

06648999

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

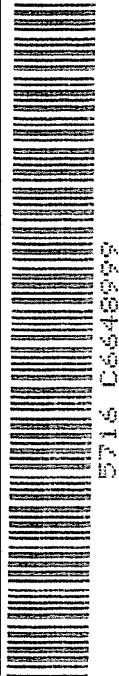
MODEL 700TM H24

SERIAL NO.
C6648999

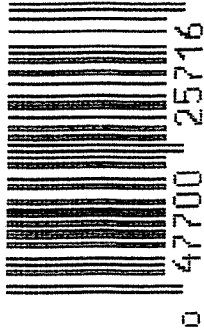
ORDER NO.
5716

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

06



LPC



GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648999

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	JS
	Magnaflux Bolt		JUL 22 1991	JS
615	Rollmark Caliber		JUL 22 1991	JS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7-22-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	RW
	C) Inspect Ejector Hole for Chamfer		8/29/91	RW
	D) Oil Firing Pin Ass'y		8/29/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-9-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{3}{4}$	5			9-9-91	DH
	G) Safety Off Force	2 $\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$			9-9-91	DH
	H) Trigger Pull Test & Retainability						9-9-91	JP
	I) Firing Pin Indent	.021	.021	.022			9-9-91	DH
	J) Assemble Stock						9/12/91	RW
	K) Assemble Swivel Studs						9/13/91	JP
	L) Attach Front and Rear Sight Assemblies						9/12/91	RW
	M) Iron Sight Alignment						9/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/12/91	RW
	O) Attach Scope to Rifle						9/12/91	RW
	P) Detach & Attach Scope 20 Times						9/12/91	RW
640	Gallery Target & Test						9-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-12-91	NF
655	Final Inspection							
	A) Headspace						9/13/91	JP
	B) Trigger Pull	2.44	2.53	2.60	2.59	2.60	9/13/91	JP
	C) Function						9/13/91	JP
660.	Pack						9-19-91	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 6648999

DATE 9-9-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.32	2.35	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.20	2.38	2.53	
PULL #3	2.54	2.22	2.25	2.60	
PULL #4	2.67	2.52	2.28	2.59	
PULL #5	2.65	2.48	2.44	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.50		
PULL #2	3.56	3.50		
PULL #3	3.60	3.38		
PULL #4	3.47	3.37		
PULL #5	3.55	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.35		4.34
PULL #2	4.35	4.42		4.34
PULL #3	4.46	4.22		4.31
PULL #4	4.43	4.34		4.42
PULL #5	4.34	4.20		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCES

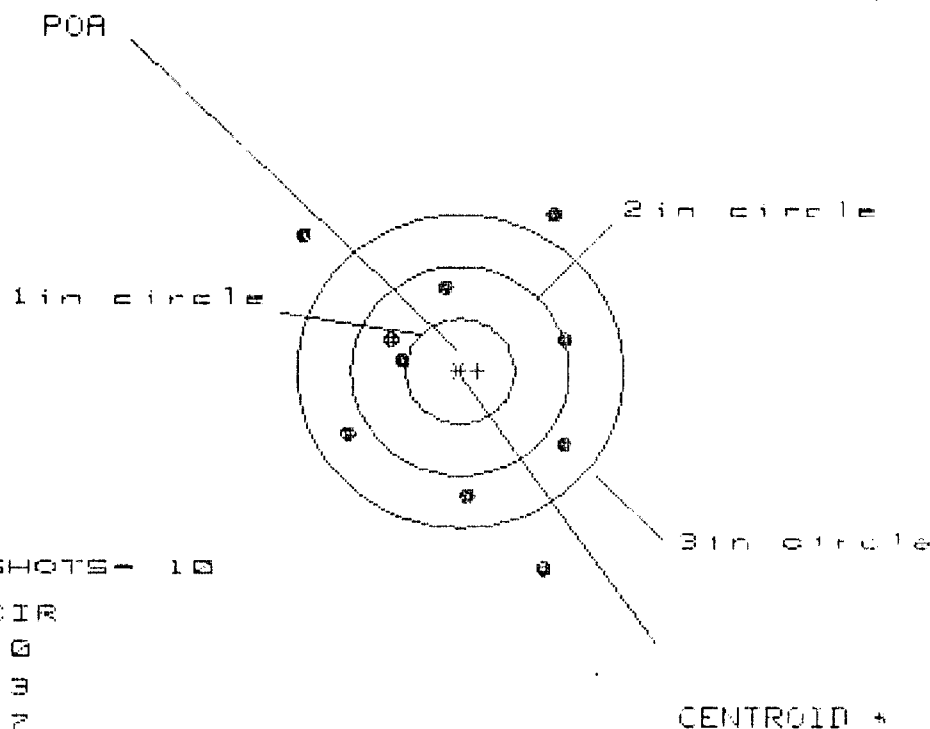
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M2400030513

