

C658729

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

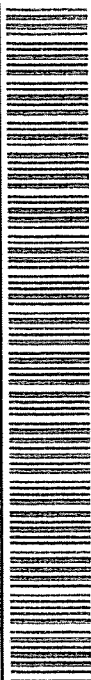
MODEL 700™ H24

MADE IN ILLION, 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.

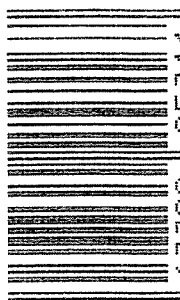
SERIAL NO.
 06587709

ORDER NO.
 5716



5716 06587709

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587709

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	K.R
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	LS
617	Drill and Tap Sight Holes		11/10/90	FIB
618	Polish Barrel <i>ROB</i>		10/29/90	W/B
620	Apply Coatings (Barrel Action)		11-7-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-9-91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.25			1/8/91	KI
	G) Safety Off Force	2.50	2.50	2.50			1/8/91	KI
	H) Trigger Pull Test & Retainability						1-9-91	JH
	I) Firing Pin Indent	.020	.020	.020			1/8/91	KJ
	J) Assemble Stock						1/14/91	RW
	K) Assemble Swivel Studs						1-15-91	JH
	L) Attach Front and Rear Sight Assemblies						1/14/91	RW
	M) Iron Sight Alignment						1/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/14/91	RW
	O) Attach Scope to Rifle						1/14/91	RW
	P) Detach & Attach Scope 20 Times						1/14/91	RW
640	Gallery Target & Test						1-14-91	DH
	A) Time						1-14-91	DH
	B) Malfunctions						1-14-91	DH
	C) Pierced Primers						1-14-91	DH
	D) Optical Clarity of Scope						1-14-91	DH
645	Inspect for Live Ammo						1-14-91	DH
655	Final Inspection							
	A) Headspace						1-15-91	JH
	B) Trigger Pull	2.18	2.22	2.15	2.18	2.20	1-15-91	JH
	C) Function						1-15-91	JH
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C6587709
DATE 1-9-91
TESTER J.21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.49	2.45	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.42	2.44	2.22	
PULL #3	2.44	2.49	2.40	2.15	
PULL #4	2.38	2.43	2.49	2.18	
PULL #5	2.49	2.49	2.43	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.49		
PULL #2	3.44	3.48		
PULL #3	3.49	3.45		
PULL #4	3.42	3.45		
PULL #5	3.40	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.35		4.29
PULL #2	4.20	4.20		4.31
PULL #3	4.20	4.28		4.32
PULL #4	4.38	4.36		4.33
PULL #5	4.26	4.31		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587709
15 Jan 1991

CENTROIDAL DISTANCES

Ø TO	1	.359668
1 TO	2	.0915478
1 TO	3	.341844
1 TO	4	.0608769
1 TO	5	.10819

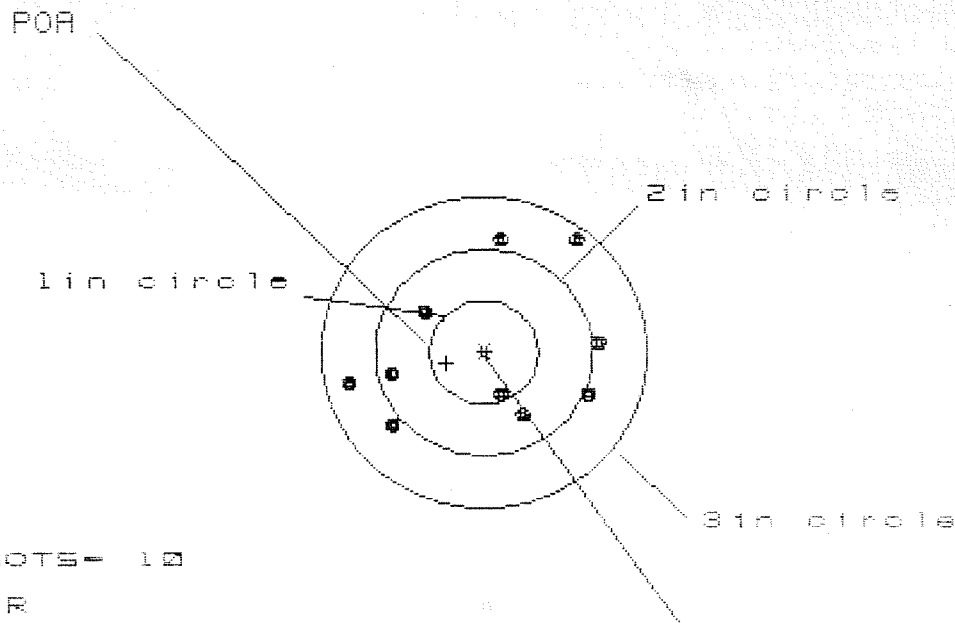
* <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2984
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0516
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .302629
THE AMR FOR THIS RIFLE IS: .9376

