

66498797

	RECORDS CONTROL SCHEDULE
RECORDS CATEGORY OR TITLE:	
	
COPY "O" (OFFICIAL) ☒ "X" (EXTRA) ☐	
TOTAL RETENTION: 	
	
GS-11050 Rev. 8/78	

65498797

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6498797	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498797

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9 90		RW
600	Proof	5 9 90		RW
607	Check Headspace	5 9 90		RW
610	Dis-assemble Gun	5 9 90		RW
612	Magnaflux Barrel Action	5-15-90		BER
	Magnaflux Bolt	5-15-90		BER
615	Rollmark Caliber	5-15-90		BS
617	Drill and Tap Sight Holes		5/19/90	FB
618	Polish Barrel RB		5/19/90	WS
620	Apply Coatings (Barrel Action)		5-25-90	TA
	Apply Coating (Bolt)			TA
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/7/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/7/90	WB
	G) Safety Off Force	2	2	2			6/7/90	WB
	H) Trigger Pull Test & Retainability						6/2/90	JH
	I) Firing Pin Indent	.0225	.0225	.0225			6/7/90	WB
	J) Assemble Stock						6/11/90	RW
	K) Assemble Swivel Studs						6-13-90	JH
	L) Attach Front and Rear Sight Assemblies						6/11/90	RW
	M) Iron Sight Alignment						6/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/11/90	RW
	O) Attach Scope to Rifle						6/11/90	WB
	P) Detach & Attach Scope 20 Times						6/11/90	WB
640	Gallery Target & Test						6-11-90	AC
	A) Time						6-11-90	AC
	B) Malfunctions						6-11-90	AC
	C) Pierced Primers						6-11-90	AC
	D) Optical Clarity of Scope						6-11-90	AC
645	Inspect for Live Ammo						6-11-90	AC
655	Final Inspection							
	A) Headspace						6-13-90	JH
	B) Trigger Pull	2.20	2.18	2.12	2.17	2.14	6/11-90	GS
	C) Function						6-13-90	JH
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6498797

DATE 6/7/98

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.35	2.40	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.27	2.35	2.18	
PULL #3	2.41	2.32	2.46	2.12	
PULL #4	2.53	2.33	2.36	2.17	
PULL #5	2.48	2.47	2.40	2.14	
TOTAL	12.34	11.74	11.97		
AVG.	2.468	2.348	2.394		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.29		
PULL #2	3.35	3.32		
PULL #3	3.30	3.35		
PULL #4	3.34	3.30		
PULL #5	3.29	3.35		
TOTAL	16.59	16.61		
AVG.	3.318	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.15		4.10
PULL #2	4.47	4.39		4.12
PULL #3	4.50	4.51		4.33
PULL #4	4.36	4.47		4.43
PULL #5	4.50	4.51		4.50
TOTAL	22.29	22.03		21.48
AVG.	4.458	4.406		4.296

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498797
12 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.0715891
1 TO	2	.043909
1 TO	3	.115802
1 TO	4	.271562
1 TO	5	.463393

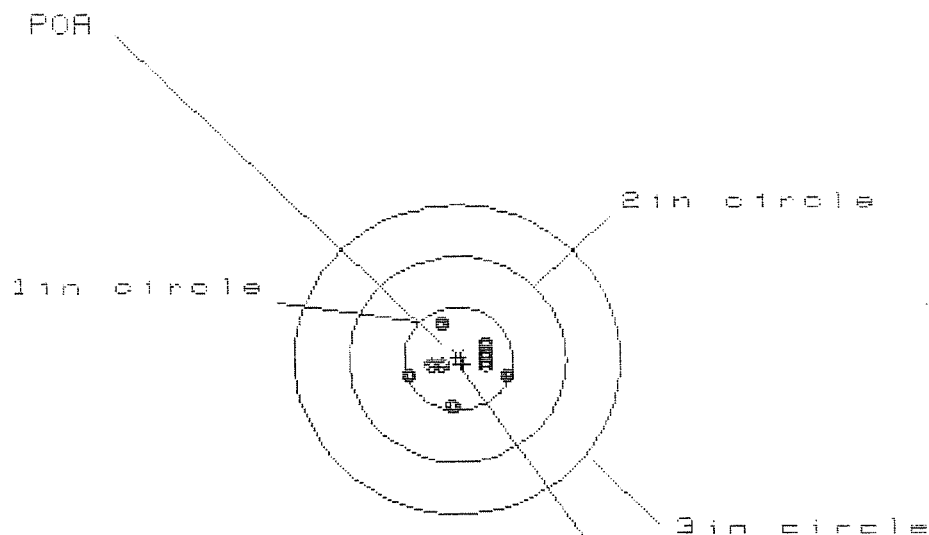
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .081
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0614
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101641
THE AMR FOR THIS RIFLE IS: .6666

