

C6649069

MODEL 700TM N24

Model **SMS**TM

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.
C6649069

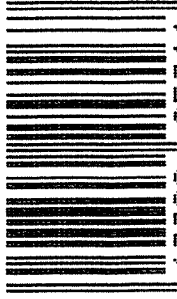
ORDER NO.
5716

20



5716 C6649069

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649069

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	SS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
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		8/28/91	HL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6			8-28-91	DH
	G) Safety Off Force	3	2½	2½			8-28-91	DH
	H) Trigger Pull Test & Retainability						8/28/91	JH
	I) Firing Pin Indent	.021	.022	.021			8-28-91	DH
	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	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-29-91	NF
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	238	248	253	258	267	8-31-91	DH
	C) Function						8-31-91	DH
660	Pack						8-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6649069

DATE 8/28/91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.49	2.47	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.48	2.49	2.48	
PULL #3	2.44	2.46	2.50	2.53	
PULL #4	2.44	2.46	2.43	2.58	
PULL #5	2.46	2.47	2.40	2.67	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.46		
PULL #2	3.53	3.55		
PULL #3	3.44	3.48		
PULL #4	3.25	3.31		
PULL #5	3.18	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.41		4.35
PULL #2	4.32	4.23		4.41
PULL #3	4.29	4.18		4.24
PULL #4	4.38	4.19		4.34
PULL #5	4.38	4.19		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649069
29 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.196736
1 TO 2	.501597
1 TO 3	.791255
1 TO 4	.317591
1 TO 5	.519728

$\frac{1+2}{5}$ <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0338
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113356
THE AMP FOR THIS RIFLE IS: .8204

29 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649069

CENTERFIRE PATTERNS # 3

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = .987

VS = 2.403

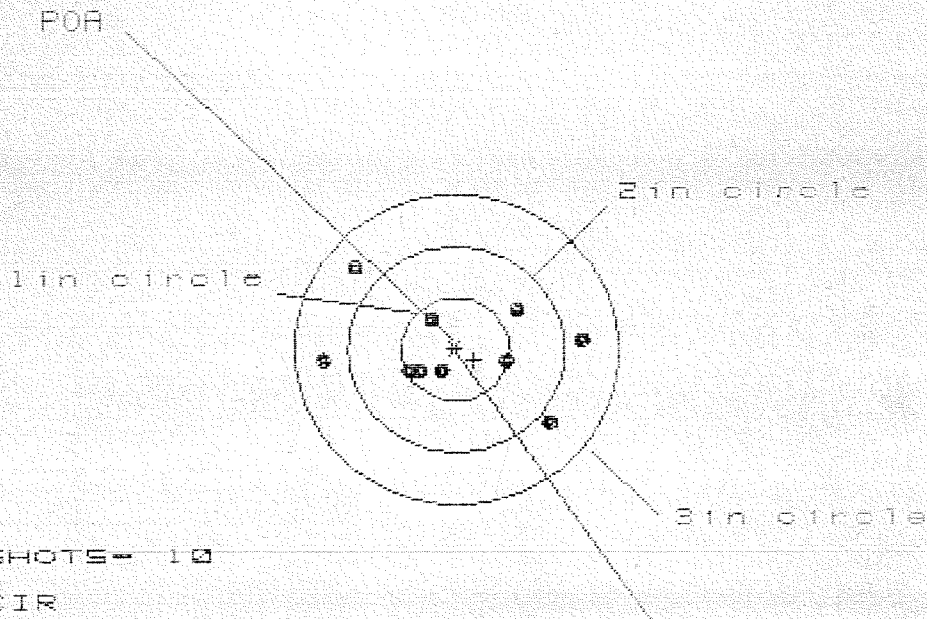
GS = 2.438

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.380	.421	.422
MINIMUM X	:	-.507	-.465	-.464
MAXIMUM Y	:	1.211	1.079	.889
MINIMUM Y	:	-1.192	-1.139	-1.004
CENTROID X	:	.143	.101	.100
CENTROID Y	:	-.624	-.492	-.627
POB TO CENTROID IN.	:	.640	.502	.634
MIN RADIUS	:	.193	.060	.194
MEAN RADIUS	:	.765	.680	.645
MAX RADIUS	:	1.251	1.215	1.090
HORIZONTAL SPREAD	:	.887	.886	.886
VERTICAL SPREAD	:	2.403	2.219	1.893
EXTREME SPREAD	:	2.438	2.256	2.090
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 6

