

C6636270

MODEL 700™ N24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.




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

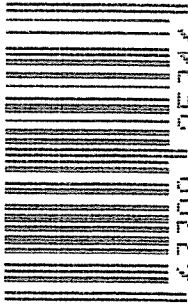
MODEL 700™ H24

SERIAL NO.
C6636270

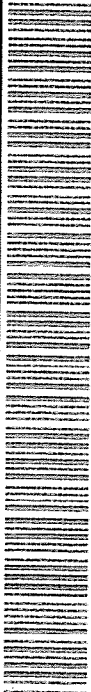
ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6636270

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6636270**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KE
600	Proof		6/24/91	KE
607	Check Headspace		6/24/91	KE
610	Dis-assemble Gun		6/24/91	KE
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	.1111	1 1991	KR
615	Rollmark Caliber	.1111	1 1991	SS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	.1111	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7/24/91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-24-91	SL
	G) Safety Off Force	4	4	4			7-24-91	SL
	H) Trigger Pull Test & Retainability						7-24-91	SL
	I) Firing Pin Indent	.0225	.0225	.0225			7-24-91	SL
	J) Assemble Stock						7/29/91	KS
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/29/91	KS
	M) Iron Sight Alignment						7/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/29/91	KS
	O) Attach Scope to Rifle						7/29/91	KS
	P) Detach & Attach Scope 20 Times						7/29/91	KS
640	Gallery Target & Test						7-30-91	DH
	A) Time						7-30-91	DH
	B) Malfunctions						7-30-91	DH
	C) Pierced Primers						7-30-91	DH
	D) Optical Clarity of Scope						7-30-91	DH
645	Inspect for Live Ammo						7-30-91	DH
655	Final Inspection						8-5-91	A
	A) Headspace							
	B) Trigger Pull	2.40	2.41	2.42	2.43	2.37	8-5-91	SL
	C) Function						8-5-91	A
660	Pack						7/7/91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6636270

DATE 7-24-91

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.25	2.20	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.20	2.28	2.41	
PULL #3	2.38	2.18	2.32	2.42	
PULL #4	2.33	2.26	2.28	2.43	
PULL #5	2.31	2.22	2.25	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.54		
PULL #2	3.58	3.49		
PULL #3	3.60	3.34		
PULL #4	3.55	3.20		
PULL #5	3.20	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.50		4.43
PULL #2	4.52	4.19		4.42
PULL #3	4.33	4.19		4.47
PULL #4	4.55	4.34		4.36
PULL #5	4.57	4.38		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636270
31 JUL 1991

CENTROIDAL DISTANCES

0 TO	1	.108908
1 TO	2	.186968
1 TO	3	.138698
1 TO	4	.129252
1 TO	5	.477871

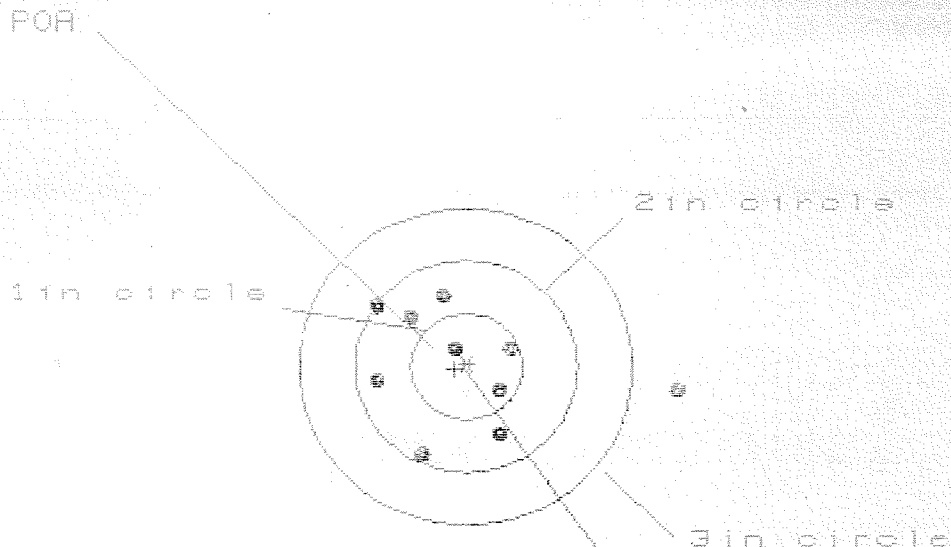
5  <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0258
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0273912
THE AMP FOR THIS RIFLE IS: .9976

