

C6611809

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

MODEL 700TM H24

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

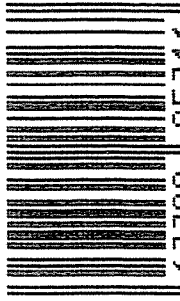
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6611809	ORDER NO. 5716
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5716 C6611809

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611809

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	Rw
600	Proof	3 28	91	Rw
607	Check Headspace	3 28	91	Rw
610	Dis-assemble Gun	3 28	91	Rw
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	Y
615	Rollmark Caliber	APR	2 1991	LS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)	4-9-91		TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	Rw
	C) Inspect Ejector Hole for Chamfer		4/10/91	Rw
	D) Oil Firing Pin Ass'y		4/10/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		4/22/91	Rw

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	7	7			4-22-91	D/H
	G) Safety Off Force	3	3 1/2	3			4-22-91	D/H
	H) Trigger Pull Test & Retainability						4/22/91	RU
	I) Firing Pin Indent	.022	.021	.022			4-22-91	D/H
	J) Assemble Stock						4/23/91	RW
	K) Assemble Swivel Studs						5-2-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/23/91	RW
	M) Iron Sight Alignment						4/23/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/23/91	RW
	O) Attach Scope to Rifle						4/23/91	RW
	P) Detach & Attach Scope 20 Times						4/23/91	RW
640	Gallery Target & Test						4-24-91	D/H
	A) Time						4-24-91	D/H
	B) Malfunctions						4-24-91	D/H
	C) Pierced Primers						4-24-91	D/H
	D) Optical Clarity of Scope						4-24-91	D/H
645	Inspect for Live Ammo						4-24-91	D/H
655	Final Inspection							
	A) Headspace						5-2-91	D/H
	B) Trigger Pull	2.15	2.12	2.14	2.21	2.24	4/26/91	RU
	C) Function						5-2-91	D/H
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611809

DATE 4/22/91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.44	2.20	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.28	2.25	2.12	
PULL #3	2.42	2.19	2.33	2.14	
PULL #4	2.40	2.21	2.20	2.21	
PULL #5	2.12	2.18	2.22	2.24	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.14		
PULL #2	3.42	3.22		
PULL #3	3.36	3.20		
PULL #4	3.35	3.19		
PULL #5	3.34	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.61	4.48		4.46
PULL #2	4.59	4.30		4.50
PULL #3	4.33	4.47		4.52
PULL #4	4.51	4.49		4.23
PULL #5	4.49	4.49		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611809
24 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.447161
1 TO	2	.969389
1 TO	3	.839177
1 TO	4	1.17046
1 TO	5	.582168

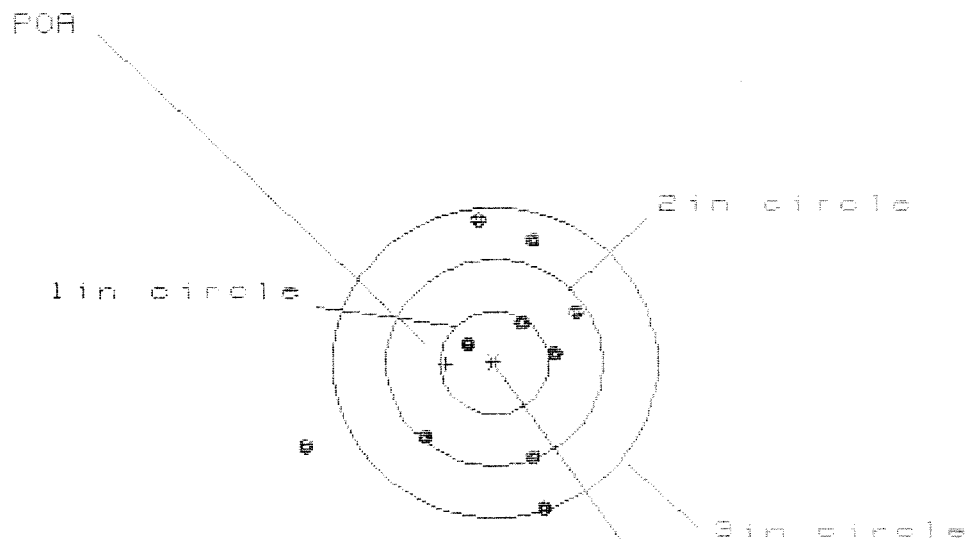
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2858
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .314308
THE AMR FOR THIS RIFLE IS: 1.06

