

C6636249

MODEL 700TM M24

Model **S&S**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

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.

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

DU PONT

SERIAL NO. C6636249	20
ORDER NO. 5716	

UPC

0 47700 25716 2

5716 C6636249

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636249

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6. 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	28
617	Drill and Tap Sight Holes		JUL 1 1991	FB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/91	RU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/28/91	YU
	G) Safety Off Force	3	3	3			8/28/91	YU
	H) Trigger Pull Test & Retainability						8/27/91	YU
	I) Firing Pin Indent	1022	10215	10215			8/28/91	YU
	J) Assemble Stock						8/29/91	RW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/29/91	RW
	M) Iron Sight Alignment						8/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/29/91	RW
	O) Attach Scope to Rifle						8/29/91	RW
	P) Detach & Attach Scope 20 Times						8/29/91	RW
640	Gallery Target & Test						8-29/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						8/29/91	KT
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.48	2.41	2.50	2.55	2.36	8-31-91	DH
	C) Function						8-31-91	DH
660	Pack						8-17-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO C-6636249

DATE 8/27/91

TESTER RL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.52	2.38	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.23	2.28	2.41	
PULL #3	2.37	2.27	2.33	2.50	
PULL #4	2.38	2.48	2.50	2.55	
PULL #5	2.41	2.30	2.48	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.26		
PULL #2	3.55	3.26		
PULL #3	3.56	3.33		
PULL #4	3.54	3.31		
PULL #5	3.63	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.58		4.59
PULL #2	4.36	4.60		4.58
PULL #3	4.26	4.63		4.31
PULL #4	4.37	4.54		4.31
PULL #5	4.40	4.47		4.52
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636249
29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.166337
1 TO	2	.413879
1 TO	3	.176045
1 TO	4	.812863
1 TO	5	.495688

31 4 <----FOR

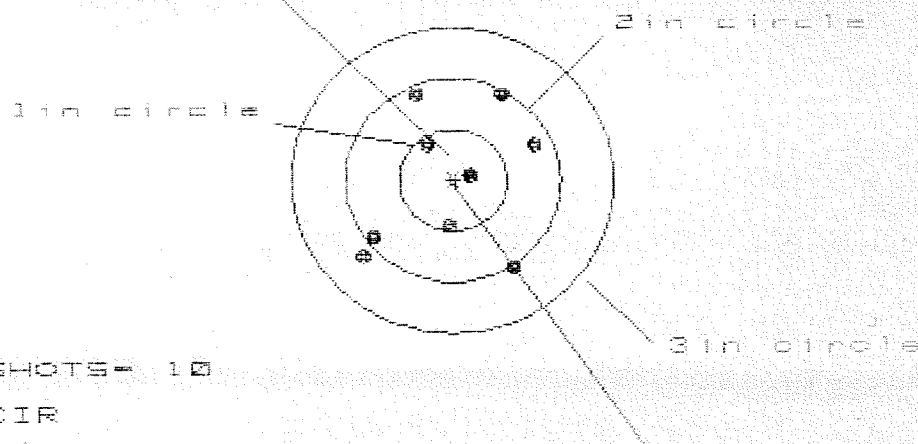
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1816
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0806
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129688
THE RHP FOR THIS RIFLE IS: .9626

29 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6635243

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.651

VS= 1.728

GS= 2.092

CENTROID #

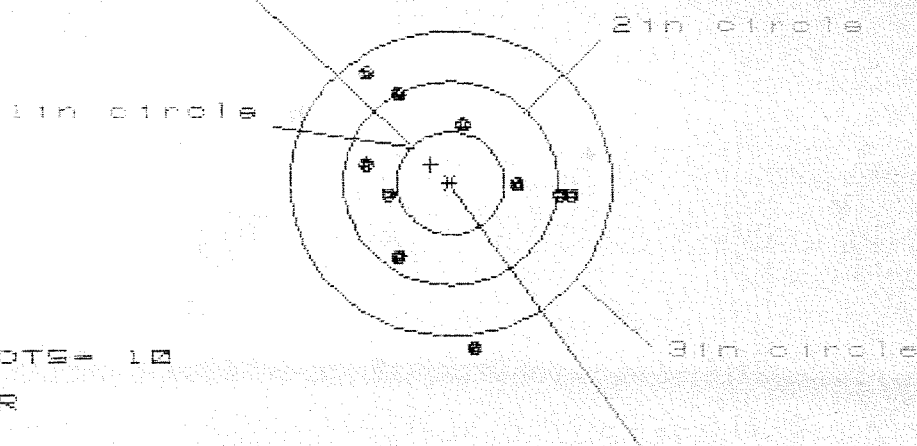
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.796	.701	.762
MINIMUM X	-.855	-.832	-.771
MAXIMUM Y	.895	.814	.700
MINIMUM Y	-.833	-.914	-.754
CENTROID X	-.158	-.063	-.124
CENTROID Y	-.052	.029	.143
POA TO CENTROID in.	.167	.070	.190
MIN RADIUS	.143	.066	.194
MEAN RADIUS	.709	.642	.605
MAX RADIUS	1.122	1.049	1.079
HORIZONTAL SPREAD	1.651	1.533	1.533
VERTICAL SPREAD	1.728	1.728	1.454
EXTREME SPREAD	2.092	1.955	1.887
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 1.942