12 Sep 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.383

VS= 3.413

GS= 3.838

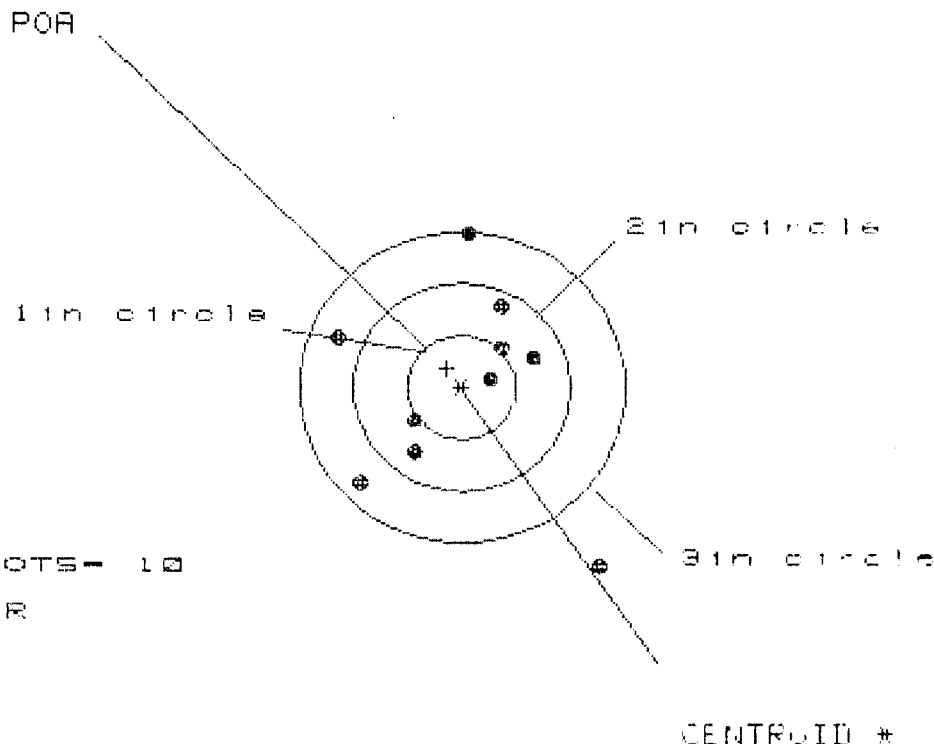
CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.995	1.082	.919
MINIMUM X	-1.388	-1.301	-1.080
MAXIMUM Y	1.553	1.346	1.484
MINIMUM Y	-1.860	-1.379	-1.241
CENTROID X	-.165	-.252	-.089
CENTROID Y	-.004	.203	.065
POR TO CENTROID in.	.165	.323	.110
MIN RADIUS	.519	.429	.584
MEAN RADIUS	1.230	1.112	1.050
MAX RADIUS	2.016	1.706	1.683
HORIZONTAL SPREAD	2.383	2.383	1.999
VERTICAL SPREAD	3.413	2.725	2.725
EXTREME SPREAD	3.838	3.087	2.864
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

