

C6587553

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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.
C6587553

ORDER NO.
5716

Ø1



5716 C6587553

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587553

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KJ
600	Proof		10/19/90	KJ
607	Check Headspace		10/19/90	KJ
610	Dis-assemble Gun		10/19/90	KJ
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GL
617	Drill and Tap Sight Holes		10/23/90	FB
618	Polish Barrel <i>RB</i>		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/7/90	KS

11-898 JJA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 3/4	5 3/4			11/7/90	KS
	G) Safety Off Force	2 3/4	2 1/2	3.0			11/7/90	KS
	H) Trigger Pull Test & Retainability						11-8-90	SH
	I) Firing Pin Indent	.020	.021	.020			11/7/90	KS
	J) Assemble Stock						11/9/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/9/90	KS
	M) Iron Sight Alignment						11/9/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/9/90	KS
	O) Attach Scope to Rifle						11/9/90	KS
	P) Detach & Attach Scope 20 Times						11/9/90	KS
640	Gallery Target & Test						11-12-90	KS
	A) Time						"	KS
	B) Malfunctions						"	KS
	C) Pierced Primers						"	KS
	D) Optical Clarity of Scope						"	KS
645	Inspect for Live Ammo						11-12-90	KS
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	263	261	246	261	260	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/19/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587553

DATE 11-8-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.37	2.42	263	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.17	2.31	2.28	261	
PULL #3	2.36	2.38	2.33	246	
PULL #4	2.47	2.31	2.41	261	
PULL #5	2.48	2.22	2.31	260	
TOTAL	11.66	11.59	11.75		
AVG.	2.332	2.318	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.33		
PULL #2	3.05	3.48		
PULL #3	3.12	3.22		
PULL #4	3.22	3.18		
PULL #5	3.15	3.22		
TOTAL	15.76	16.43		
AVG.	3.152	3.286		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.29		4.24
PULL #2	4.17	4.33		4.26
PULL #3	4.49	4.23		4.18
PULL #4	4.22	4.40		4.39
PULL #5	4.43	4.43		4.34
TOTAL	21.52	21.68		21.41
AVG.	4.304	4.336		4.282

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587553
12 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.480926
1 TO 2	.57808
1 TO 3	.621136
1 TO 4	.646233
1 TO 5	.573917

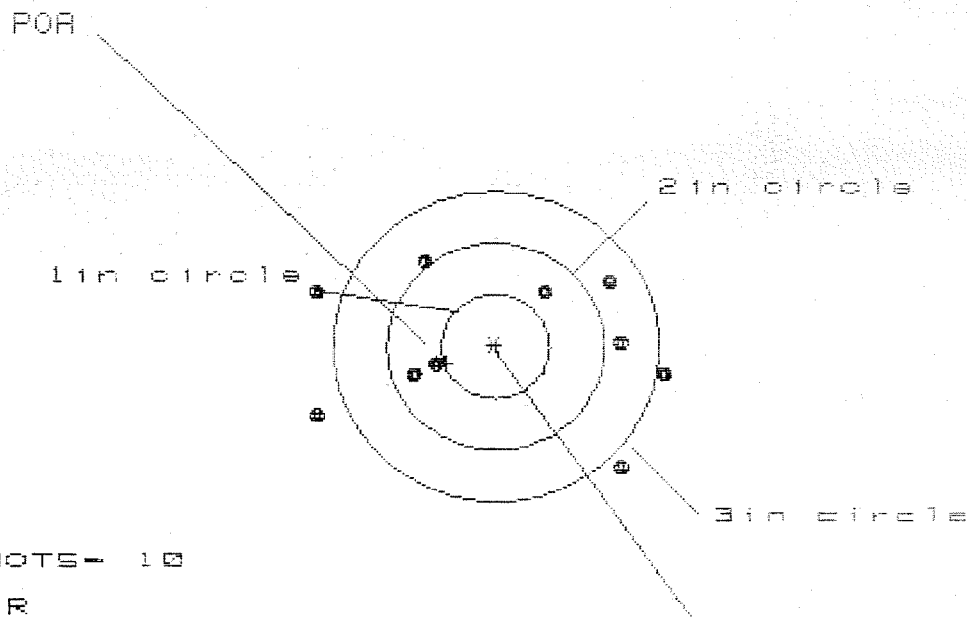
1 (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0148
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0167296
THE AMR FOR THIS RIFLE IS: .9954

