

C6649042

MODEL 700TM N24

Model **S4S** TM

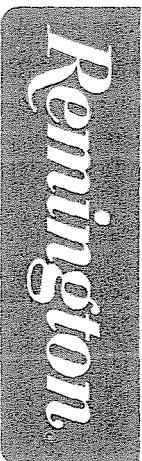
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead[®]

Remington® REG. U.S. PAT. & TM. OFF.

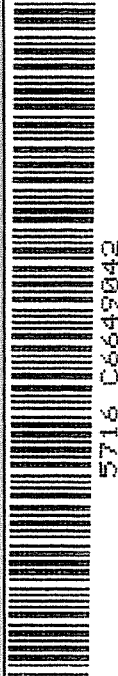
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

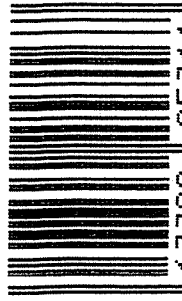
SERIAL NO.
C6649042

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

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649042

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		JUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	LS
618	Polish Barrel		7/22/91	WVB
620	Apply Coatings (Barrel Action)		7-22-91	LS
	Apply Coating (Bolt)			LS
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-15-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			8-15-91	JH
	G) Safety Off Force	3	3	3			8-15-91	JH
	H) Trigger Pull Test & Retainability						8-15-91	JH
	I) Firing Pin Indent	.021	.021	.021			8-15-91	JH
	J) Assemble Stock						8/16/91	RW
	K) Assemble Swivel Studs						9/13/91	JH
	L) Attach Front and Rear Sight Assemblies						8/16/91	RW
	M) Iron Sight Alignment						8/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/16/91	RW
	O) Attach Scope to Rifle						8/16/91	RW
	P) Detach & Attach Scope 20 Times						8/16/91	RW
640	Gallery Target & Test						8-19-91	AC
	A) Time						8-19-91	AC
	B) Malfunctions						8-19-91	AC
	C) Pierced Primers						8-19-91	AC
	D) Optical Clarity of Scope						8-19-91	AC
645	Inspect for Live Ammo						8-19-91	AC
655	Final Inspection						9/13/91	JH
	A) Headspace							
	B) Trigger Pull	2.44	2.50	2.50	2.38	2.33	9/13/91	JH
	C) Function						9/13/91	JH
660	Pack						9-19-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6649042

DATE 8-15-91

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.25	2.55	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.60	2.44	2.50	
PULL #3	2.33	2.52	2.50	2.50	
PULL #4	2.36	2.54	2.52	2.38	
PULL #5	2.25	2.51	2.55	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.44		
PULL #2	3.57	3.27		
PULL #3	3.43	3.27		
PULL #4	3.22	3.24		
PULL #5	3.38	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.25		4.43
PULL #2	4.50	4.34		4.34
PULL #3	4.21	4.58		4.33
PULL #4	4.15	4.50		4.48
PULL #5	4.20	4.32		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649042
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.245051
1 TO	2	.490422
1 TO	3	.256632
1 TO	4	.414658
1 TO	5	.0687095

#₂ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0206
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0886
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0909633

