

C663B346

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

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

MODEL 700TM H24

SERIAL NO.
C6636346

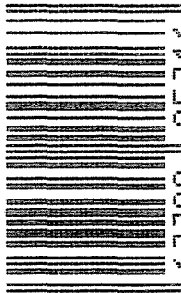
ORDER NO.
5716

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



5716 C6636346

UPC

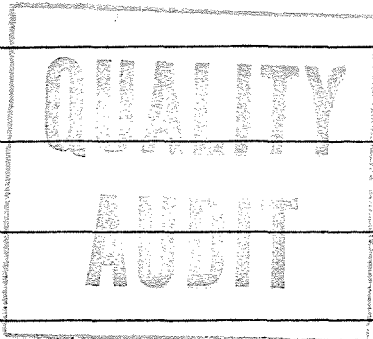


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CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636346

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KA
600	Proof		6/25/91	KA
607	Check Headspace		6/25/91	KA
610	Dis-assemble Gun		6/25/91	KA
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	LS
617	Drill and Tap Sight Holes	JUL	1 1991	LS
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	SA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/91	KA
	C) Inspect Ejector Hole for Chamfer		8/1/91	KA
	D) Oil Firing Pin Ass'y		8/1/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-3-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-6-91	DH
	G) Safety Off Force	3	3	3			8-6-91	DA
	H) Trigger Pull Test & Retainability						8-5-91	NI
	I) Firing Pin Indent	.020	.020	.020			8-6-91	DH
	J) Assemble Stock						8/8/91	KA
	K) Assemble Swivel Studs						8/8-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/8/91	KA
	M) Iron Sight Alignment						8/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						8/8/91	KA
	O) Attach Scope to Rifle						8/8/91	KA
	P) Detach & Attach Scope 20 Times						8/8/91	KA
640	Gallery Target & Test						8-8-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						8-8-91	NE
655	Final Inspection							
	A) Headspace						8-12-91	DH
	B) Trigger Pull	2.49	2.18	2.51	2.18	2.43	8-9-91	NI
	C) Function						8-12-91	DH
660	Pack						8-17-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6636346DATE 8-5-91TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.29	2.26	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.28	2.30	2.18	
PULL #3	2.62	2.30	2.24	2.51	
PULL #4	2.61	2.25	2.24	2.18	
PULL #5	2.46	2.24	2.28	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.55		
PULL #2	3.57	3.55		
PULL #3	3.62	3.60		
PULL #4	3.35	3.44		
PULL #5	3.49	3.53		
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	4.52		4.30
PULL #2	4.56	4.44		4.51
PULL #3	4.59	4.58		4.55
PULL #4	4.45	4.59		4.48
PULL #5	4.31	4.52		4.53
TOTAL				
AVG.				

WIND CALCULATIONS
 WIND 0.536346
 1001

WIND DISTANCES

1	.047955
2	.454757
3	.275182
4	.641038
5	.631064

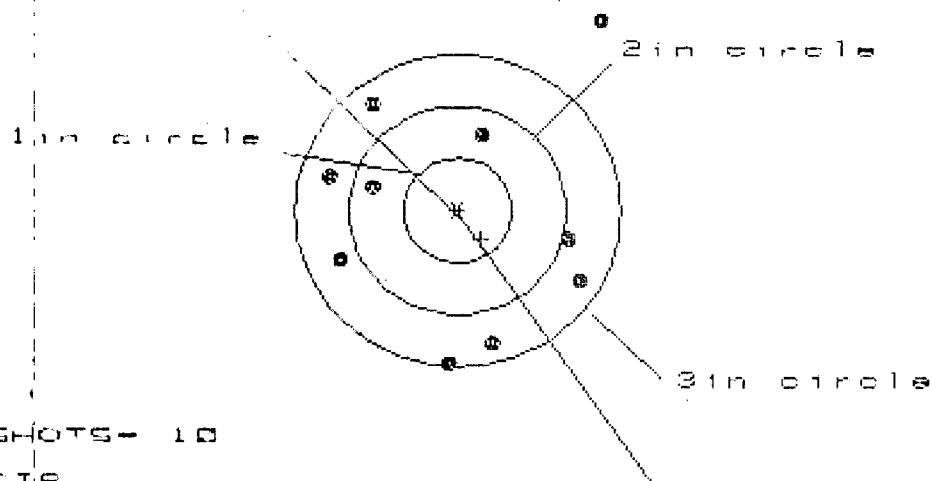
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COORDINATE OF THIS RIFLE IS: -1.0072
 COORDINATE OF THIS RIFLE IS: .0236
 HORIZONTAL RADIUS FOR THIS RIFLE IS: .0246759

