

C6523386

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

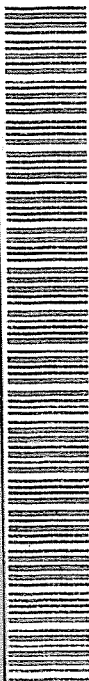
Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

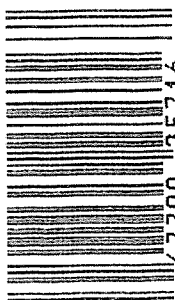
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6523386	ORDER NO. 5716
-------------------------------	--------------------------



5716 C6523386

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6523386*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	<i>RW</i>
600	Proof	9 24	90	<i>RW</i>
607	Check Headspace	9 24	90	<i>RW</i>
610	Dis-assemble Gun	9 24	90	<i>RW</i>
612	Magnaflux Barrel Action		9-25-90	<i>KR</i>
	Magnaflux Bolt		9-25-90	<i>KR</i>
615	Rollmark Caliber		9-25-90 <i>LL</i>	<i>()</i>
617	Drill and Tap Sight Holes		9-25-90	<i>FB</i>
618	Polish Barrel <i>RB</i>		9/27/90	<i>WB</i>
620	Apply Coatings (Barrel Action)		10-2-90	<i>TJA</i>
	Apply Coating (Bolt)		10-2-90	<i>TJA</i>
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/8/90	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/8/90	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/90	<i>RL</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	4 1/4	4 1/4	4 1/4			10/16/90	W.B
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			10/16/90	W.B
	H) Trigger Pull Test & Retainability						10/16/90	JH
	I) Firing Pin Indent	.021	.021	.021			10/16/90	W.B
	J) Assemble Stock						10/16/90	Rev
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						10/16/90	Rev
	M) Iron Sight Alignment						10/16/90	Rev
	N) Detach Front & Rear Sights & place in numbered container						10/16/90	Rev
	O) Attach Scope to Rifle						10/16/90	Rev
	P) Detach & Attach Scope 20 Times						10/16/90	Rev
640	Gallery Target & Test						10-19-90	AC
	A) Time						10-19-90	AC
	B) Malfunctions						10-19-90	AC
	C) Pierced Primers						10-19-90	AC
	D) Optical Clarity of Scope						10-19-90	AC
645	Inspect for Live Ammo						10-19-90	AC
655	Final Inspection							
	A) Headspace						10/24/90	GS
	B) Trigger Pull	2.33	2.30	2.27	2.31	2.24	10/24/90	GS
	C) Function						10/24/90	GS
660	Pack						12/14/90	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523386

DATE 10/15/90

TESTER JLU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.54	2.43	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.45	2.48	2.30	
PULL #3	2.53	2.54	2.41	2.27	
PULL #4	2.37	2.37	2.50	2.31	
PULL #5	2.46	2.41	2.30	2.24	
TOTAL	12.35	12.31	12.12		
AVG.	2.47	2.46	2.424		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.37		
PULL #2	3.26	3.37		
PULL #3	3.22	3.27		
PULL #4	3.20	3.24		
PULL #5	3.16	3.14		
TOTAL	16.23	16.39		
AVG.	3.24	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.26		4.35
PULL #2	4.20	4.31		4.36
PULL #3	4.24	4.25		4.31
PULL #4	4.25	4.25		4.33
PULL #5	4.24	4.35		4.31
TOTAL	21.14	21.42		21.66
AVG.	4.228	4.284		4.332

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523386
22 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.0771298
1 TO	2	.450211
1 TO	3	.327393
1 TO	4	.191638
1 TO	5	.342077