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611089

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.503

VS= 2.799

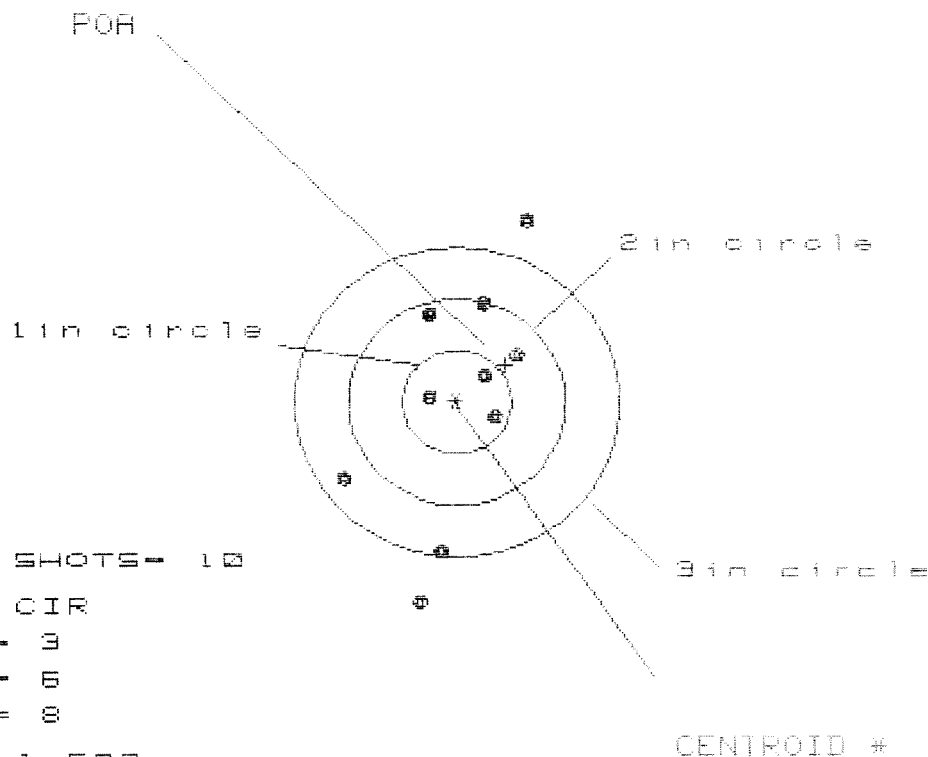
GS= 2.849

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.734	.538	.564
MINIMUM X	:	-1.769	-.801	-.775
MAXIMUM Y	:	1.396	1.307	1.120
MINIMUM Y	:	-1.403	-1.492	-1.188
CENTROID X	:	.447	.643	.617
CENTROID Y	:	.012	.101	.288
POA TO CENTROID in.	:	.447	.651	.681
MIN RADIUS	:	.317	.319	.164
MEAN RADIUS	:	1.021	.879	.771
MAX RADIUS	:	1.942	1.507	1.232
HORIZONTAL SPREAD	:	2.503	1.339	1.339
VERTICAL SPREAD	:	2.799	2.799	2.308
EXTREME SPREAD	:	2.949	2.846	2.363
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B110B3