12 Sep 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.381

VS= 3.183

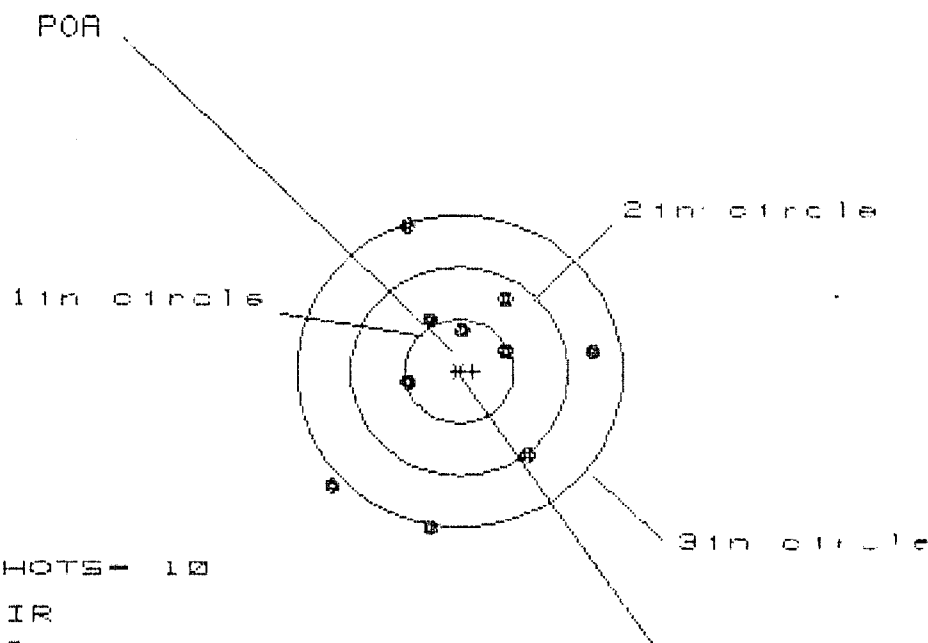
GS= 3.406

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	.770	.793
MINIMUM X	:	-1.127	-.988	-.965
MAXIMUM Y	:	1.491	1.303	.805
MINIMUM Y	:	-1.692	-1.093	-.931
CENTROID X	:	.138	-.001	-.024
CENTROID Y	:	-.183	.005	-.157
POA TO CENTROID in.	:	.229	.005	.159
MIN RADIUS	:	.281	.423	.431
MEAN RADIUS	:	.980	.854	.783
MAX RADIUS	:	2.106	1.344	1.201
HORIZONTAL SPREAD	:	2.381	1.758	1.758
VERTICAL SPREAD	:	3.183	2.396	1.736
EXTREME SPREAD	:	3.406	2.582	2.156
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

12 Sep 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 2.465

VS = 2.874

GS = 2.883

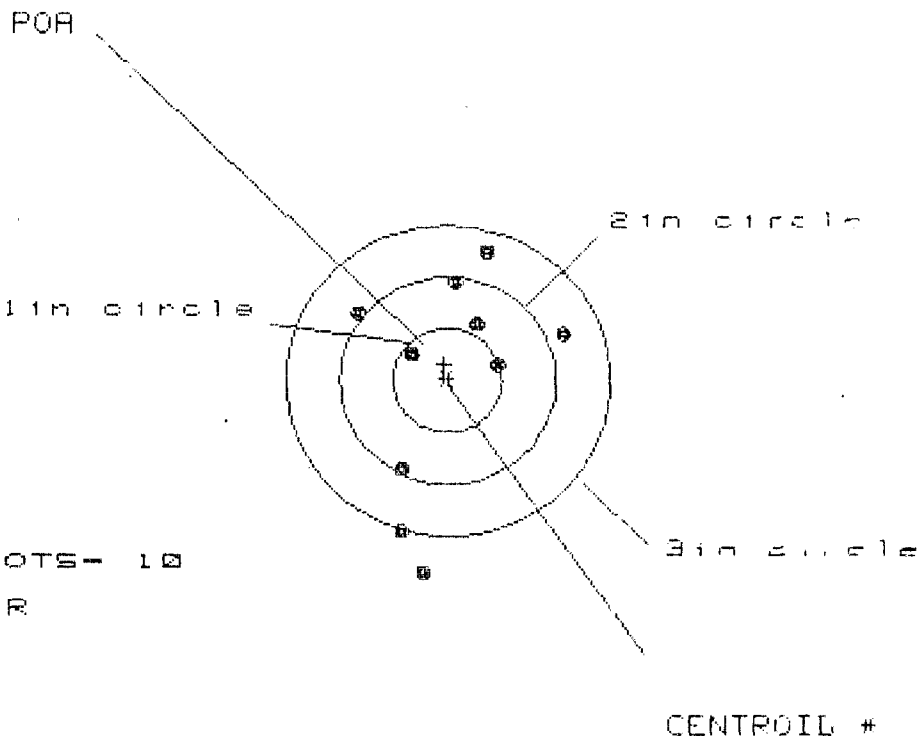
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.273	1.141	1.088
MINIMUM X	:	-1.192	-.650	-.703
MAXIMUM Y	:	1.376	1.257	1.055
MINIMUM Y	:	-1.498	-1.617	-1.108
CENTROID X	:	-.126	.006	.059
CENTROID Y	:	.002	.121	.323
POA TO CENTROID in.	:	.126	.121	.328
MIN RADIUS	:	.421	.257	.174
MEAN RADIUS	:	.965	.858	.713
MAX RADIUS	:	1.604	1.670	1.268
HORIZONTAL SPREAD	:	2.465	1.791	1.791
VERTICAL SPREAD	:	2.874	2.874	2.163
EXTREME SPREAD	:	2.883	2.883	2.468
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Sep 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.936