$f_{\bar{x}}$ <----FOR

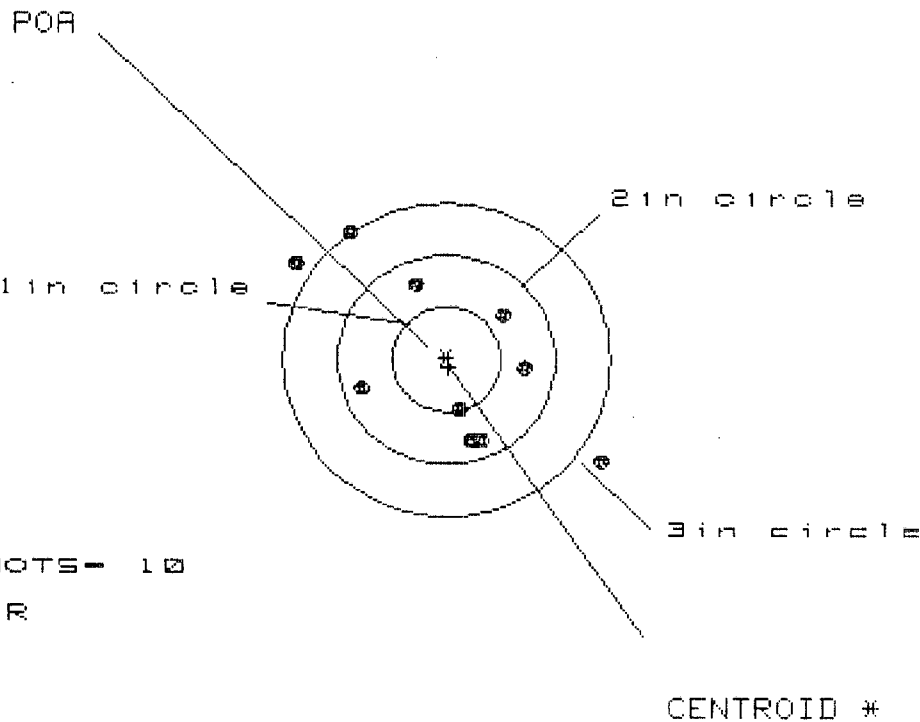
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0066
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .205706

THE AMR FOR THIS RIFLE IS: .9148

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523386

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.731

VS= 2.244

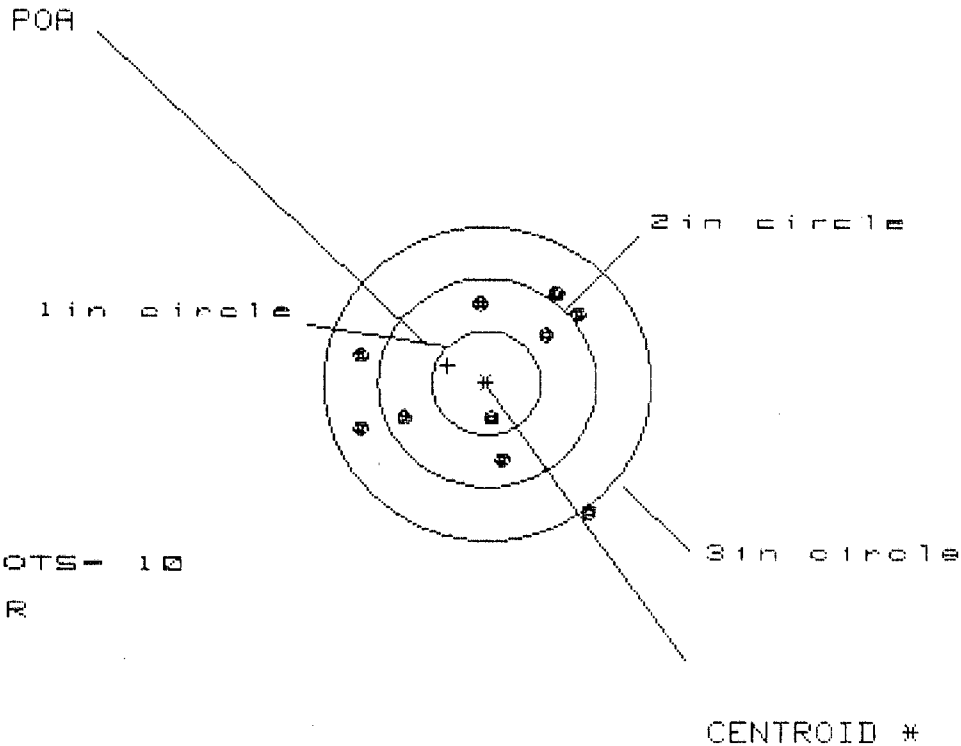
GS= 3.372

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.396	.837	.690
MINIMUM X	:	-1.335	-1.180	-.837
MAXIMUM Y	:	1.235	1.123	1.230
MINIMUM Y	:	-1.009	-.892	-.785
CENTROID X	:	-.018	-.173	-.026
CENTROID Y	:	.075	.187	.080
POA TO CENTROID in.	:	.077	.255	.084
MIN RADIUS	:	.497	.646	.503
MEAN RADIUS	:	.997	.929	.827
MAX RADIUS	:	1.723	1.458	1.488
HORIZONTAL SPREAD	:	2.731	2.017	1.527
VERTICAL SPREAD	:	2.244	2.015	2.015
EXTREME SPREAD	:	3.372	2.418	2.335
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523386