VS= 2.690

GS= 2.873

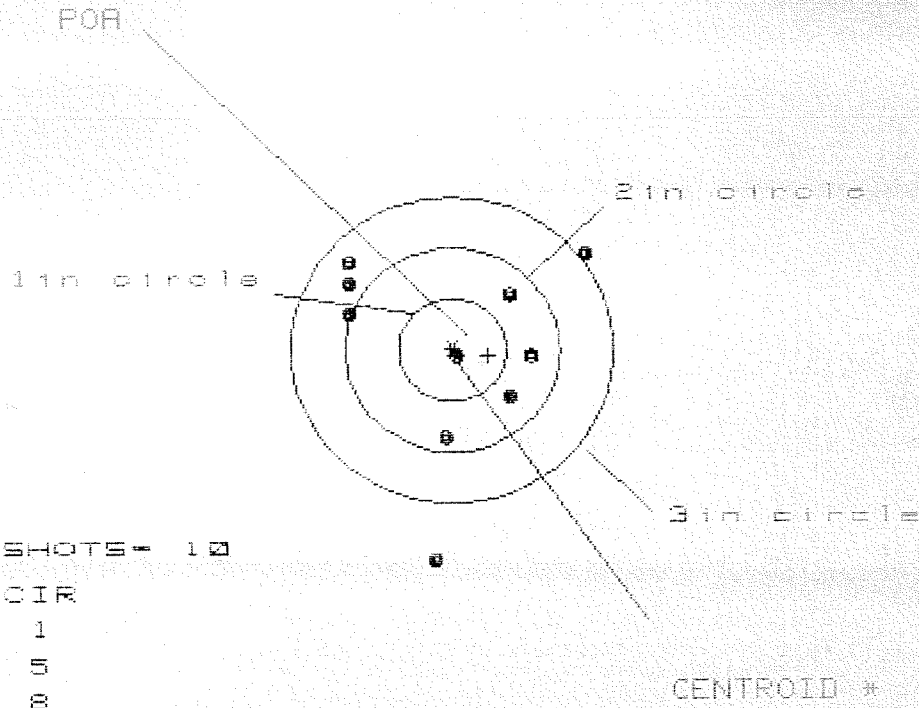
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	1.156	1.065
MINIMUM X	:	-.813	-.796	-.877
MAXIMUM Y	:	1.050	.867	.844
MINIMUM Y	:	-1.641	-.867	-.758
CENTROID X	:	.182	.155	.246
CENTROID Y	:	-.184	-.001	-.110
POA TO CENTROID in.	:	.259	.155	.270
MIN RADIUS	:	.565	.426	.519
MEAN RADIUS	:	.955	.857	.819
MAX RADIUS	:	1.659	1.194	1.081
HORIZONTAL SPREAD	:	1.942	1.942	1.942
VERTICAL SPREAD	:	2.690	1.734	1.602
EXTREME SPREAD	:	2.873	2.220	1.963
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.236

