

C6594557

MODEL 700™ M24

Model **SMS**™

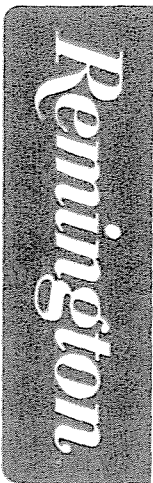
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington



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

MODEL 700TM H24

SERIAL NO.

C6594557

ORDER NO.

5716

Q1

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



5716 C6594557

UPC



0 47700 25716 7

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. ~~2478~~

DATE

8-25-95

TESTER

DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.50	2.62		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.84	2.41	2.73		
PULL #3	2.50	2.49	2.88		
PULL #4	2.60	2.44	2.78		
PULL #5	2.58	2.31	2.83		
TOTAL	13.16	12.15	13.84		
AVG.	2.63	2.43	2.76		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.11		
PULL #2	3.13	3.18		
PULL #3	3.13	3.17		
PULL #4	3.15	3.25		
PULL #5	3.14	3.25		
TOTAL	15.74	15.96		
AVG.	3.14	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.24	3.98	
PULL #2	4.20	4.38	3.93	
PULL #3	4.30	4.22	4.00	
PULL #4	4.28	4.32	4.11	
PULL #5	4.23	4.33	4.09	
TOTAL	21.25	21.50	20.11	
AVG.	4.25	4.30	4.02	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594557

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							
	G) Safety Off Force							
	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	2.65	2.71	2.74	2.65	2.55	11/21/95	WBS
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594557

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/30/90	Kel
600	Proof		10/30/90	Kel
607	Check Headspace		10/30/90	Kel
610	Dis-assemble Gun		10/30/90	Kel
612	Magnaflux Barrel Action		11/1/90	Kel
	Magnaflux Bolt		11/1/90	Kel
615	Rollmark Caliber		11/1/90	GB
617	Drill and Tap Sight Holes		11/6/90	FB
618	Polish Barrel AB		11/7/90	WB
620	Apply Coatings (Barrel Action)		12/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/4/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/4/90	KS
	C) Inspect Ejector Hole for Chamfer		12/4/90	KS
	D) Oil Firing Pin Ass'y		12/4/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/5/90	SL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	12/5/90	WB		
	G) Safety Off Force	3	3	3	12/5/90	WB		
	H) Trigger Pull Test & Retainability				12/5/90	SL		
	I) Firing Pin Indent	.0215	.0215	.0215	12/5/90	WB		
	J) Assemble Stock				12/5/90	KS		
	K) Assemble Swivel Studs				12-6-90	KS		
	L) Attach Front and Rear Sight Assemblies				12/5/90	KS		
	M) Iron Sight Alignment				12/5/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				12/5/90	KS		
	O) Attach Scope to Rifle				12/5/90	KS		
	P) Detach & Attach Scope 20 Times				12/5/90	KS		
640	Gallery Target & Test				12/5/90	WY		
	A) Time					KS		
	B) Malfunctions					KS		
	C) Pierced Primers					KS		
	D) Optical Clarity of Scope					KS		
645	Inspect for Live Ammo				12/5/90	KS		
655	Final Inspection							
	A) Headspace				12-6-90	KS		
	B) Trigger Pull	249	255	256	254	261	12-6-90	KS
	C) Function						12-6-90	KS
660	Pack							

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO 16594557

DATE 12/5/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.44	2.43	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.43	2.31	2.55	
PULL #3	2.32	2.42	2.43	2.56	
PULL #4	2.35	2.39	2.44	2.54	
PULL #5	2.43	2.39	2.45	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.34		
PULL #2	3.41	3.32		
PULL #3	3.35	3.40		
PULL #4	3.37	3.28		
PULL #5	3.38	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.30		4.36
PULL #2	4.37	4.35		4.38
PULL #3	4.29	4.35		4.38
PULL #4	4.37	4.34		4.40
PULL #5	4.32	4.28		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6584557
6 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.0743303
1 TO	2	.126827
1 TO	3	.0380132
1 TO	4	.332327
1 TO	5	.0671863