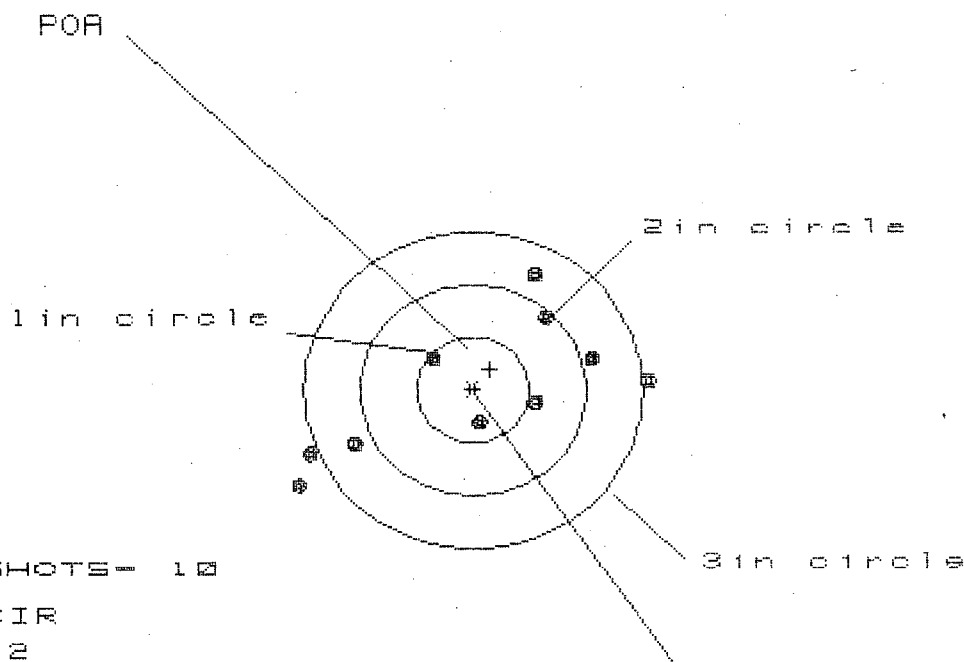
THE AMR FOR THIS RIFLE IS: .942

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649042

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 3.106

VS= 2.076

GS= 3.270

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.593	1.425	1.024
MINIMUM X	-1.513	-1.627	-1.449
MAXIMUM Y	1.121	1.015	1.010
MINIMUM Y	-.955	-.709	-.714
CENTROID X	-.151	.017	-.162
CENTROID Y	-.193	-.087	-.082
POA TO CENTROID in.	.246	.089	.181
MIN RADIUS	.329	.460	.409
MEAN RADIUS	1.078	.977	.923
MAX RADIUS	1.789	1.774	1.615
HORIZONTAL SPREAD	3.106	3.052	2.473
VERTICAL SPREAD	2.076	1.724	1.724
EXTREME SPREAD	3.270	3.125	2.646
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

23 Aug 1991

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CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS = 1.308

VS = 2.935

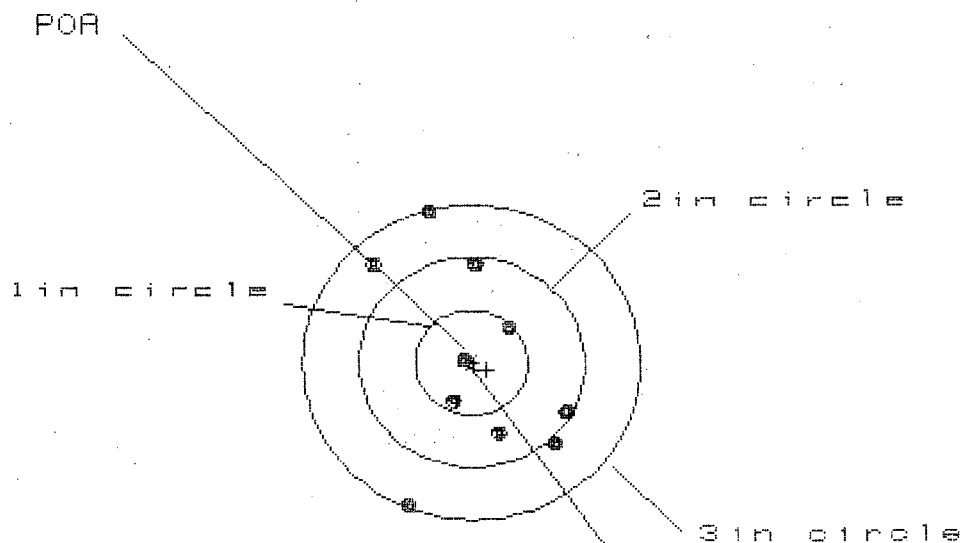
GS = 2.968

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.505
MINIMUM X	:	-.803
MAXIMUM Y	:	1.319
MINIMUM Y	:	-1.616
CENTROID X	:	.304
CENTROID Y	:	-.376
POA TO CENTROID in.	:	.483
MIN RADIUS	:	.530
MEAN RADIUS	:	1.077
MAX RADIUS	:	1.672
HORIZONTAL SPREAD	:	1.308
VERTICAL SPREAD	:	2.935
EXTREME SPREAD	:	2.968
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	9

