

C6649159

MODEL 700™ N24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

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

DU PONT

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

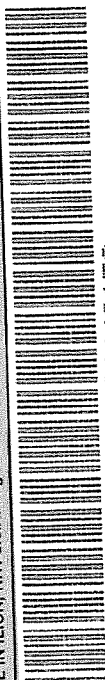
MODEL 700TM H24

SERIAL NO.
C6649159

ORDER NO.
5716

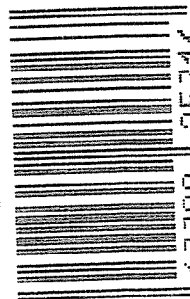
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649159

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649159

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	KS
600	Proof		6/27/91	KS
607	Check Headspace		6/27/91	KS
610	Dis-assemble Gun		6/27/91	KS
612	Magnaflux Barrel Action	JUL 1	8 1991	GS
	Magnaflux Bolt	JUL 1	8 1991	GS
615	Rollmark Caliber	JUL 1	8 1991	GS
617	Drill and Tap Sight Holes	JUL 1	8 1991	EB
618	Polish Barrel	JUL 2	8 1991	CB
620	Apply Coatings (Barrel Action)		8/27/91	HA
	Apply Coating (Bolt)			HA
625	Final Assembly A) Clean inside of Bolt Assembly		8/22/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/22/91	KL
	C) Inspect Ejector Hole for Chamfer		8/22/91	KL
	D) Oil Firing Pin Ass'y		8/22/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		8/25/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{3}{4}$	5	5			8-23-91	DH
	G) Safety Off Force	2	2 $\frac{1}{4}$	2			8-23-91	DH
	H) Trigger Pull Test & Retainability						8/23/91	QZ
	I) Firing Pin Indent	.020	.020	.020			8-23-91	DH
	J) Assemble Stock						8/28/91	TK
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/28/91	TK
	M) Iron Sight Alignment						8/28/91	TK
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	TK
	O) Attach Scope to Rifle						8/28/91	TK
	P) Detach & Attach Scope 20 Times						8/28/91	TK
640	Gallery Target & Test						8-28-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-28-91	NF
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.59	2.59	2.50	2.49	2.54	8/29/91	QZ
	C) Function						8-31-91	DH
660	Pack						9-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649159

DATE 8/23/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.31	2.40	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.30	2.38	2.59	
PULL #3	2.64	2.30	2.35	2.50	
PULL #4	2.42	2.30	2.44	2.49	
PULL #5	2.45	2.34	2.30	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.47		
PULL #2	3.58	3.50		
PULL #3	3.57	3.20		
PULL #4	3.55	3.52		
PULL #5	3.59	3.56		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.33		4.24
PULL #2	4.44	4.29		4.31
PULL #3	4.44	4.15		4.16
PULL #4	4.38	4.35		4.42
PULL #5	4.15	4.26		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6649159

29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.120905
1 TO	2	.20662
1 TO	3	.117107
1 TO	4	.273885
1 TO	5	.225