VS = 2.973

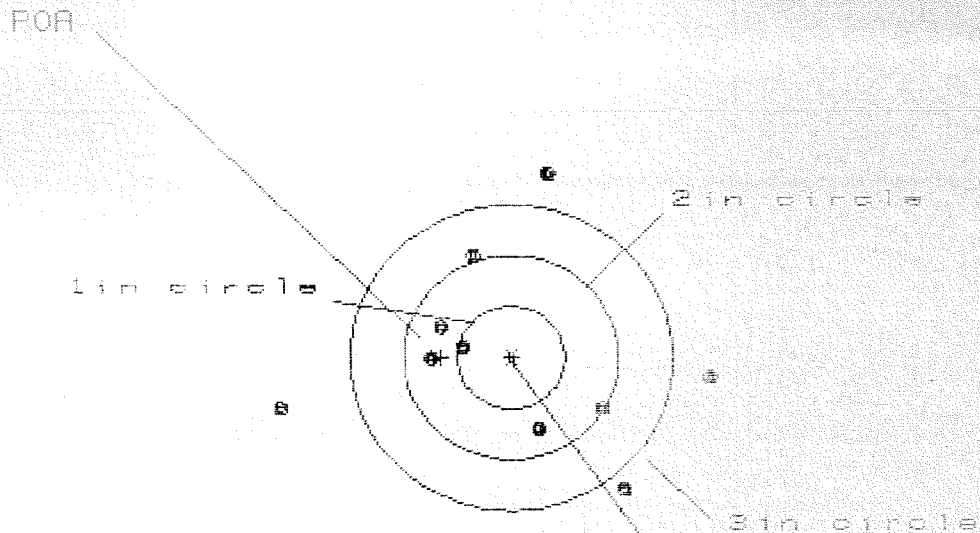
GS = 3.266

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.233
MINIMUM X	-1.003
MAXIMUM Y	.937
MINIMUM Y	-2.036
CENTROID X	-.334
CENTROID Y	.856
POA TO CENTROID in.	.338
MIN RADIUS	.086
MEAN RADIUS	1.031
MAX RADIUS	2.039
HORIZONTAL SPREAD	2.236
VERTICAL SPREAD	2.973
EXTREME SPREAD	3.266
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS= 3.977

VS= 3.132

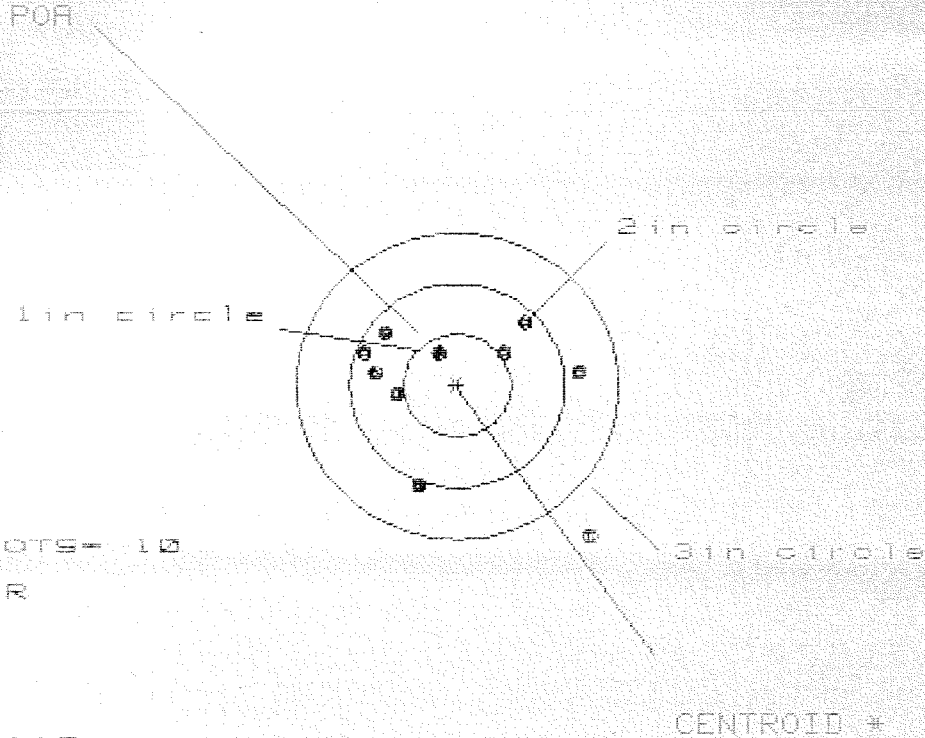
GS= 3.992

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.801	1.559	1.577
MINIMUM X	:	-2.176	-1.963	-1.945
MAXIMUM Y	:	1.814	1.755	1.113
MINIMUM Y	:	-1.318	-1.377	-1.158
CENTROID X	:	.653	.895	.877
CENTROID Y	:	-.003	.056	-.163
FOR TO CENTROID in.	:	.653	.897	.892
MIN RADIUS	:	.430	.665	.488
MEAN RADIUS	:	1.209	1.114	1.003
MAX RADIUS	:	2.240	1.761	1.577
HORIZONTAL SPREAD	:	3.977	2.522	2.522
VERTICAL SPREAD	:	3.132	3.132	2.271
EXTREME SPREAD	:	3.992	3.202	2.655
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	6		

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.117

VS= 2.078

GS= 2.778

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	1.232	.949
MINIMUM X	:	-.905	-.778	-.616
MAXIMUM Y	:	.649	.490	.432
MINIMUM Y	:	-1.429	-1.124	-1.122
CENTROID X	:	.165	.030	-.124
CENTROID Y	:	-.324	-.165	-.167
POA TO CENTROID in.	:	.364	.168	.207
MIN RADIUS	:	.321	.141	.223
MEAN RADIUS	:	.909	.748	.661
MAX RADIUS	:	1.874	1.232	1.124
HORIZONTAL SPREAD	:	2.117	2.002	1.565
VERTICAL SPREAD	:	2.078	1.614	1.614
EXTREME SPREAD	:	2.778	2.012	1.904
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	