THIS RIFLE IS: 1.004

PATTERNING/CENTERFIRE_PATT/C6636346

FIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 0

2in - 2

3in - 8

MEAN 2.517

STDEV 3.276

RMS 3.567

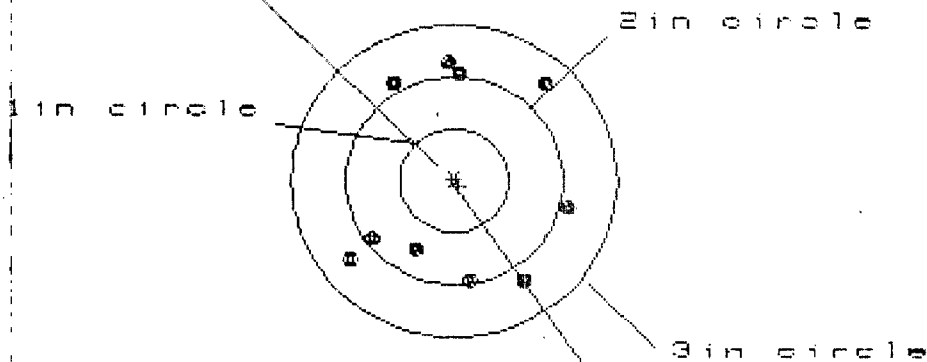
CENTROID *

PATTERN #		1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.309	1.256	1.261
MINIMUM X	:	-1.208	-1.063	-1.058
MAXIMUM Y	:	1.796	1.201	1.041
MINIMUM Y	:	-1.480	-1.281	-1.255
CENTROID X	:	-.217	-.362	-.367
CENTROID Y	:	.272	.073	.233
POP TO CENTROID in.	:	.348	.369	.435
MIN RADIUS	:	.796	.764	.677
MEAN RADIUS	:	1.260	1.134	1.097
STDEV RADIUS	:	2.222	1.351	1.422
HORIZONTAL SPREAD	:	2.517	2.319	2.319
VERTICAL SPREAD	:	3.276	2.482	2.296
EXTREME SPREAD	:	3.567	2.562	2.530
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 3

POH



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 10

HS = 2.013

VS = 2.043

GS = 2.484

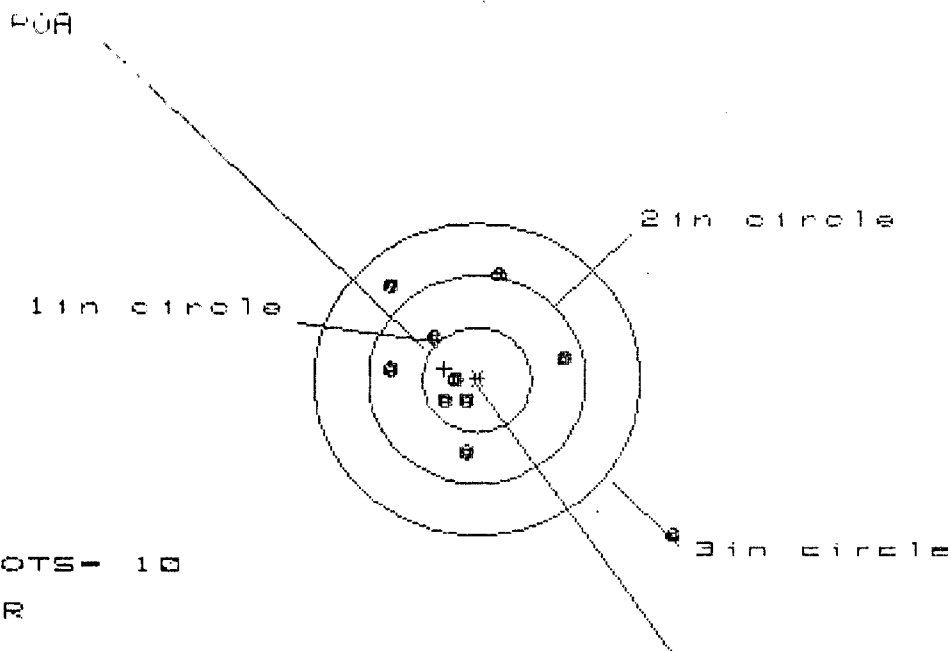
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.027	1.117	1.005
MINIMUM X	:	-.986	-.896	-.730
MAXIMUM Y	:	1.115	1.224	1.145
MINIMUM Y	:	-.928	-.819	-.898
CENTROID X	:	-.044	-.134	-.022
CENTROID Y	:	.058	-.051	.028
POA TO CENTROID in.	:	.073	.143	.036
MIN RADIUS	:	.708	.571	.692
MEAN RADIUS	:	1.044	.998	.990
MAX RADIUS	:	1.270	1.224	1.151
HORIZONTAL SPREAD	:	2.013	2.013	1.735
VERTICAL SPREAD	:	2.043	2.043	2.043
EXTREME SPREAD	:	2.484	2.209	2.209
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.607