4
3 <----FOR

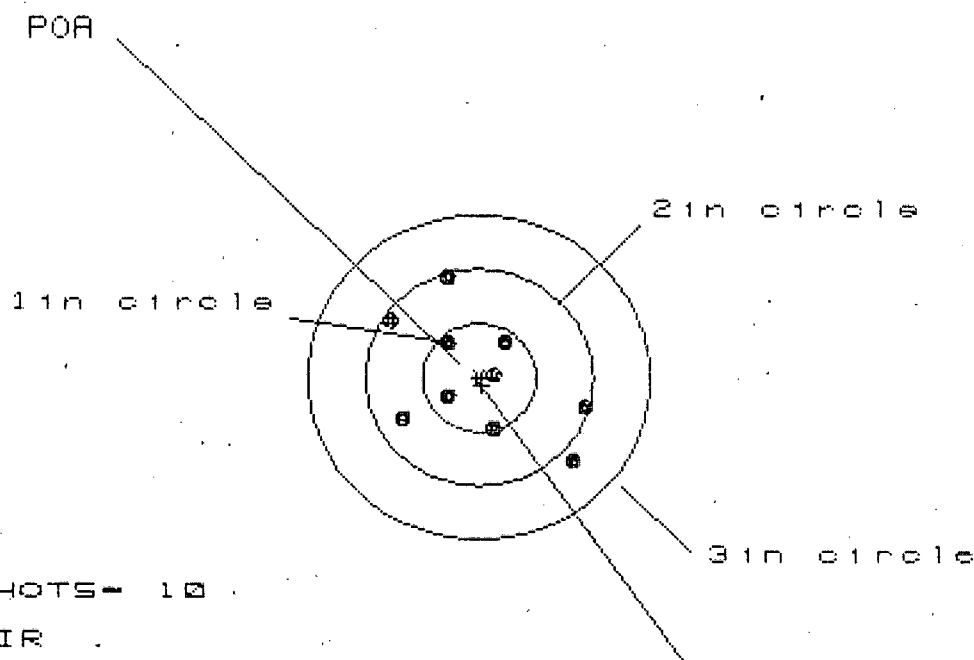
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0096
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0976
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .098071

THE AMR FOR THIS RIFLE IS: .8036

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6584557

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 5

2in = 8

3in = 10

HS = 1.699

VS = 1.642

GS = 2.077

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.972	1.069	.405
MINIMUM X	-.727	-.630	-.497
MAXIMUM Y	.881	.796	.751
MINIMUM Y	-.761	-.575	-.620
CENTROID X	-.025	-.122	-.255
CENTROID Y	.070	.155	.200
POA TO CENTROID in.	.074	.197	.324
MIN RADIUS	.111	.213	.201
MEAN RADIUS	.651	.587	.515
MAX RADIUS	1.155	1.128	.751
HORIZONTAL SPREAD	1.699	1.699	.902
VERTICAL SPREAD	1.642	1.371	1.371
EXTREME SPREAD	2.077	1.898	1.408
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6584557

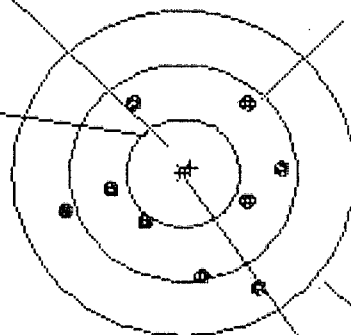
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 7