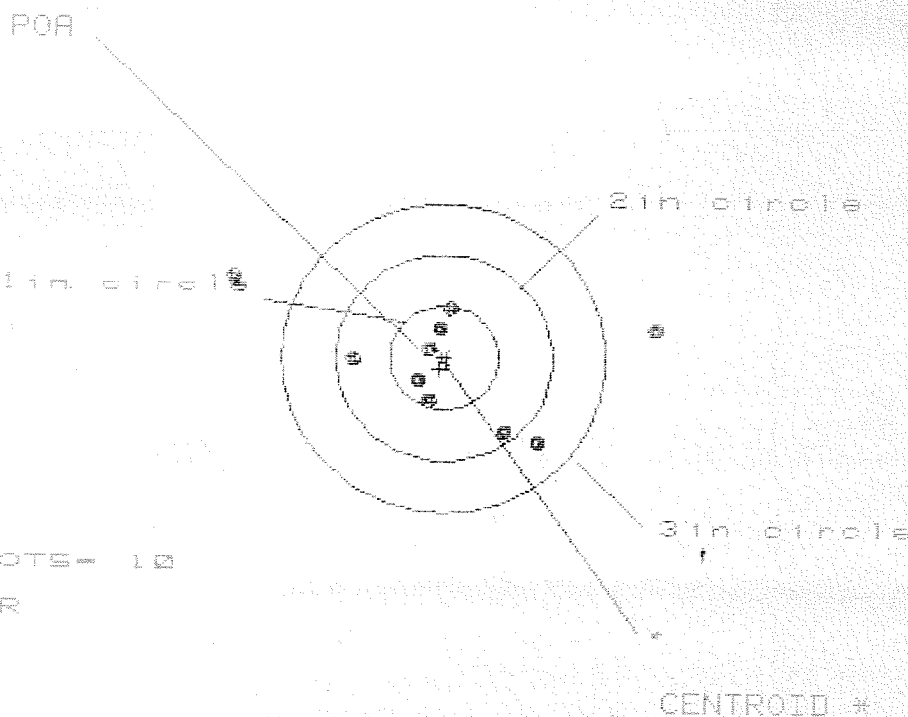
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0158152
THE AMR FOR THIS RIFLE IS: 1.005

29 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS649159

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 3.915

VS= 1.684

GS= 3.954

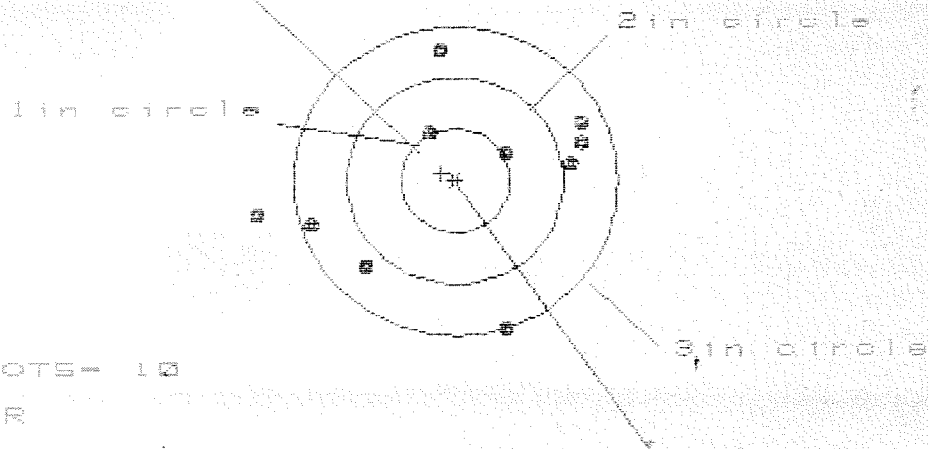
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.957	1.739	.863
MINIMUM X	:	-1.958	-1.013	-.795
MAXIMUM Y	:	.826	.597	.643
MINIMUM Y	:	-.858	-.767	-.721
CENTROID X	:	.043	.261	.043
CENTROID Y	:	.113	.022	-.024
POA TO CENTROID in.	:	.121	.262	.049
MIN RADIUS	:	.209	.442	.275
MEAN RADIUS	:	.875	.777	.585
MAX RADIUS	:	2.125	1.777	1.125
HORIZONTAL SPREAD	:	3.915	2.752	1.658
VERTICAL SPREAD	:	1.684	1.364	1.364
EXTREME SPREAD	:	3.954	2.762	1.882
NUMBER IN ONE INCH CIRCLE	=	4	4	4
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	8	8	8

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FILE: PATTERNING/CENTERFIRE_PATT/C3649159