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587789

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.378

VS= 1.831

GS= 2.575

CENTROID #

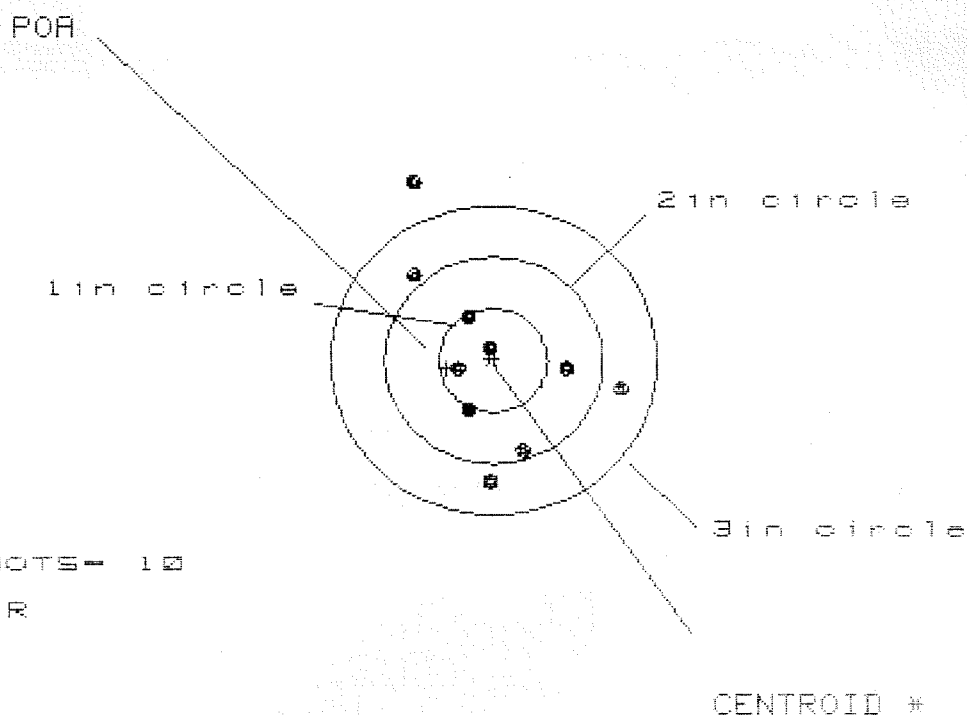
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	1.197	1.050
MINIMUM X	:	-1.277	-1.181	-.895
MAXIMUM Y	:	1.127	1.249	1.227
MINIMUM Y	:	-.704	-.579	-.601
CENTROID X	:	.344	.248	.395
CENTROID Y	:	.105	-.020	.002
POA TO CENTROID in.	:	.360	.249	.395
MIN RADIUS	:	.466	.395	.354
MEAN RADIUS	:	.983	.911	.869
MAX RADIUS	:	1.421	1.278	1.233
HORIZONTAL SPREAD	:	2.378	2.378	1.945
VERTICAL SPREAD	:	1.831	1.828	1.828
EXTREME SPREAD	:	2.575	2.411	2.087
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587789