VS = 3.084

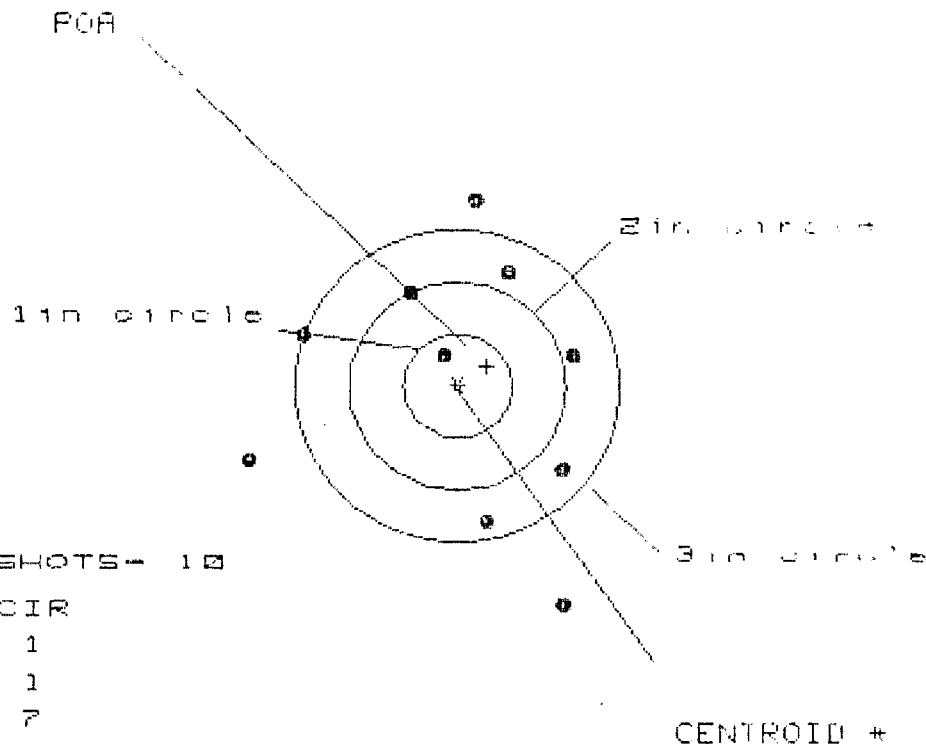
GS = 3.152

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.104	1.075	1.022
MINIMUM X	:	-.832	-.861	-.913
MAXIMUM Y	:	1.205	.996	.786
MINIMUM Y	:	-1.879	-1.685	-1.281
CENTROID X	:	.031	.060	.112
CENTROID Y	:	-.151	.058	.268
POR TO CENTROID in.	:	.154	.083	.291
MIN RADIUS	:	.457	.391	.204
MEAN RADIUS	:	1.038	.888	.732
MAX RADIUS	:	1.897	1.736	1.379
HORIZONTAL SPREAD	:	1.936	1.936	1.936
VERTICAL SPREAD	:	3.084	2.681	2.067
EXTREME SPREAD	:	3.152	2.792	2.223
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 1

3in = 7

HS = 2.993

VS = 3.842

GS = 3.906

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	1.163	.934
MINIMUM X	:	-1.933	-1.830	-1.543
MAXIMUM Y	:	1.764	1.533	1.414
MINIMUM Y	:	-2.079	-1.518	-1.617
CENTROID X	:	-.269	-.372	-.143
CENTROID Y	:	-.195	.036	.155
POA TO CENTROID in.	:	.332	.374	.211
MIN RADIUS	:	.296	.061	.305
MEAN RADIUS	:	1.378	1.226	1.109
MAX. RADIUS	:	2.275	2.062	1.645
HORIZONTAL SPREAD	:	2.993	2.993	2.477
VERTICAL SPREAD	:	3.842	3.051	3.051
EXTREME SPREAD	:	3.906	3.286	3.052
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			1	
NUMBER IN THREE INCH CIRCLE =			7	