

06649162

MODEL 700TM N24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

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

DUPONT

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

MODEL 700TM H24

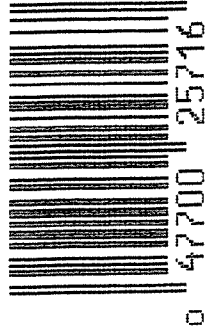
SERIAL NO.
C6649162

ORDER NO.
5716

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



UPC



CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL #

C6649162

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/2/91	KH
600	Proof		8/2/91	KH
607	Check Headspace		8/2/91	KH
610	Dis-assemble Gun		8/2/91	KH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	DS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	W/B
620	Apply Coatings (Barrel Action)		8-27-91	KH
	Apply Coating (Bolt)			KH
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KH
	C) Inspect Ejector Hole for Chamfer		9/4/91	KH
	D) Oil Firing Pin Ass'y		9/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/91	KH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/10/91	JH
	G) Safety Off Force	2	2	2			9/10/91	JH
	H) Trigger Pull Test & Retainability						9/10/91	JH
	I) Firing Pin Indent	.0205	.021	.021			9/10/91	JH
	J) Assemble Stock						9/12/91	JH
	K) Assemble Swivel Studs						9/13/91	JH
	L) Attach Front and Rear Sight Assemblies						9/12/91	JH
	M) Iron Sight Alignment						9/12/91	JH
	N) Detach Front & Rear Sights & place in numbered container						9/12/91	JH
	O) Attach Scope to Rifle						9/12/91	JH
	P) Detach & Attach Scope 20 Times						9/12/91	JH
640	Gallery Target & Test						9/12/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						9/12/91	KJ
655	Final Inspection							
	A) Headspace						9/13/91	JH
	B) Trigger Pull	2.66	2.64	2.66	2.69	2.68	9/13/91	JH
	C) Function						9/13/91	JH
660	Pack						9-19-91	RE

SWS TRIGGER PULL TEST

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

SERIAL NO C-6649162
DATE 9-10-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.30	2.50	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.48	2.55	2.64	
PULL #3	2.57	2.60	2.44	2.66	
PULL #4	2.60	2.44	2.40	2.69	
PULL #5	2.58	2.48	2.43	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.27		
PULL #2	3.31	3.54		
PULL #3	3.30	3.56		
PULL #4	3.27	3.61		
PULL #5	3.26	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.40		4.46
PULL #2	4.44	4.22		4.48
PULL #3	4.41	4.31		4.53
PULL #4	4.37	4.41		4.44
PULL #5	4.39	4.22		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649162
12 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.236231
1 TO 2	.181728
1 TO 3	.189929
1 TO 4	.122262
1 TO 5	.16289

<----POB

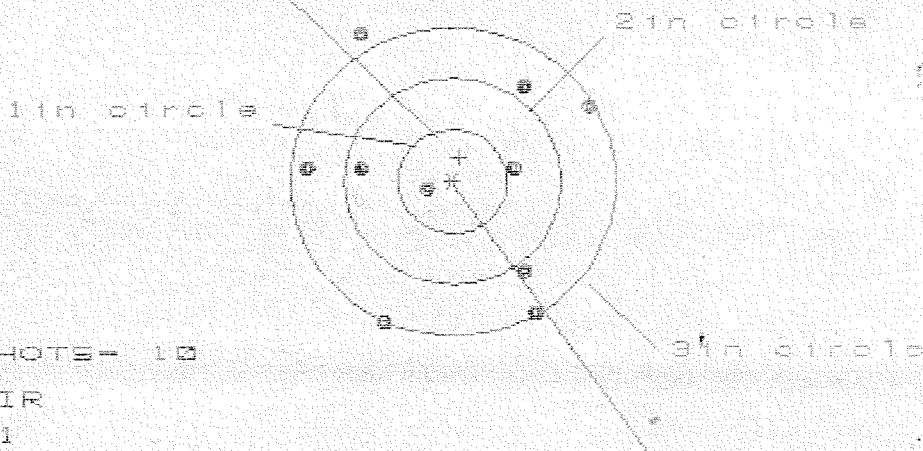
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .103677
THE AMR FOR THIS RIFLE IS: .9468