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 1.699

VS = 3.638

GS = 3.764

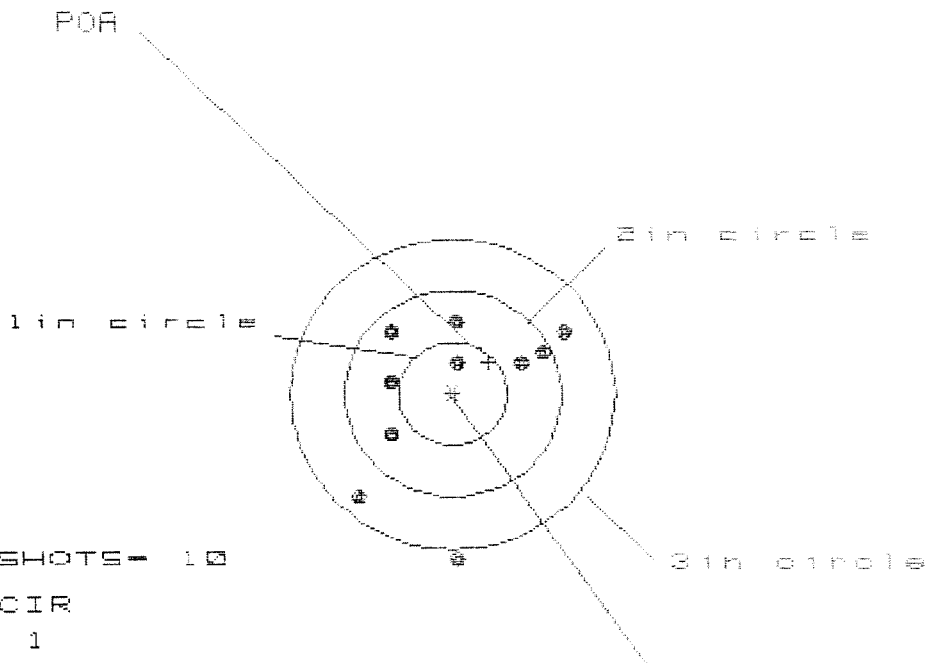
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.637	.681	.635
MINIMUM X	:	-1.062	-1.098	-1.023
MAXIMUM Y	:	1.719	1.506	.890
MINIMUM Y	:	-1.919	-1.668	-1.479
CENTROID X	:	-.449	-.413	-.488
CENTROID Y	:	-.358	-.145	-.334
POA TO CENTROID in.	:	.575	.438	.591
MIN RADIUS	:	.267	.197	.223
MEAN RADIUS	:	1.012	.870	.791
MAX RADIUS	:	1.947	1.680	1.485
HORIZONTAL SPREAD	:	1.699	1.699	1.658
VERTICAL SPREAD	:	3.638	3.174	2.369
EXTREME SPREAD	:	3.764	3.274	2.412
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611809

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.938

VS= 2.324

GS= 2.540

CENTROID *

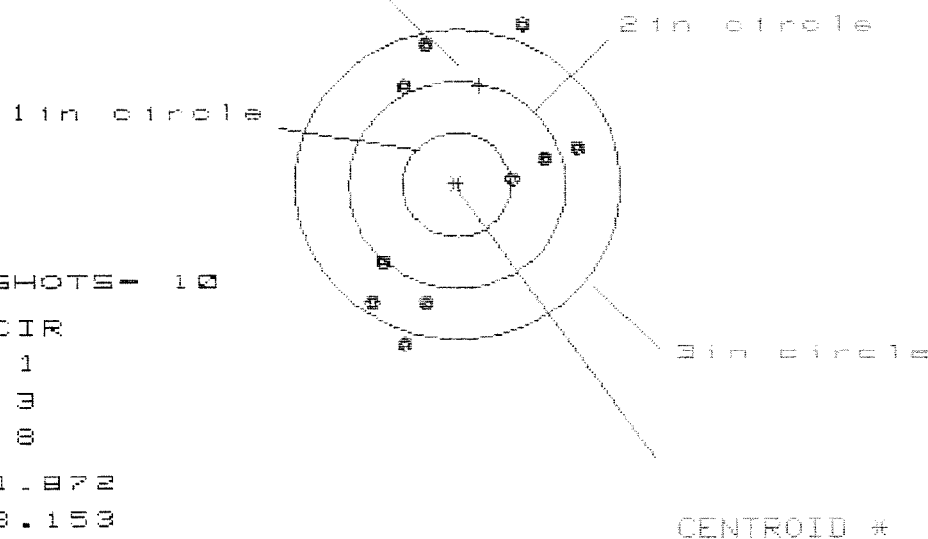
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.031	1.033	.920
MINIMUM X	:	-.907	-.905	-.680
MAXIMUM Y	:	.711	.531	.382
MINIMUM Y	:	-1.613	-1.194	-.729
CENTROID X	:	-.330	-.332	-.219
CENTROID Y	:	-.305	-.125	.024
POA TO CENTROID in.	:	.449	.355	.221
MIN RADIUS	:	.299	.125	.078
MEAN RADIUS	:	.888	.760	.637
MAX RADIUS	:	1.613	1.498	.991
HORIZONTAL SPREAD	:	1.938	1.938	1.600
VERTICAL SPREAD	:	2.324	1.725	1.111
EXTREME SPREAD	:	2.540	2.540	1.894
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811889