3 in - 9

HS= 1.929

VS= 2.891

GS= 3.134

CENTROID #

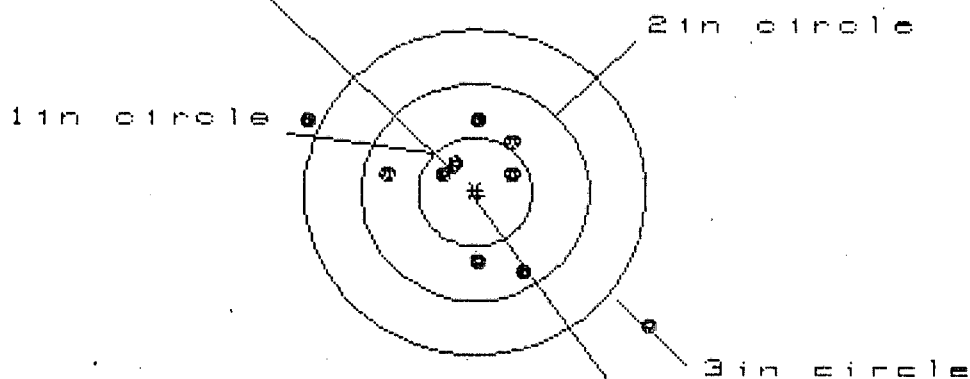
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.901	.845	.925
MINIMUM X	-1.028	-1.084	-1.004
MAXIMUM Y	1.826	.902	.794
MINIMUM Y	-1.065	-.862	-.843
CENTROID X	-.063	-.007	-.087
CENTROID Y	-.051	-.254	-.146
POA TO CENTROID in.	.081	.254	.170
MIN RADIUS	.507	.405	.416
MEAN RADIUS	.951	.818	.782
MAX RADIUS	1.895	1.101	1.047
HORIZONTAL SPREAD	1.929	1.929	1.929
VERTICAL SPREAD	2.891	1.764	1.637
EXTREME SPREAD	3.134	2.073	1.983
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6584557

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 2.955

VS= 1.917

GS= 3.522

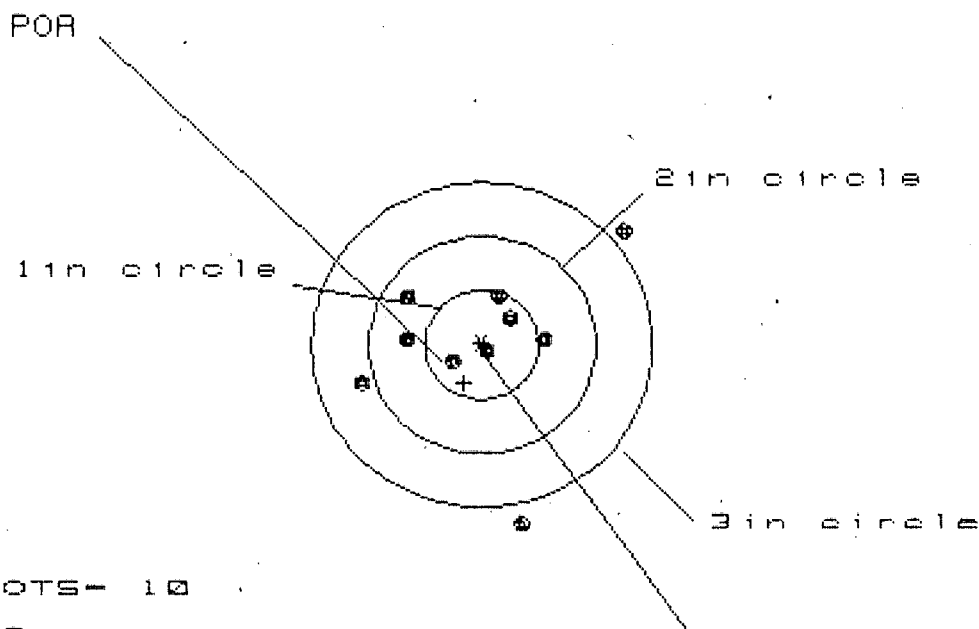
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.528	.567	.410
MINIMUM X	:	-1.427	-1.257	-.752
MAXIMUM Y	:	.707	.572	.622
MINIMUM Y	:	-1.210	-.915	-.843
CENTROID X	:	-.024	-.194	-.037
CENTROID Y	:	.032	.167	.095
POA TO CENTROID in.	:	.040	.256	.102
MIN RADIUS	:	.342	.127	.299
MEAN RADIUS	:	.819	.652	.568
MAX RADIUS	:	1.950	1.381	.938
HORIZONTAL SPREAD	:	2.955	1.824	1.162
VERTICAL SPREAD	:	1.917	1.487	1.465
EXTREME SPREAD	:	3.522	2.353	1.510
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06584557