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.941

VS= 2.883

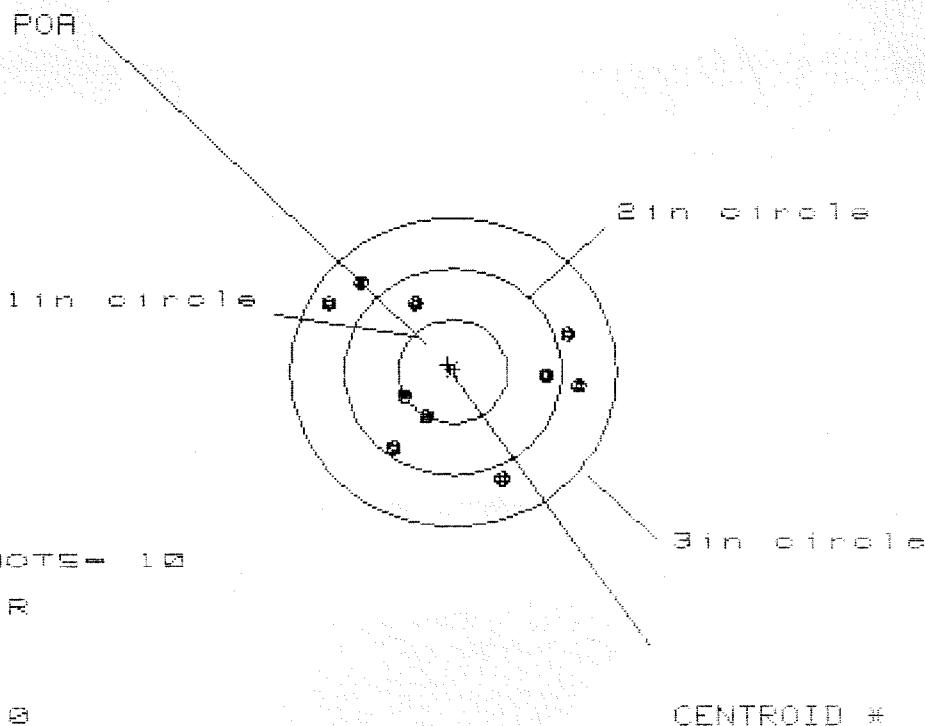
GS= 2.971

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.213	1.132	.762
MINIMUM X	:	-.728	-.787	-.645
MAXIMUM Y	:	1.683	1.040	1.025
MINIMUM Y	:	-1.200	-1.013	-1.028
CENTROID X	:	.429	.510	.368
CENTROID Y	:	.071	-.116	-.101
POA TO CENTROID in.	:	.435	.522	.382
MIN RADIUS	:	.136	.339	.232
MEAN RADIUS	:	.846	.734	.660
MAX RADIUS	:	1.833	1.304	1.211
HORIZONTAL SPREAD	:	1.941	1.919	1.407
VERTICAL SPREAD	:	2.883	2.053	2.053
EXTREME SPREAD	:	2.971	2.239	2.167
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS587789