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.181

VS= 2.084

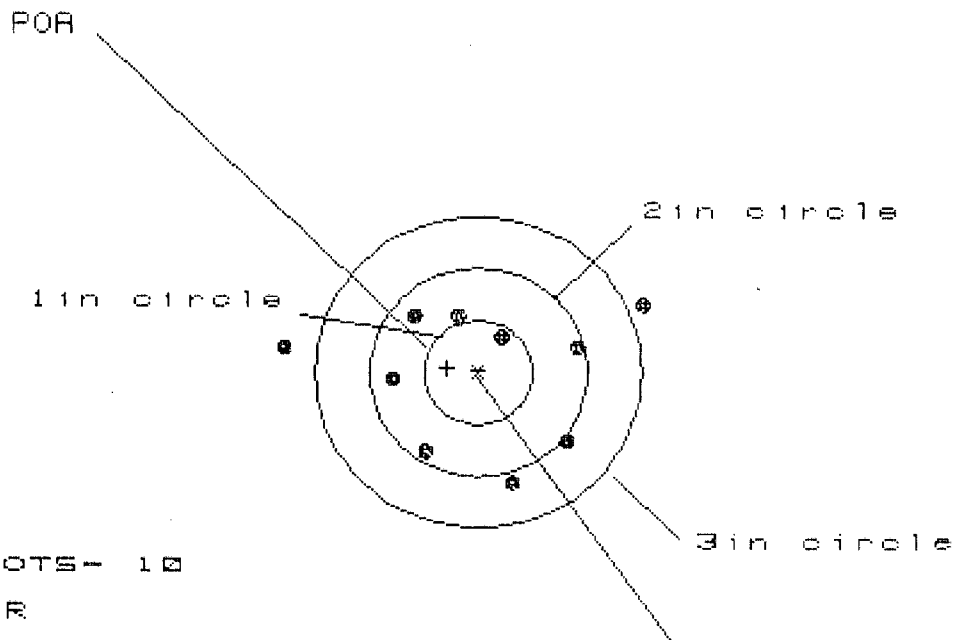
GS= 2.637

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.913	.776
MINIMUM X	:	-1.199	-1.090	-1.145
MAXIMUM Y	:	.899	.767	.787
MINIMUM Y	:	-1.185	-.834	-.814
CENTROID X	:	.361	.252	.389
CENTROID Y	:	-.168	-.036	-.057
POA TO CENTROID in.	:	.398	.255	.393
MIN RADIUS	:	.323	.470	.434
MEAN RADIUS	:	.951	.884	.840
MAX RADIUS	:	1.539	1.179	1.288
HORIZONTAL SPREAD	:	2.181	2.003	1.922
VERTICAL SPREAD	:	2.084	1.601	1.601
EXTREME SPREAD	:	2.637	2.251	2.251
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65233B6