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498797

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 9

2in = 10

3in = 10

HS= .875

VS= .877

GS= .884

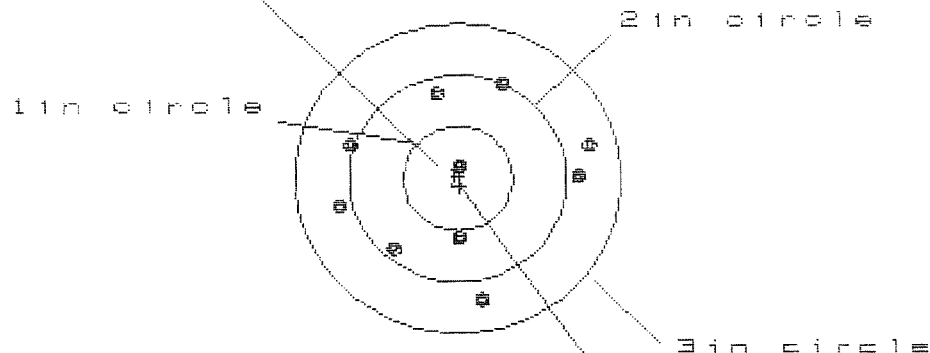
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.430	.424	.368
MINIMUM X	:	-.445	-.451	-.374
MAXIMUM Y	:	.376	.320	.292
MINIMUM Y	:	-.501	-.228	-.212
CENTROID X	:	-.047	-.041	.015
CENTROID Y	:	.054	.110	.138
POA TO CENTROID in.	:	.072	.117	.139
MIN RADIUS	:	.176	.198	.191
MEAN RADIUS	:	.340	.318	.288
MAX RADIUS	:	.504	.505	.425
HORIZONTAL SPREAD	:	.875	.875	.642
VERTICAL SPREAD	:	.877	.548	.504
EXTREME SPREAD	:	.884	.876	.779
NUMBER IN ONE INCH CIRCLE	=		9	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 2.229

VS = 2.142

GS = 2.293

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.162	1.188	1.295
MINIMUM X	:	-1.067	-1.041	-.893
MAXIMUM Y	:	.958	.826	.849
MINIMUM Y	:	-1.184	-.786	-.763
CENTROID X	:	-.009	-.035	-.183
CENTROID Y	:	.076	.208	.185
POA TO CENTROID in.	:	.077	.211	.261
MIN RADIUS	:	.167	.034	.145
MEAN RADIUS	:	.912	.860	.813
MAX RADIUS	:	1.207	1.201	1.296
HORIZONTAL SPREAD	:	2.229	2.229	2.188
VERTICAL SPREAD	:	2.142	1.612	1.612
EXTREME SPREAD	:	2.293	2.293	2.208
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.439

VS= 1.496

GS= 1.874

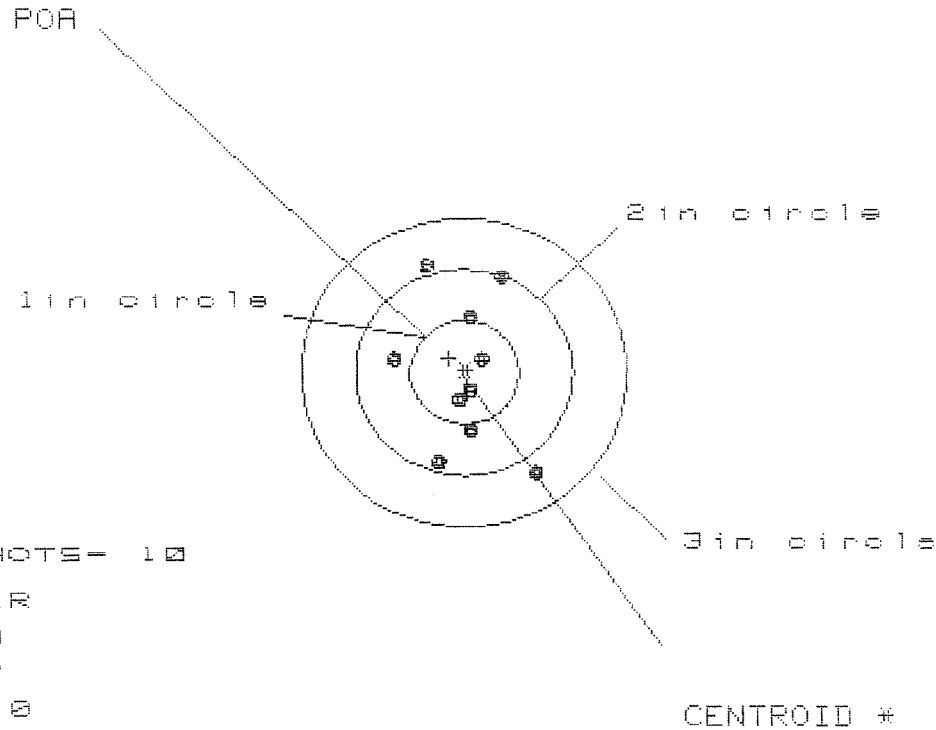
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.804	.746	.833
MINIMUM X	:	-.635	-.693	-.606
MAXIMUM Y	:	.608	.510	.559
MINIMUM Y	:	-.888	-.828	-.779
CENTROID X	:	.022	.080	-.007
CENTROID Y	:	-.039	.060	.011
POA TO CENTROID in.	:	.044	.100	.013
MIN RADIUS	:	.075	.169	.072
MEAN RADIUS	:	.619	.583	.523
MAX RADIUS	:	1.028	.833	.839
HORIZONTAL SPREAD	:	1.439	1.439	1.439
VERTICAL SPREAD	:	1.496	1.338	1.338
EXTREME SPREAD	:	1.874	1.466	1.445
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.326