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.337

VS= 1.921

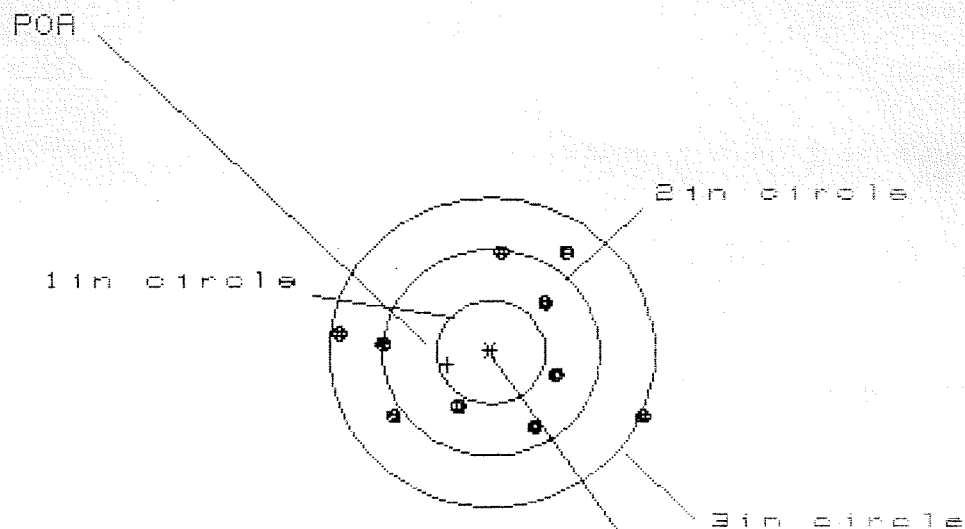
GS= 2.466

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.179	1.051	.927
MINIMUM X	:	-1.158	-.991	-.782
MAXIMUM Y	:	.885	.960	.818
MINIMUM Y	:	-1.036	-.961	-.841
CENTROID X	:	.048	.176	.300
CENTROID Y	:	-.066	-.141	-.261
POA TO CENTROID in.	:	.082	.226	.398
MIN RADIUS	:	.468	.489	.528
MEAN RADIUS	:	.950	.901	.830
MAX RADIUS	:	1.341	1.380	1.015
HORIZONTAL SPREAD	:	2.337	2.042	1.709
VERTICAL SPREAD	:	1.921	1.921	1.659
EXTREME SPREAD	:	2.466	2.301	1.979
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587703

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.746

VS= 1.763

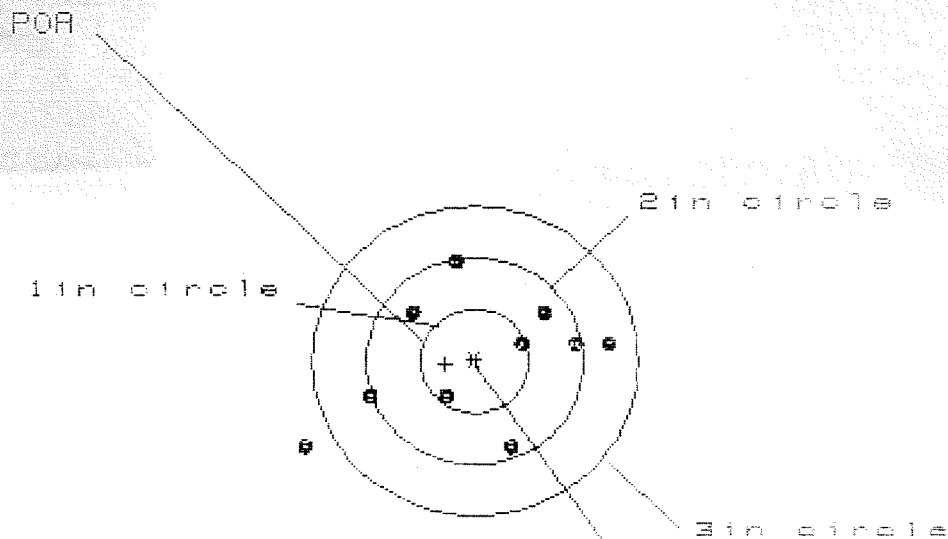
GS= 2.859

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.357	.800	.646
MINIMUM X	:	-1.388	-1.238	-.960
MAXIMUM Y	:	.999	.935	.956
MINIMUM Y	:	-.764	-.828	-.808
CENTROID X	:	.403	.253	.407
CENTROID Y	:	.120	.184	.164
POA TO CENTROID in.	:	.421	.312	.439
MIN RADIUS	:	.622	.621	.611
MEAN RADIUS	:	.984	.929	.872
MAX RADIUS	:	1.473	1.248	1.133
HORIZONTAL SPREAD	:	2.746	2.038	1.606
VERTICAL SPREAD	:	1.763	1.763	1.763
EXTREME SPREAD	:	2.859	2.198	2.198
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jan 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.724

VS= 1.845

GS= 2.888

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.021	.838
MINIMUM X	:	-1.542	-1.126	-.999
MAXIMUM Y	:	.978	.889	.894
MINIMUM Y	:	-.867	-.956	-.951
CENTROID X	:	.268	.439	.311
CENTROID Y	:	.028	.117	.112
POA TO CENTROID in.	:	.269	.454	.331
MIN RADIUS	:	.450	.258	.380
MEAN RADIUS	:	.925	.803	.781
MAX RADIUS	:	1.738	1.211	1.091
HORIZONTAL SPREAD	:	2.734	2.147	1.837
VERTICAL SPREAD	:	1.845	1.845	1.845
EXTREME SPREAD	:	2.888	2.201	1.916
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	