31 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C863E270

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.730

VS= 1.445

GS= 2.848

CENTROID *

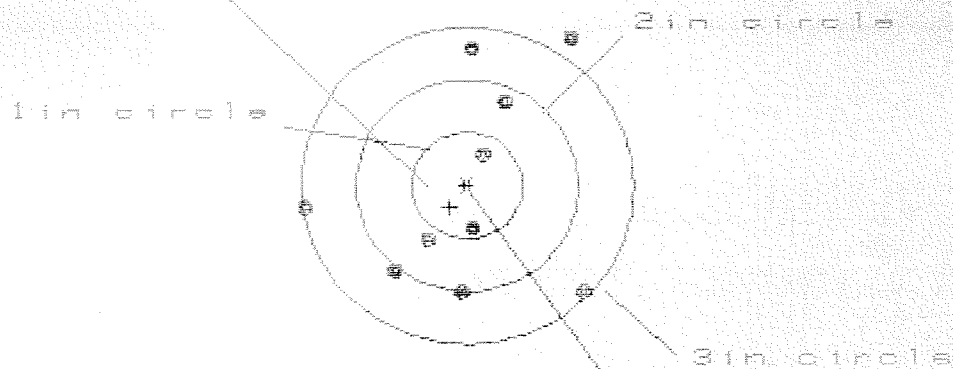
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.883	.566	.486
MINIMUM X	:	-.847	-.637	-.631
MAXIMUM Y	:	.653	.626	.695
MINIMUM Y	:	-.792	-.819	-.750
CENTROID X	:	.106	-.104	-.024
CENTROID Y	:	.025	.052	-.017
POA TO CENTROID in.:	:	.109	.116	.029
MIN RADIUS	:	.232	.160	.219
MEAN RADIUS	:	.756	.609	.579
MAX RADIUS	:	1.898	.842	.798
HORIZONTAL SPREAD	:	2.730	1.203	1.117
VERTICAL SPREAD	:	1.445	1.445	1.445
EXTREME SPREAD	:	2.848	1.677	1.465
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

31 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B35270

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.521

VS= 2.418

GS= 2.848

CENTROID #

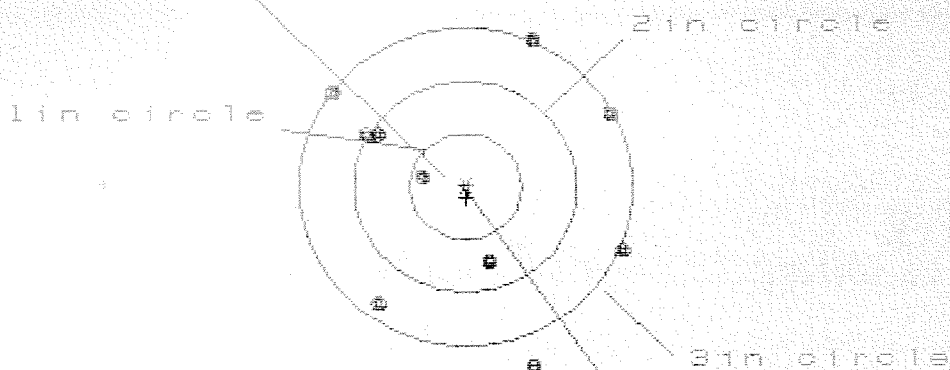
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.055	1.159	.634
MINIMUM X	-1.466	-1.362	-1.218
MAXIMUM Y	1.387	1.499	1.389
MINIMUM Y	-1.031	-.877	-.973
CENTROID X	.160	.056	-.088
CENTROID Y	.204	.050	.160
POA TO CENTROID in.	.259	.075	.182
MIN RADIUS	.377	.273	.444
MEAN RADIUS	1.034	.935	.883
MAX RADIUS	1.669	1.504	1.415
HORIZONTAL SPREAD	2.521	2.521	1.852
VERTICAL SPREAD	2.418	2.376	2.362
EXTREME SPREAD	2.848	2.669	2.364
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

31 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636270

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.605

VS= 3.089

GS= 3.235

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.372	1.442	1.297
MINIMUM X	:	-1.233	-1.163	-1.997
MAXIMUM Y	:	1.386	1.197	1.290
MINIMUM Y	:	-1.703	-1.251	-1.158
CENTROID X	:	-0.008	-0.078	.067
CENTROID Y	:	.104	.293	.200
POB TO CENTROID in.	:	.104	.304	.211
MIN RADIUS	:	.358	.312	.430
MEAN RADIUS	:	1.228	1.140	1.121
MAX RADIUS	:	1.817	1.661	1.488
HORIZONTAL SPREAD	:	2.605	2.605	2.294
VERTICAL SPREAD	:	3.089	2.448	2.448
EXTREME SPREAD	:	3.235	3.043	2.815
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