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 3.014

VS= 2.716

GS= 3.148

CENTROID #

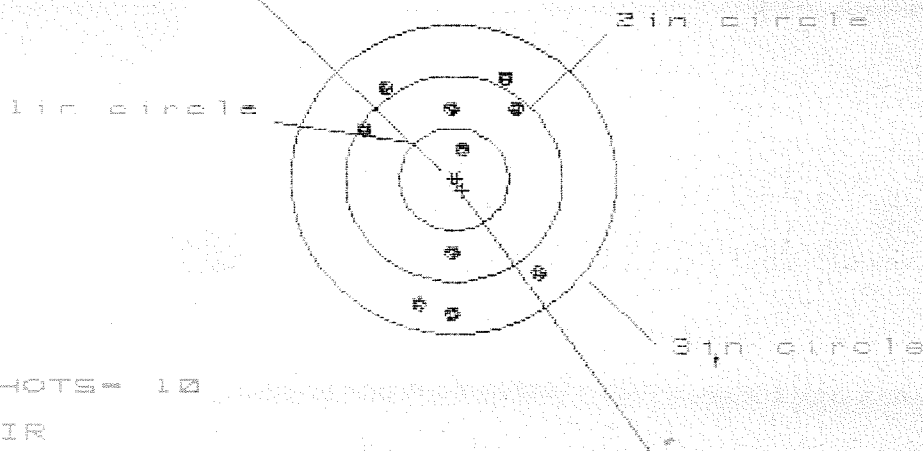
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.171	.966	1.001
MINIMUM X	-1.843	-1.540	-1.505
MAXIMUM Y	1.248	1.211	1.023
MINIMUM Y	-1.468	-1.505	-1.093
CENTROID X	.137	.342	.307
CENTROID Y	-.071	-.033	.155
POA TO CENTROID in.	.154	.344	.344
MIN RADIUS	.550	.358	.314
MEAN RADIUS	1.196	1.080	.989
MAX RADIUS	1.874	1.610	1.642
HORIZONTAL SPREAD	3.014	2.506	2.506
VERTICAL SPREAD	2.716	2.716	2.116
EXTREME SPREAD	3.148	2.780	2.699
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	0	2	2
NUMBER IN THREE INCH CIRCLE =	0	8	8

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.653

VS= 2.370

GS= 2.408

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.797	.754
MINIMUM X	:	-.858	-.856	-.899
MAXIMUM Y	:	1.013	.862	.696
MINIMUM Y	:	-1.357	-1.330	-1.195
CENTROID X	:	-.074	-.076	-.033
CENTROID Y	:	.100	.259	.425
POA TO CENTROID in.	:	.131	.270	.426
MIN RADIUS	:	.343	.201	.045
MEAN RADIUS	:	.969	.891	.776
MAX RADIUS	:	1.357	1.373	1.413
HORIZONTAL SPREAD	:	1.653	1.653	1.653
VERTICAL SPREAD	:	2.370	2.192	1.891
EXTREME SPREAD	:	2.408	2.330	2.315
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

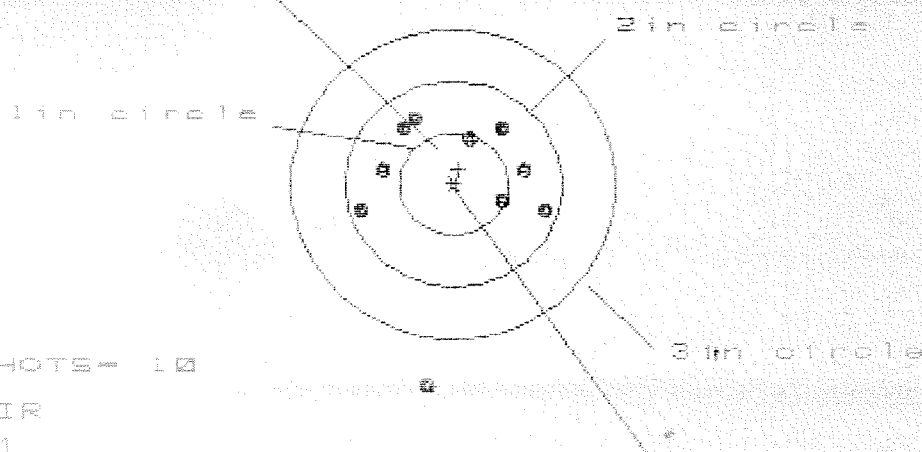
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FILE:/PATTERNING/CENTERFIRE_PATT/C6649159