12 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587553

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.222

VS= 1.991

GS= 3.311

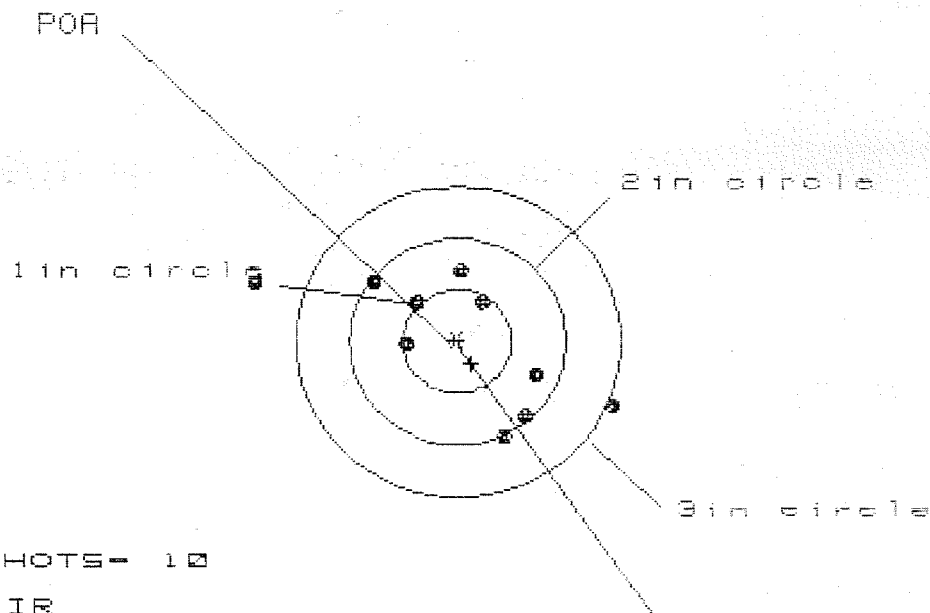
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.544	1.358	1.126
MINIMUM X	-1.678	-1.853	-1.174
MAXIMUM Y	.853	.773	.826
MINIMUM Y	-1.138	-1.218	-1.165
CENTROID X	.451	.637	.869
CENTROID Y	.167	.247	.194
POA TO CENTROID in.	.481	.684	.891
MIN RADIUS	.551	.547	.542
MEAN RADIUS	1.228	1.146	1.031
MAX RADIUS	1.823	1.900	1.374
HORIZONTAL SPREAD	3.222	3.211	2.398
VERTICAL SPREAD	1.991	1.991	1.991
EXTREME SPREAD	3.311	3.311	2.670
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

12 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587553

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in - 1

2in - 8

3in - 8

HS - 3.299

VS - 1.589

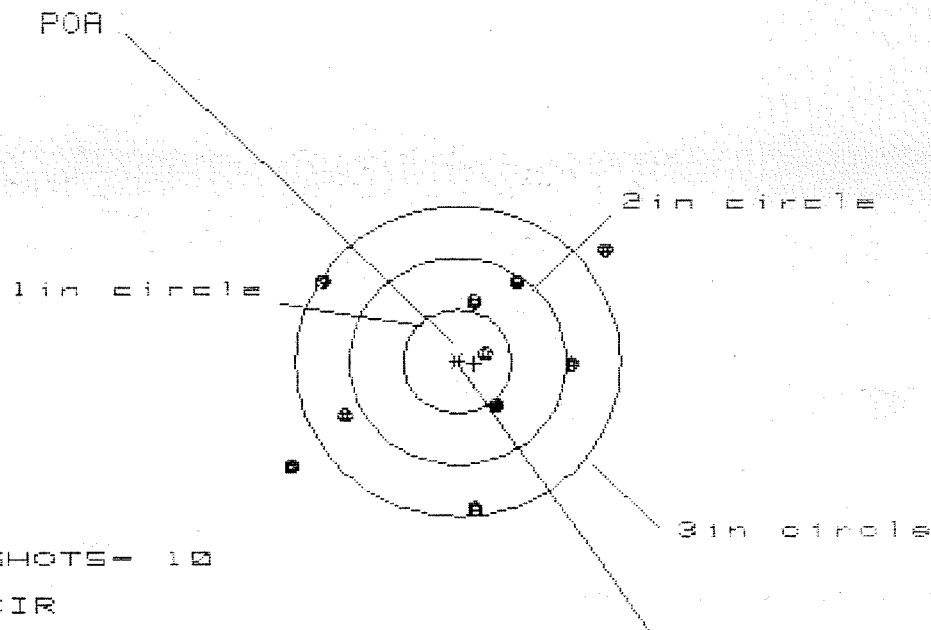
GS - 3.500

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.461	1.257	.666
MINIMUM X	:	-1.838	-.948	-.791
MAXIMUM Y	:	.693	.753	.683
MINIMUM Y	:	-.897	-.836	-.906
CENTROID X	:	-.125	.079	-.078
CENTROID Y	:	.216	.156	.226
POA TO CENTROID in.	:	.250	.175	.239
MIN RADIUS	:	.428	.406	.394
MEAN RADIUS	:	.928	.812	.721
MAX RADIUS	:	1.918	1.376	.990
HORIZONTAL SPREAD	:	3.299	2.205	1.457
VERTICAL SPREAD	:	1.589	1.589	1.589
EXTREME SPREAD	:	3.500	2.522	1.892
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587553