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 2.281

VS= 2.697

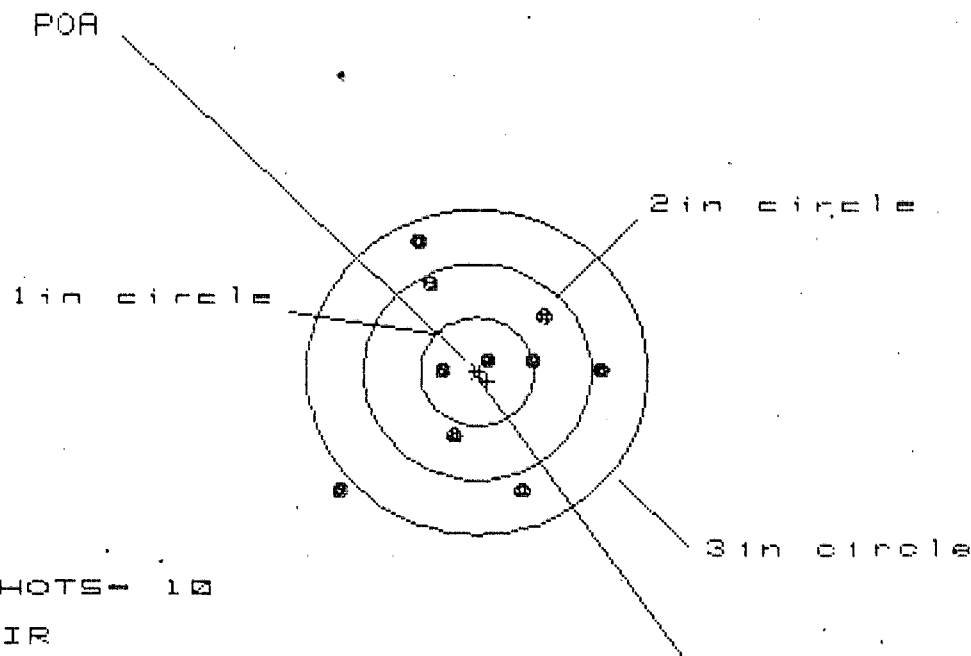
GS= 2.864

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.264	1.298	.725
MINIMUM X	:	-1.017	-.983	-.821
MAXIMUM Y	:	1.044	.860	.381
MINIMUM Y	:	-1.653	-.533	-.425
CENTROID X	:	.154	.120	-.042
CENTROID Y	:	.350	.534	.426
POA TO CENTROID in.	:	.382	.547	.428
MIN RADIUS	:	.072	.256	.256
MEAN RADIUS	:	.759	.656	.532
MAX RADIUS	:	1.680	1.557	.925
HORIZONTAL SPREAD	:	2.281	2.281	1.546
VERTICAL SPREAD	:	2.697	1.393	.806
EXTREME SPREAD	:	2.864	2.673	1.596
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.358

VS= 2.301

GS= 2.609

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	1.004	.924
MINIMUM X	:	-1.218	-.640	-.649
MAXIMUM Y	:	1.199	1.076	.802
MINIMUM Y	:	-1.102	-1.224	-1.089
CENTROID X	:	-.090	.045	.125
CENTROID Y	:	.087	.210	.075
POA TO CENTROID in.	:	.126	.215	.146
MIN RADIUS	:	.136	.094	.224
MEAN RADIUS	:	.838	.728	.667
MAX RADIUS	:	1.643	1.252	1.100
HORIZONTAL SPREAD	:	2.358	1.644	1.573
VERTICAL SPREAD	:	2.301	2.300	1.891
EXTREME SPREAD	:	2.609	2.461	2.055
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	