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 8

HS - 1.872

VS - 3.153

GS - 3.344

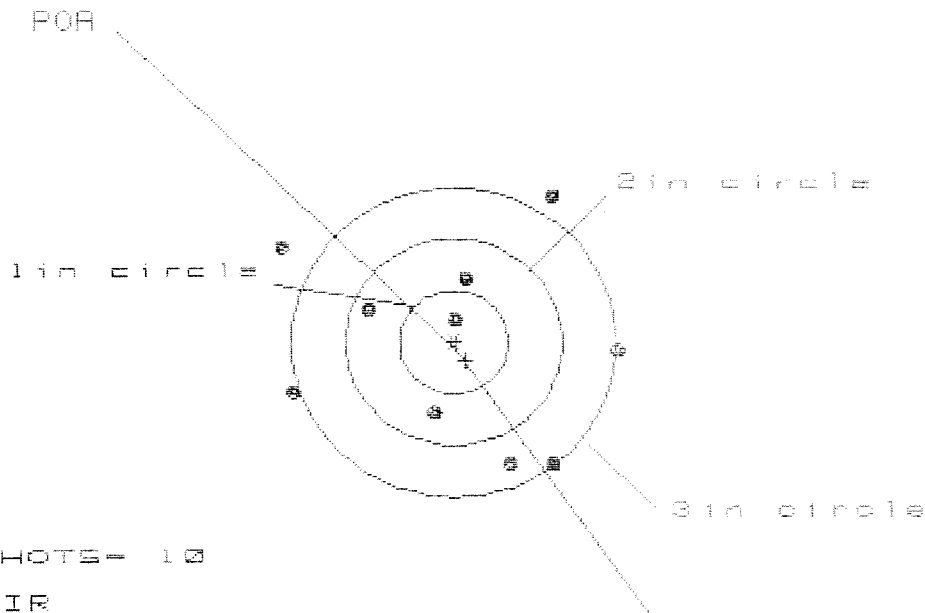
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.155	1.104
MINIMUM X	:	-0.787	-0.717	-0.768
MAXIMUM Y	:	1.573	1.556	1.381
MINIMUM Y	:	-1.580	-1.405	-1.160
CENTROID X	:	-0.211	-0.281	-0.230
CENTROID Y	:	-0.956	-1.131	-0.956
POA TO CENTROID in.	:	0.979	1.166	0.983
MIN RADIUS	:	0.465	0.581	0.483
MEAN RADIUS	:	1.196	1.133	1.078
MAX RADIUS	:	1.695	1.575	1.412
HORIZONTAL SPREAD	:	1.872	1.872	1.872
VERTICAL SPREAD	:	3.153	2.961	2.541
EXTREME SPREAD	:	3.344	2.966	2.572
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Apr 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8611803

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.135

VS= 2.611

GS= 3.290

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.553	1.378	1.474
MINIMUM X	-1.582	-1.636	-1.540
MAXIMUM Y	1.415	1.517	.932
MINIMUM Y	-1.196	-1.094	-.984
CENTROID X	-.111	.064	-.032
CENTROID Y	.178	.076	-.114
POA TO CENTROID in.	.210	.099	.118
MIN RADIUS	.266	.423	.430
MEAN RADIUS	1.183	1.115	1.027
MAX RADIUS	1.831	1.700	1.552
HORIZONTAL SPREAD	3.135	3.014	3.014
VERTICAL SPREAD	2.611	2.611	1.836
EXTREME SPREAD	3.290	3.063	3.042
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	