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 8

HS - 2.884

VS - 2.452

GS - 3.580

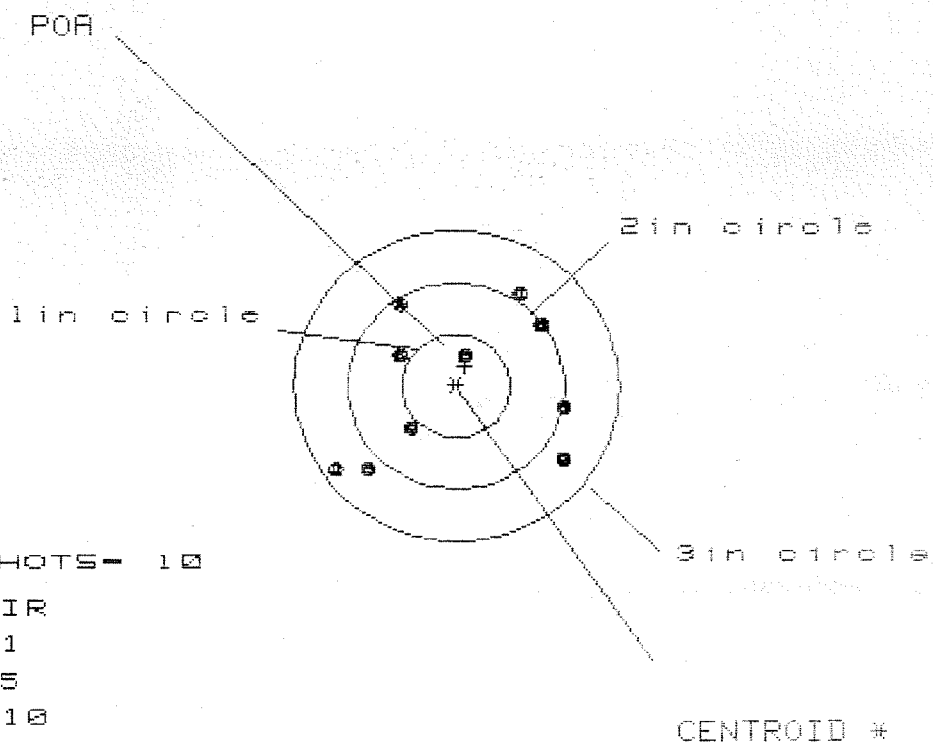
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.362
MINIMUM X	-1.522
MAXIMUM Y	1.058
MINIMUM Y	-1.394
CENTROID X	-.152
CENTROID Y	.018
POA TO CENTROID in.	.153
MIN RADIUS	.253
MEAN RADIUS	1.088
MAX RADIUS	1.856
HORIZONTAL SPREAD	2.884
VERTICAL SPREAD	2.452
EXTREME SPREAD	3.580
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

12 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587553

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.116

VS= 1.758

GS= 2.420

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.002	.878	.944
MINIMUM X	-1.114	-.988	-.878
MAXIMUM Y	.908	.819	.716
MINIMUM Y	-.850	-.939	-1.042
CENTROID X	-.085	.039	-.071
CENTROID Y	-.194	-.105	-.002
POA TO CENTROID in.	.212	.112	.071
MIN RADIUS	.352	.254	.166
MEAN RADIUS	.935	.871	.802
MAX RADIUS	1.372	1.363	1.363
HORIZONTAL SPREAD	2.116	1.866	1.822
VERTICAL SPREAD	1.758	1.758	1.758
EXTREME SPREAD	2.420	2.288	2.288
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

12 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587553

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS = 2.342

VS = 1.796

GS = 2.839

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	.969	.654
MINIMUM X	:	-1.235	-.881	-.760
MAXIMUM Y	:	.800	.711	.607
MINIMUM Y	:	-.996	-1.085	-.996
CENTROID X	:	-.015	.122	.001
CENTROID Y	:	-.168	-.079	-.168
POA TO CENTROID in.	:	.169	.145	.168
MIN RADIUS	:	.298	.315	.291
MEAN RADIUS	:	.798	.704	.640
MAX RADIUS	:	1.474	1.225	1.092
HORIZONTAL SPREAD	:	2.342	1.850	1.414
VERTICAL SPREAD	:	1.796	1.796	1.603
EXTREME SPREAD	:	2.839	2.364	1.769
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	