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649162

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.585

VS= 2.832

GS= 3.117

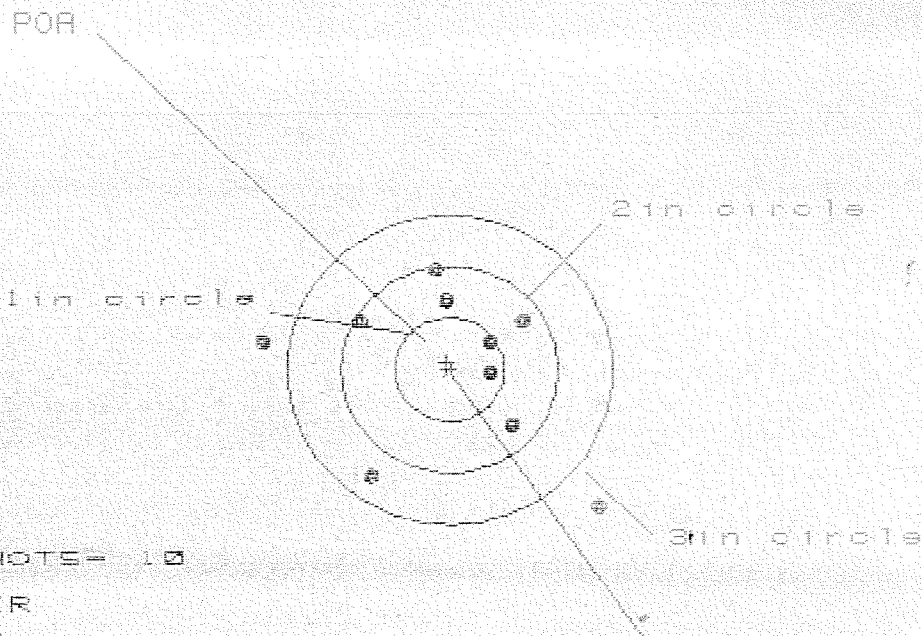
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.279	1.189	1.093
MINIMUM X	:	-1.306	-1.396	-1.492
MAXIMUM Y	:	1.457	1.053	.902
MINIMUM Y	:	-1.375	-1.213	-1.230
CENTROID X	:	-.058	.032	.128
CENTROID Y	:	-.229	-.391	-.240
POA TO CENTROID in.	:	.237	.393	.272
MIN RADIUS	:	.245	.355	.379
MEAN RADIUS	:	1.126	1.063	.999
MAX RADIUS	:	1.667	1.493	1.497
HORIZONTAL SPREAD	:	2.585	2.585	2.585
VERTICAL SPREAD	:	2.832	2.266	2.132
EXTREME SPREAD	:	3.117	2.883	2.661
NUMBER IN ONE INCH CIRCLE	=	1	3	8
NUMBER IN TWO INCH CIRCLE	=			
NUMBER IN THREE INCH CIRCLE	=			

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649162

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 3.125

VS= 2.294

GS= 3.517

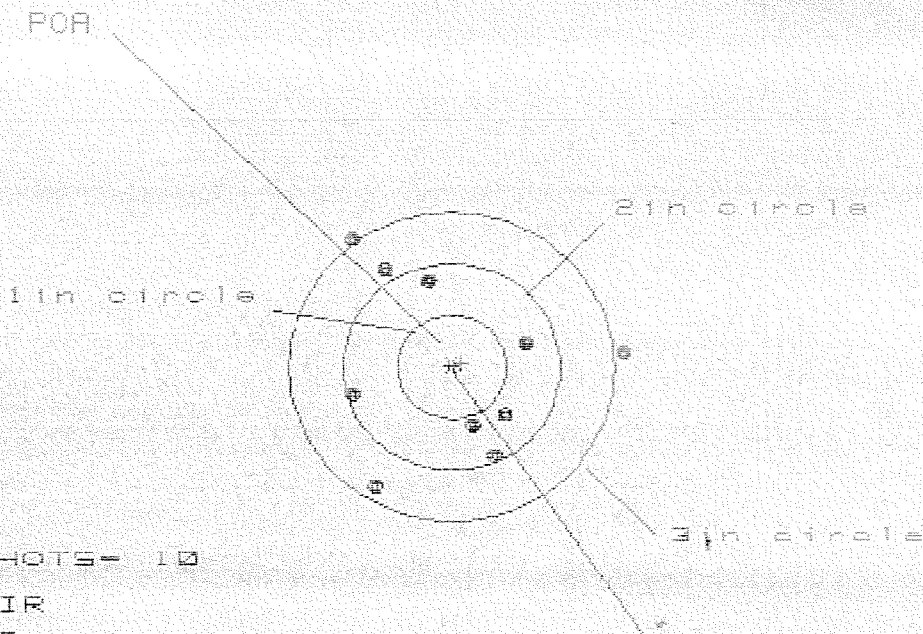
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	.863	.666
MINIMUM X	:	-1.734	-1.579	-.903
MAXIMUM Y	:	.931	.779	.792
MINIMUM Y	:	-1.363	-1.211	-1.198
CENTROID X	:	.030	-.125	.072
CENTROID Y	:	-.070	.082	.069
POA TO CENTROID in.	:	.076	.149	.100
MIN RADIUS	:	.387	.544	.389
MEAN RADIUS	:	1.003	.895	.760
MAX RADIUS	:	1.948	1.582	1.406
HORIZONTAL SPREAD	:	3.125	2.442	1.569
VERTICAL SPREAD	:	2.294	1.990	1.990
EXTREME SPREAD	:	3.517	2.454	2.090
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.467