VS = 2.500

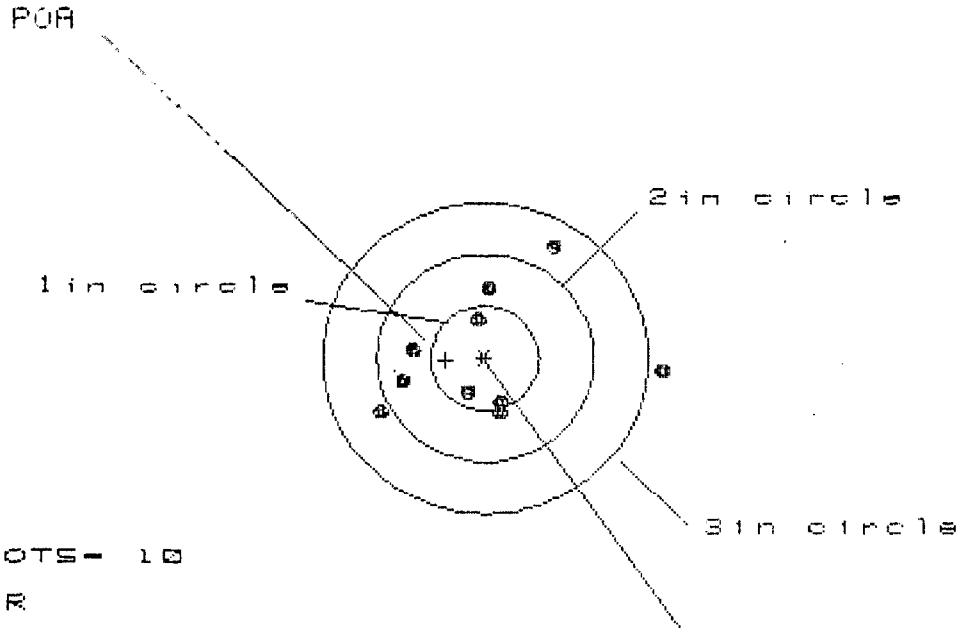
GS = 3.575

PATTERN #	:	14	15	16
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.809	.968	.895
MINIMUM X	:	-.797	-.596	-.668
MAXIMUM Y	:	.975	.806	.902
MINIMUM Y	:	-1.525	-.880	-.784
CENTROID X	:	.300	.099	.171
CENTROID Y	:	-.107	.062	-.034
POA TO CENTROID in.	:	.319	.117	.175
MIN RADIUS	:	.228	.116	.094
MEAN RADIUS	:	.830	.612	.555
MAX RADIUS	:	2.366	.968	.950
HORIZONTAL SPREAD	:	2.607	1.564	1.564
VERTICAL SPREAD	:	2.500	1.686	1.686
EXTREME SPREAD	:	3.575	1.796	1.704
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

b. Fig. (33)