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.319

VS= 1.730

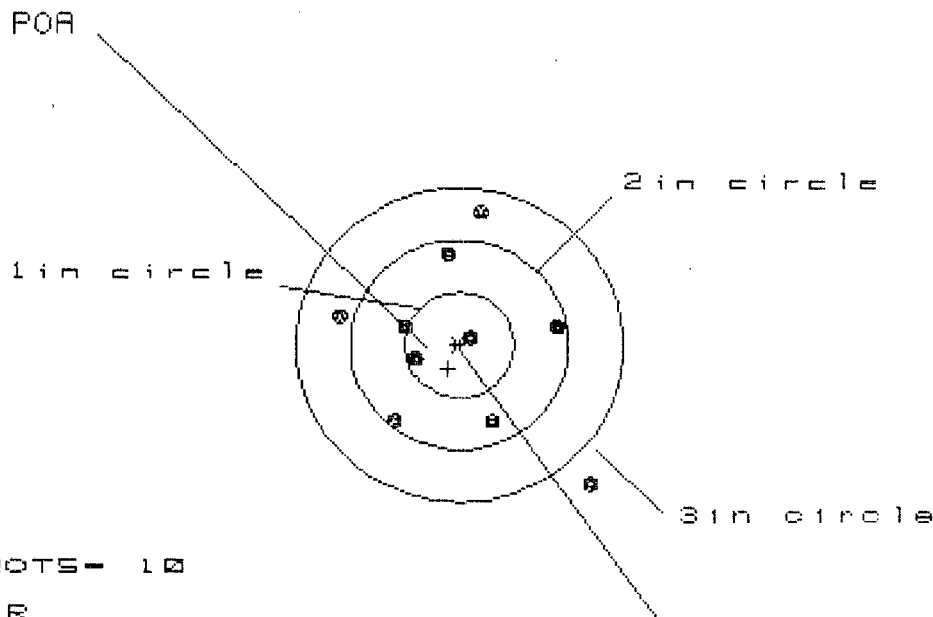
GS= 3.343

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.550	1.353	.923
MINIMUM X	:	-1.769	-1.008	-.839
MAXIMUM Y	:	.663	.692	.641
MINIMUM Y	:	-1.067	-1.038	-.952
CENTROID X	:	.287	.484	.315
CENTROID Y	:	-.044	-.073	-.160
POA TO CENTROID in.	:	.291	.489	.353
MIN RADIUS	:	.427	.407	.523
MEAN RADIUS	:	1.005	.916	.830
MAX RADIUS	:	1.789	1.520	1.002
HORIZONTAL SPREAD	:	3.319	2.361	1.762
VERTICAL SPREAD	:	1.730	1.730	1.592
EXTREME SPREAD	:	3.343	2.480	1.818
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523386

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

IS = 2.311

VS = 2.584

GS = 2.800

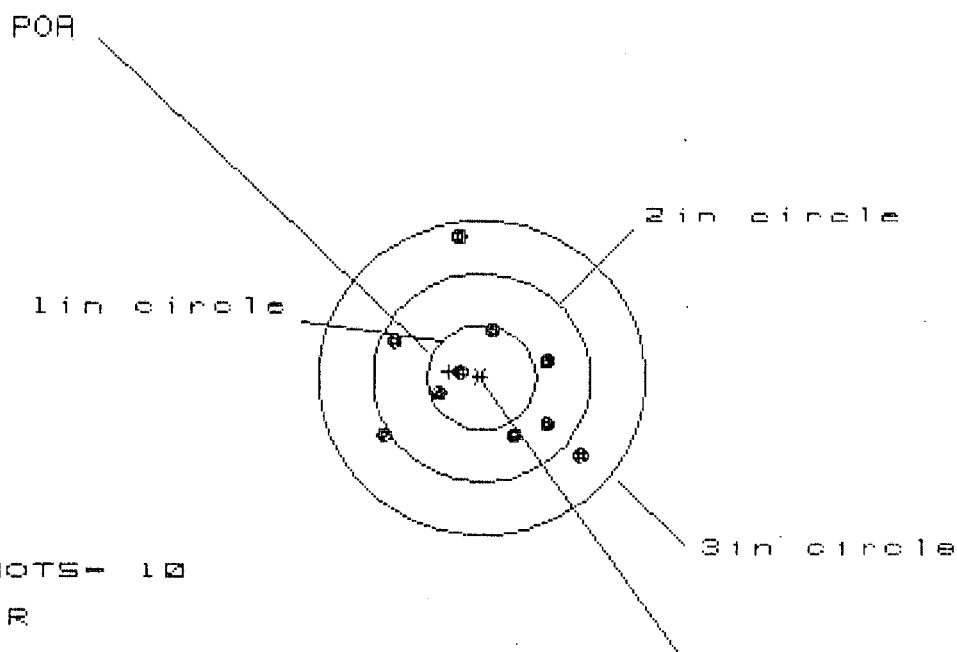
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.015	1.054
MINIMUM X	:	-1.125	-.993	-.954
MAXIMUM Y	:	1.302	1.160	.857
MINIMUM Y	:	-1.282	-.878	-.733
CENTROID X	:	.100	-.032	-.071
CENTROID Y	:	.226	.368	.223
POA TO CENTROID in.	:	.247	.370	.234
MIN RADIUS	:	.112	.236	.213
MEAN RADIUS	:	.868	.753	.681
MAX RADIUS	:	1.747	1.201	1.064
HORIZONTAL SPREAD	:	2.311	2.008	2.008
VERTICAL SPREAD	:	2.584	2.038	1.590
EXTREME SPREAD	:	2.800	2.168	2.014
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523386

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.828

VS= 2.085

GS= 2.356

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.882	.858	.726
MINIMUM X	:	-.946	-.970	-.863
MAXIMUM Y	:	1.371	.578	.508
MINIMUM Y	:	-.714	-.562	-.428
CENTROID X	:	.298	.322	.215
CENTROID Y	:	-.056	-.208	-.138
POA TO CENTROID in.	:	.303	.383	.255
MIN RADIUS	:	.162	.270	.151
MEAN RADIUS	:	.753	.681	.619
MAX RADIUS	:	1.388	1.030	.958
HORIZONTAL SPREAD	:	1.828	1.828	1.589
VERTICAL SPREAD	:	2.085	1.140	.936
EXTREME SPREAD	:	2.356	1.976	1.713
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	