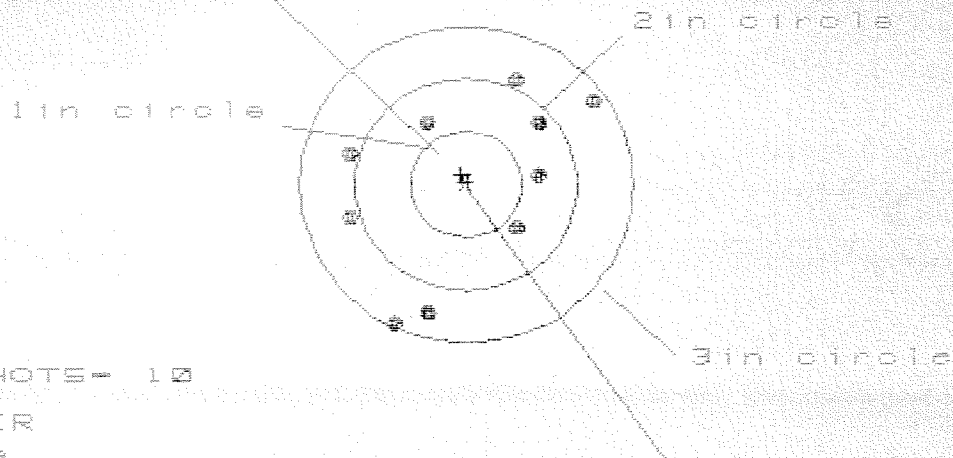
31 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636270

CENTERFIRE PATTERNS

4

POB



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.198

VS= 2.374

GS= 2.749

CENTROID *

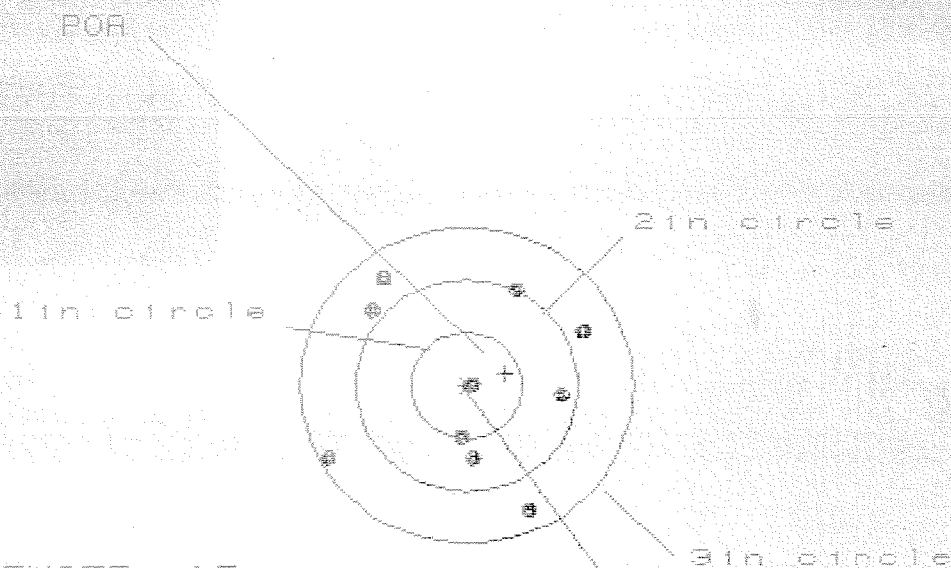
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.130	1.061	.751
MINIMUM X	-1.068	-1.137	-1.005
MAXIMUM Y	1.017	.866	.942
MINIMUM Y	-1.357	-1.371	-1.296
CENTROID X	.047	.116	-.016
CENTROID Y	-.090	.061	-.014
POB TO CENTROID in.	.101	.132	.022
MIN RADIUS	.611	.611	.616
MEAN RADIUS	1.030	.956	.928
MAX RADIUS	1.495	1.420	1.317
HORIZONTAL SPREAD	2.198	2.198	1.756
VERTICAL SPREAD	2.374	2.237	2.237
EXTREME SPREAD	2.749	2.439	2.359
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

31 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636270

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.299

VS= 2.128

GS= 2.622

CENTROID +

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.045	.986	.954
MINIMUM X	-1.254	-.979	-.931
MAXIMUM Y	.972	.892	.738
MINIMUM Y	-1.156	-1.236	-.966
CENTROID X	-.351	-.212	-.250
CENTROID Y	-.114	-.034	.120
POA TO CENTROID in.	.369	.214	.287
MIN RADIUS	.067	.096	.196
MEAN RADIUS	.940	.876	.835
MAX RADIUS	1.447	1.296	1.143
HORIZONTAL SPREAD	2.299	1.885	1.885
VERTICAL SPREAD	2.128	2.128	1.704
EXTREME SPREAD	2.622	2.503	1.917
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		