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.701

VS= 2.742

GS= 2.753

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.814	.777	.700
MINIMUM X	:	-.887	-.924	-1.001
MAXIMUM Y	:	1.415	1.106	.960
MINIMUM Y	:	-1.327	-1.170	-.733
CENTROID X	:	-.133	-.096	-.019
CENTROID Y	:	.063	-.094	.052
POA TO CENTROID in.	:	.147	.134	.056
MIN RADIUS	:	.090	.213	.205
MEAN RADIUS	:	.870	.793	.723
MAX RADIUS	:	1.454	1.406	1.355
HORIZONTAL SPREAD	:	1.701	1.701	1.701
VERTICAL SPREAD	:	2.742	2.276	1.693
EXTREME SPREAD	:	2.753	2.365	2.275
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Aug 1991

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CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 3.039

VS= 1.770

GS= 3.081

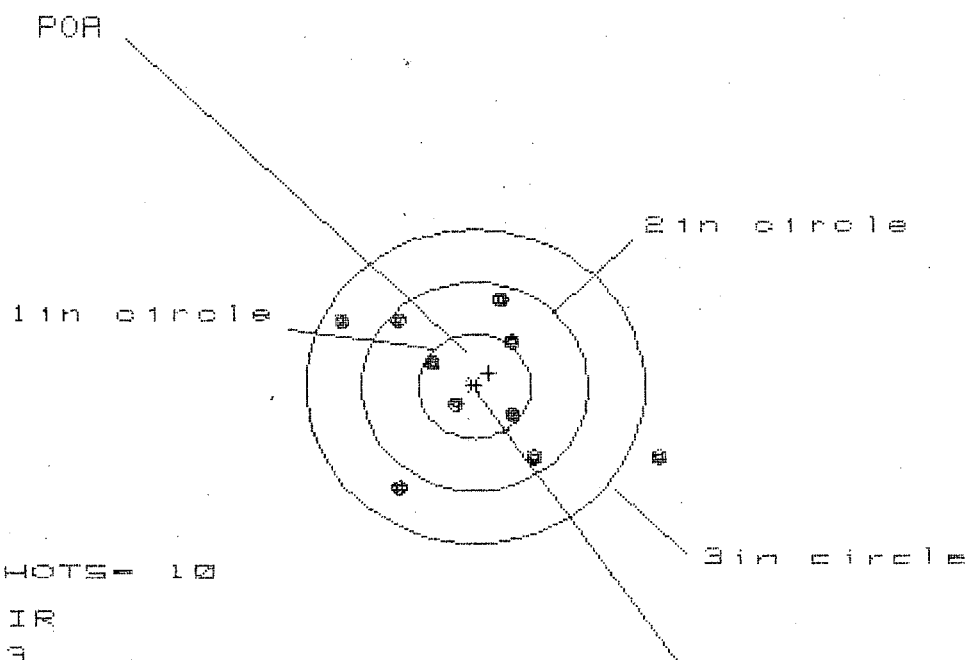
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.431	1.252	.824
MINIMUM X	-1.608	-.838	-.681
MAXIMUM Y	.751	.777	.775
MINIMUM Y	-1.019	-.993	-.895
CENTROID X	.003	.182	.025
CENTROID Y	.192	.166	.068
POA TO CENTROID in.	.192	.246	.073
MIN RADIUS	.123	.097	.193
MEAN RADIUS	.828	.762	.642
MAX RADIUS	1.626	1.474	1.154
HORIZONTAL SPREAD	3.039	2.090	1.505
VERTICAL SPREAD	1.770	1.770	1.670
EXTREME SPREAD	3.081	2.231	1.925
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.839

VS= 1.763

GS= 3.116

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.622	.662	.532
MINIMUM X	-1.217	-1.036	-.645
MAXIMUM Y	.839	.765	.833
MINIMUM Y	-.924	-.998	-.930
CENTROID X	-.126	-.307	-.177
CENTROID Y	-.129	-.055	-.123
POA TO CENTROID in.	.181	.311	.216
MIN RADIUS	.231	.221	.212
MEAN RADIUS	.857	.745	.680
MAX RADIUS	1.754	1.170	1.096
HORIZONTAL SPREAD	2.839	1.698	1.177
VERTICAL SPREAD	1.763	1.763	1.763
EXTREME SPREAD	3.116	2.143	1.959
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		