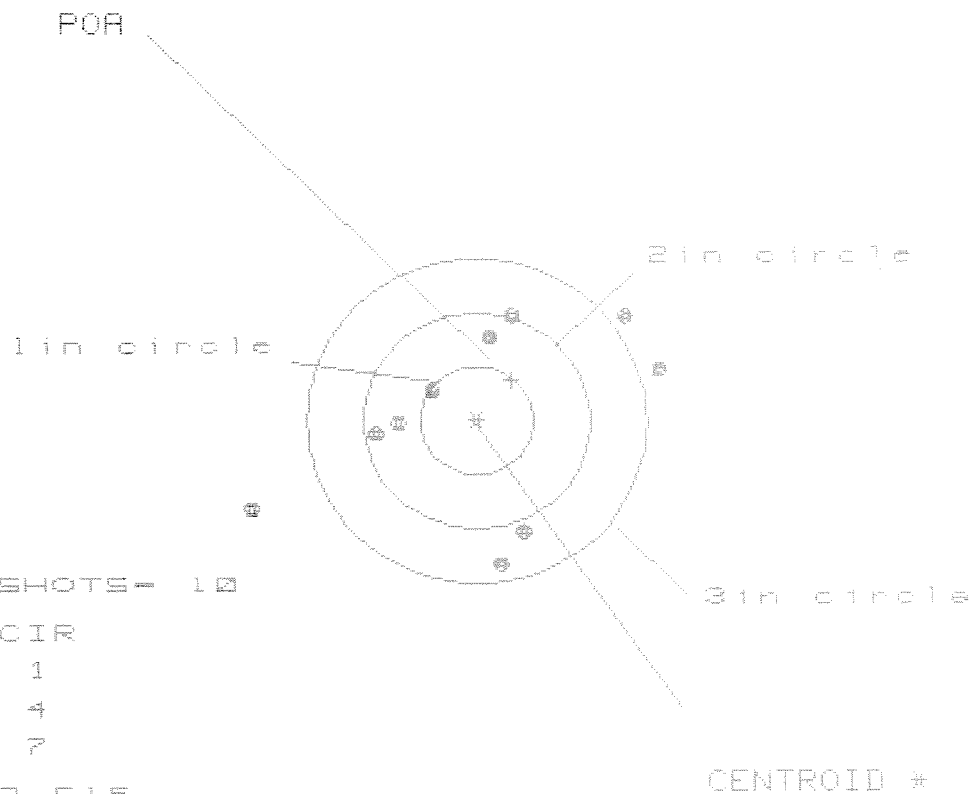
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.011	1.109	.930
MINIMUM X	-1.533	-1.435	-.731
MAXIMUM Y	1.351	.814	.816
MINIMUM Y	-.708	-.558	-.556
CENTROID X	.484	.386	.565
CENTROID Y	.210	.060	.058
POA TO CENTROID in.	.528	.390	.568
MIN RADIUS	.110	.086	.114
MEAN RADIUS	.872	.752	.678
MAX RADIUS	1.616	1.435	.981
HORIZONTAL SPREAD	2.544	2.544	1.661
VERTICAL SPREAD	2.059	1.372	1.372
EXTREME SPREAD	2.838	2.566	1.740
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611685

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 3.615

VS = 2.348

GS = 3.848

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.644	1.425	1.242
MINIMUM X	-1.971	-1.082	-.903
MAXIMUM Y	.994	.898	.942
MINIMUM Y	-1.354	-1.450	-1.405
CENTROID X	-.307	-.088	-.266
CENTROID Y	-.378	-.282	-.326
POA TO CENTROID in.	.487	.295	.421
MIN RADIUS	.490	.652	.500
MEAN RADIUS	1.187	1.083	1.002
MAX RADIUS	2.152	1.470	1.524
HORIZONTAL SPREAD	3.615	2.507	2.146
VERTICAL SPREAD	2.348	2.348	2.348
EXTREME SPREAD	3.848	2.571	2.542
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	