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.585

VS = 1.620

GS = 2.617

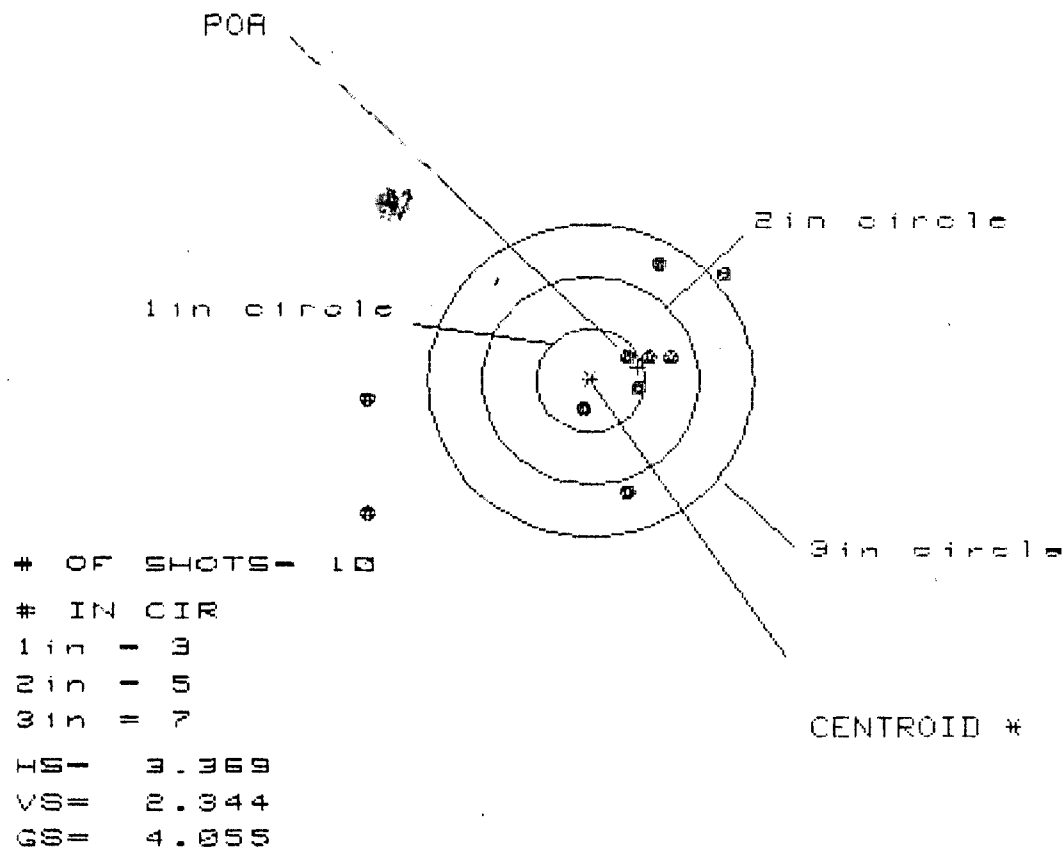
CENTROID *

PATTERN #	15	16	17
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.646	.847	.415
MINIMUM X	-.939	-.756	-.650
MAXIMUM Y	1.065	1.049	.817
MINIMUM Y	-.555	-.571	-.440
CENTROID X	.362	.179	.073
CENTROID Y	.021	.037	-.094
POA TO CENTROID in.	.363	.183	.119
MIN RADIUS	.338	.319	.228
MEAN RADIUS	.782	.661	.549
MAX RADIUS	1.652	1.348	.885
HORIZONTAL SPREAD	2.585	1.603	1.065
VERTICAL SPREAD	1.620	1.620	1.257
EXTREME SPREAD	2.617	2.279	1.601
NUMBER IN ONE INCH CIRCLE =	3	7	9
NUMBER IN TWO INCH CIRCLE =	7	9	9
NUMBER IN THREE INCH CIRCLE =	9	9	9

8 Aug 1991

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CENTERFIRE PATTERNS # 2



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.272	1.043	.752
MINIMUM X	-2.097	-2.326	-.615
MAXIMUM Y	1.112	.975	.933
MINIMUM Y	-1.232	-1.195	-1.237
CENTROID X	-.437	-.208	.083
CENTROID Y	-.126	.011	.053
POA TO CENTROID in.	.455	.208	.098
MIN RADIUS	.300	.168	.008
MEAN RADIUS	1.103	.862	.591
MAX RADIUS	2.404	2.350	1.252
HORIZONTAL SPREAD	3.369	3.369	1.367
VERTICAL SPREAD	2.344	2.170	2.170
EXTREME SPREAD	4.055	3.601	2.331
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		