VS= 2.363

GS= 2.691

CENTROID *

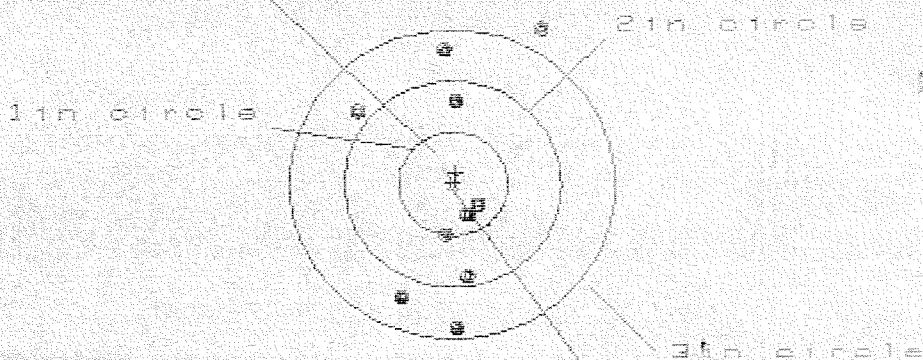
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	.877	.787
MINIMUM X	:	-.894	-.720	-.809
MAXIMUM Y	:	1.199	1.212	1.071
MINIMUM Y	:	-1.164	-1.151	-1.000
CENTROID X	:	-.085	-.260	-.171
CENTROID Y	:	-.041	-.054	-.206
POA TO CENTROID in.	:	.095	.266	.267
MIN RADIUS	:	.604	.655	.479
MEAN RADIUS	:	1.025	.962	.877
MAX RADIUS	:	1.577	1.409	1.195
HORIZONTAL SPREAD	:	2.467	1.597	1.597
VERTICAL SPREAD	:	2.363	2.363	2.070
EXTREME SPREAD	:	2.691	2.419	2.072
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE: PATTERNING/CENTERFIRE_PATT/06649162

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 1.674

VS= 2.898

GS= 3.010

CENTROID *

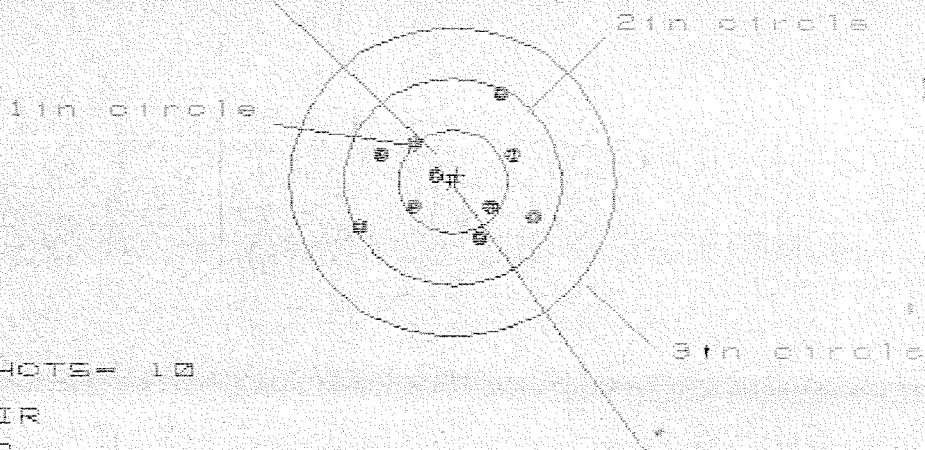
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.333	.348
MINIMUM X	-.828	-.734	-.719
MAXIMUM Y	1.467	1.456	1.297
MINIMUM Y	-1.431	-1.268	-1.061
CENTROID X	-.026	-.120	-.135
CENTROID Y	-.111	-.274	-.115
POA TO CENTROID in.	.114	.299	.178
MIN RADIUS	.299	.279	.390
MEAN RADIUS	.946	.830	.799
MAX RADIUS	1.693	1.457	1.299
HORIZONTAL SPREAD	1.674	1.067	1.067
VERTICAL SPREAD	2.898	2.724	2.058
EXTREME SPREAD	3.010	2.725	2.893
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 10

3 in = 10

HE= 1.642

VS= 1.424

GS= 1.867

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.760	.662	.706
MINIMUM X	-.882	-.768	-.724
MAXIMUM Y	.856	.806	.440
MINIMUM Y	-.568	-.618	-.517
CENTROID X	-.041	.057	.013
CENTROID Y	-.067	-.017	-.118
POA TO CENTROID in.	.079	.059	.118
MIN RADIUS	.133	.211	.206
MEAN RADIUS	.634	.595	.548
MAX RADIUS	.991	.879	.775
HORIZONTAL SPREAD	1.642	1.430	1.430
VERTICAL SPREAD	1.424	1.424	.957
EXTREME SPREAD	1.867	1.527	1.527
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	