3 in = 10

HS = 2.363

VS = 1.494

GS = 2.377

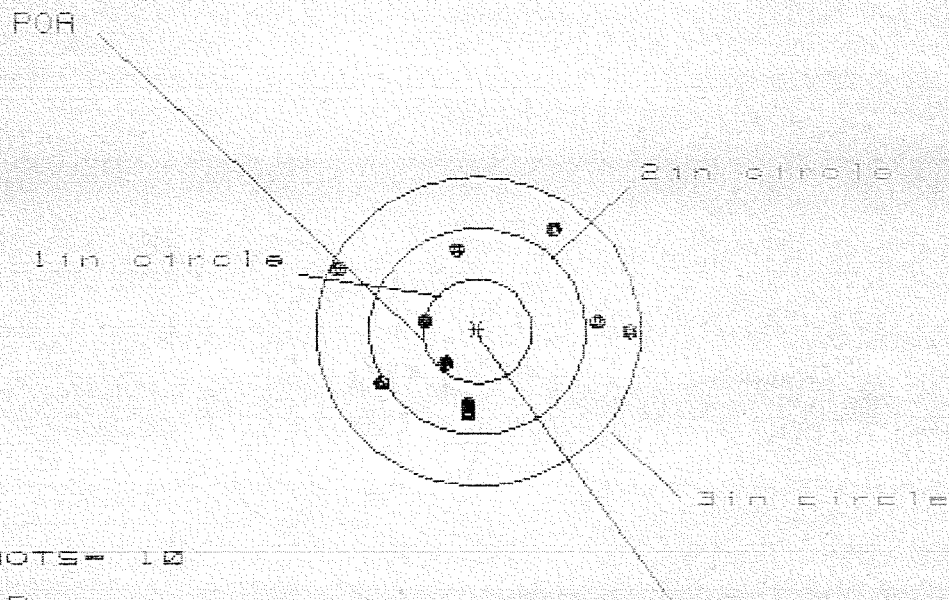
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.176	1.076	.915
MINIMUM X	-1.187	-1.287	-.658
MAXIMUM Y	.906	.485	.482
MINIMUM Y	-.688	-.599	-.602
CENTROID X	-.167	-.067	.093
CENTROID Y	.104	.015	.018
POA TO CENTROID in.	.197	.069	.095
MIN RADIUS	.231	.250	.225
MEAN RADIUS	.726	.672	.600
MAX RADIUS	1.203	1.287	.944
HORIZONTAL SPREAD	2.363	2.363	1.574
VERTICAL SPREAD	1.494	1.084	1.084
EXTREME SPREAD	2.377	2.377	1.620
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2

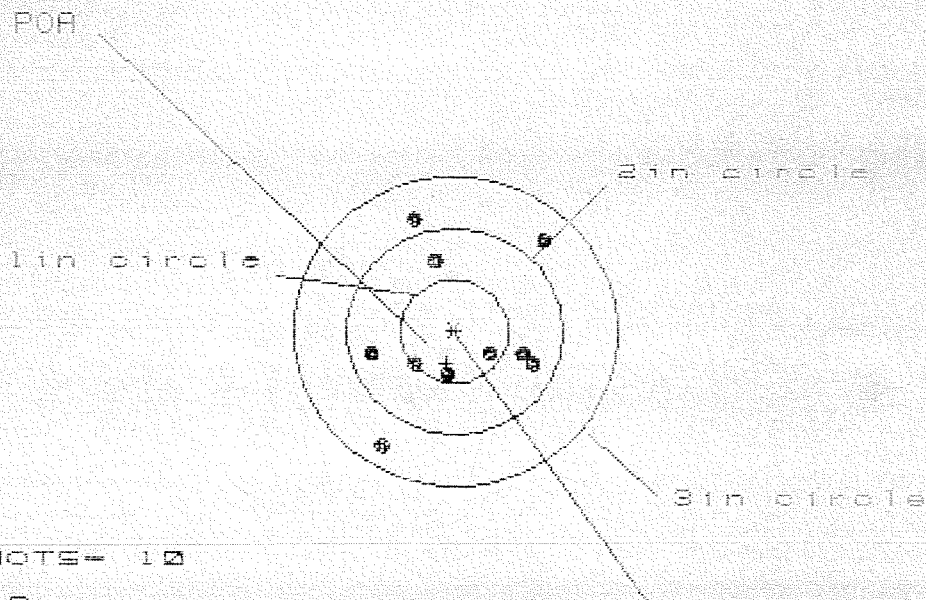


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.413	1.286	1.145
MINIMUM X	:	-1.286	-1.129	-0.832
MAXIMUM Y	:	.950	.946	1.016
MINIMUM Y	:	-.849	-.853	-.783
CENTROID X	:	.293	.136	.277
CENTROID Y	:	.304	.308	.238
POA TO CENTROID in.	:	.423	.337	.365
MIN RADIUS	:	.406	.307	.347
MEAN RADIUS	:	.943	.861	.815
MAX RADIUS	:	1.413	1.289	1.237
HORIZONTAL SPREAD	:	2.699	2.415	1.977
VERTICAL SPREAD	:	1.799	1.799	1.799
EXTREME SPREAD	:	2.765	2.461	2.146
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6B49063

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.620

VS= 2.190

GS= 2.519

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.825	.752	.703
MINIMUM X	:	-.795	-.868	-.774
MAXIMUM Y	:	1.074	.950	1.050
MINIMUM Y	:	-1.116	-.507	-.487
CENTROID X	:	.073	.146	.052
CENTROID Y	:	.312	.436	.336
POA TO CENTROID in.	:	.320	.459	.340
MIN RADIUS	:	.343	.369	.373
MEAN RADIUS	:	.776	.727	.659
MAX RADIUS	:	1.292	1.098	1.116
HORIZONTAL SPREAD	:	1.620	1.620	1.477
VERTICAL SPREAD	:	2.190	1.457	1.457
EXTREME SPREAD	:	2.519	1.972	1.775
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8849069

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 4.038

VS= 1.989

GS= 4.038

PATTERN #	1	5	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.704	.714	.534
MINIMUM X	-1.334	-1.033	-.381
MAXIMUM Y	1.035	.930	.798
MINIMUM Y	-.954	-1.059	-.764
CENTROID X	.199	-.102	.028
CENTROID Y	-.265	-.160	-.028
POA TO CENTROID in.	.331	.190	.039
MIN RADIUS	.174	.099	.088
MEAN RADIUS	.892	.628	.512
MAX RADIUS	2.864	1.479	.834
HORIZONTAL SPREAD	4.038	1.747	.965
VERTICAL SPREAD	1.989	1.989	1.562
EXTREME SPREAD	4.038	2.333	1.565
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	