CENTERFIRE PATTERNS

4

POA



CF SHOTS- 10

IN CIR

1 in - 1

2 in - 8

3 in - 9

HS= 1.641

VS= 2.598

GS= 2.599

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.885

.776

.668

MINIMUM X

-.836

-.865

-.889

MAXIMUM Y

.680

.466

.407

MINIMUM Y

-1.918

-.478

-.502

CENTROID X

-.846

-.817

.091

CENTROID Y

-.146

.060

.127

POA TO CENTROID in.

.153

.070

.157

MIN RADIUS

.474

.261

.185

MEAN RADIUS

.816

.638

.572

MAX RADIUS

1.936

.988

.836

HORIZONTAL SPREAD

1.641

1.641

1.477

VERTICAL SPREAD

2.598

.944

.909

EXTREME SPREAD

2.599

1.641

1.532

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

9

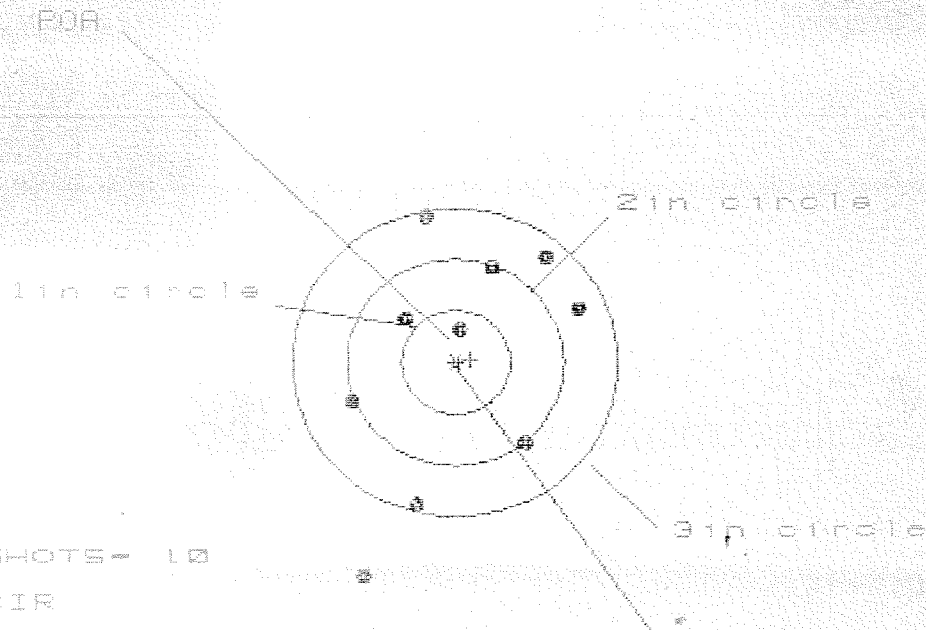
NUMBER IN THREE INCH CIRCLE =

9

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649159

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.070

VS= 3.543

GS= 3.591

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X	1.140	1.043	.993
MINIMUM X	-.930	-1.027	-1.077
MAXIMUM Y	1.442	1.209	.898
MINIMUM Y	-2.101	-1.602	-1.451
CENTROID X	-.137	-.040	.009
CENTROID Y	-.022	.211	.060
POA TO CENTROID in.	.139	.215	.061
MIN RADIUS	.361	.132	.291
MEAN RADIUS	1.170	.988	.973
MAX RADIUS	2.278	1.675	1.548
HORIZONTAL SPREAD	2.070	2.070	2.070
VERTICAL SPREAD	3.543	2.811	2.349
EXTREME SPREAD	3.591	2.813	2.635
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	