VS= 1.959

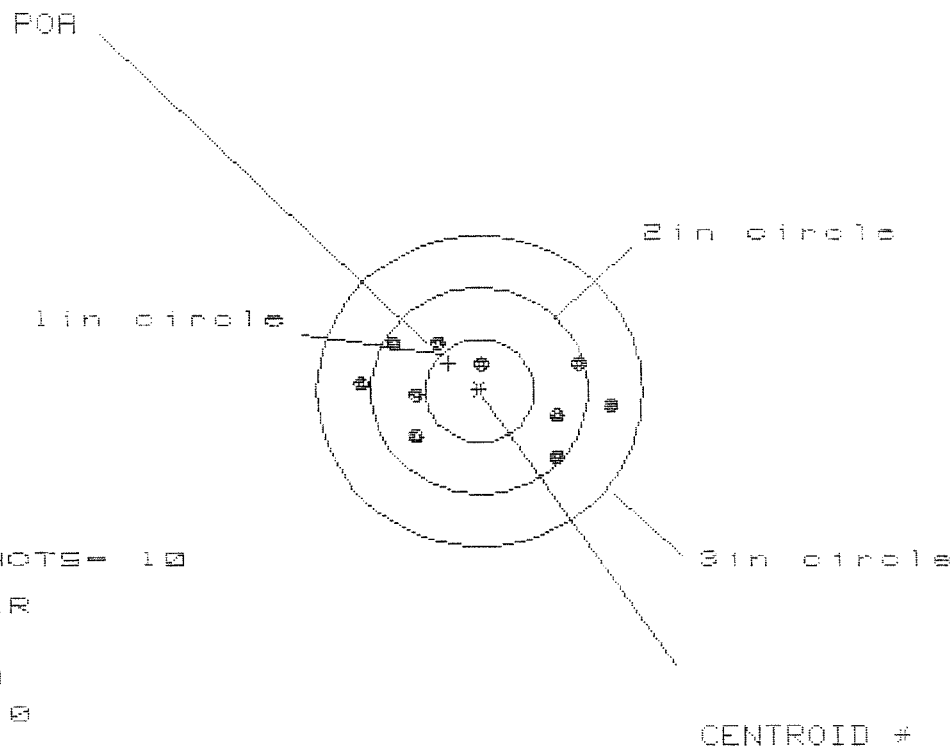
GS= 2.224

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.683	.415	.378
MINIMUM X	:	-.643	-.567	-.604
MAXIMUM Y	:	.987	.879	.964
MINIMUM Y	:	-.972	-.973	-.863
CENTROID X	:	.148	.072	.109
CENTROID Y	:	-.135	-.027	-.137
POA TO CENTROID in.	:	.200	.077	.174
MIN RADIUS	:	.160	.230	.180
MEAN RADIUS	:	.657	.608	.544
MAX RADIUS	:	1.188	.991	1.036
HORIZONTAL SPREAD	:	1.326	.982	.982
VERTICAL SPREAD	:	1.959	1.852	1.828
EXTREME SPREAD	:	2.224	1.924	1.924
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Jun 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

H= 2.253

V= 1.064

G= 2.266

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	1.049	.929
MINIMUM X	:	-1.094	-.965	-.888
MAXIMUM Y	:	.444	.427	.437
MINIMUM Y	:	-.620	-.637	-.627
CENTROID X	:	.291	.162	.282
CENTROID Y	:	-.263	-.246	-.256
POA TO CENTROID in.	:	.392	.294	.381
MIN RADIUS	:	.251	.267	.244
MEAN RADIUS	:	.805	.744	.721
MAX RADIUS	:	1.169	1.078	.964
HORIZONTAL SPREAD	:	2.253	2.014	1.729
VERTICAL SPREAD	:	1.064	1.064	1.064
EXTREME SPREAD	:	2.266	2.021	1.825
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	