

C6636328

MODEL 700™ M24

Model **S4S**™

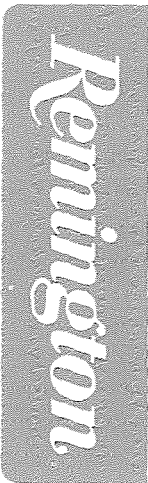
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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

Remington®

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

MODEL 700™ H24

SERIAL NO.
C6636328

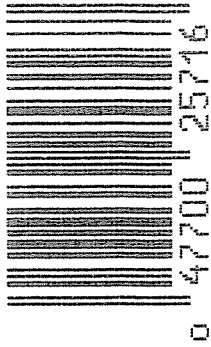
ORDER NO.
5716

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

20

5716 C6636328

LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6636328**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	K
600	Proof		6/24/91	K
607	Check Headspace		6/24/91	K
610	Dis-assemble Gun		6/24/91	K
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	LS
617	Drill and Tap Sight Holes		JUL 1 1991	LS
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	LA
	Apply Coating (Bolt)			LA
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		7-25-91	KS

op. #	BARBER NAME M24 0033094	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	8	7			7-29-91	DH
	G) Safety Off Force	3	3	3			7-29-91	DH
	H) Trigger Pull Test & Retainability						7-25-91	JH
	I) Firing Pin Indent	.020	.020	.022			7-29-91	DH
	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						7/29/91	KH
	A) Time							KH
	B) Malfunctions							KH
	C) Pierced Primers							KH
	D) Optical Clarity of Scope							KH
645	Inspect for Live Ammo						7/29/91	KH
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.37	2.42	2.40	2.39	2.48	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06636328DATE 7-25-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.51	2.52	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.50	2.55	2.42	
PULL #3	2.54	2.45	2.48	2.40	
PULL #4	2.48	2.47	2.43	2.39	
PULL #5	2.44	2.40	2.46	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.30		
PULL #2	3.34	3.51		
PULL #3	3.24	3.53		
PULL #4	3.20	3.36		
PULL #5	3.16	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.31		4.11
PULL #2	4.42	4.20		4.57
PULL #3	4.31	4.22		4.31
PULL #4	4.13	4.18		4.26
PULL #5	4.54	4.28		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636328
29 Jul 1991

CENTROIDAL DISTANCES

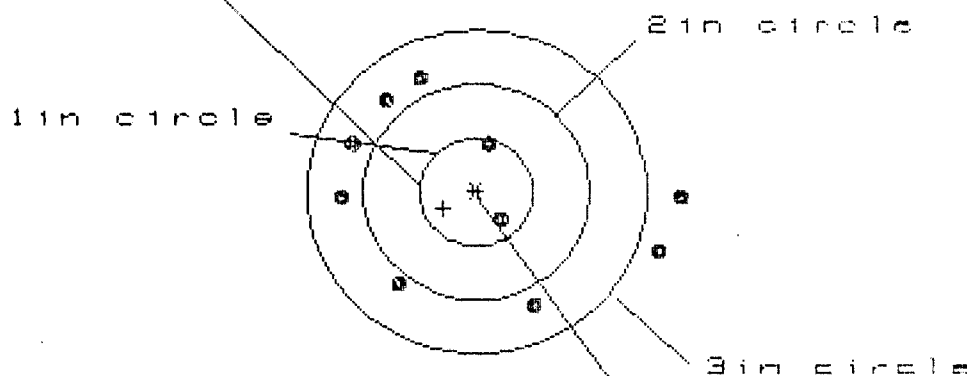
0 TO	1	.327808
1 TO	2	.475857
1 TO	3	.409646
1 TO	4	.488496
1 TO	5	.452429

4' <----POA

THIS RIFLE IS: .016
THIS RIFLE IS: -.088
FOR THIS RIFLE IS: .0894427

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FOIA



23- 2.994

CENTROID #

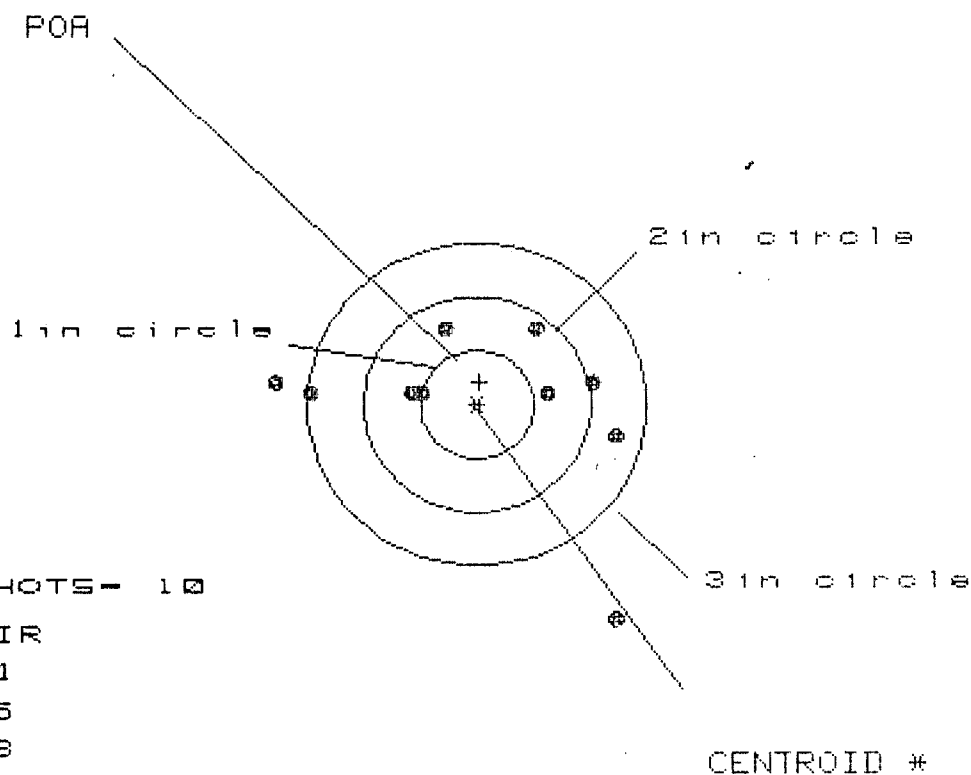
15

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.817	1.760	.928
MINIMUM X	:	-1.176	-.974	-.754
MAXIMUM Y	:	1.070	1.060	.994
MINIMUM Y	:	-1.055	-1.065	-1.131
CENTROID X	:	.293	.091	-.129
CENTROID Y	:	.147	.157	.223
DEVIATION FROM CENOID IN:	:			
X-AXIS	:	.118	.182	.258
Y-AXIS	:	.139	.505	.677
STANDARD DEVIATION	:	1.117	1.026	.897
COEFFICIENT	:	1.619	1.838	1.463
MEAN SQUARE ERROR	:	2.993	2.734	1.682
ADJUSTED R-SQ	:	2.115	2.125	2.125
ADJUSTED F-RSQR	:	2.994	2.813	2.364
NUMBER OF DATA POINTS	=		2	
NUMBER OF DATA CIRCLES	=		2	
NUMBER OF DATA CIRCLES	=		8	

19 Jul 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 3.036

VS = 2.736

GS = 3.731

CENTROID *

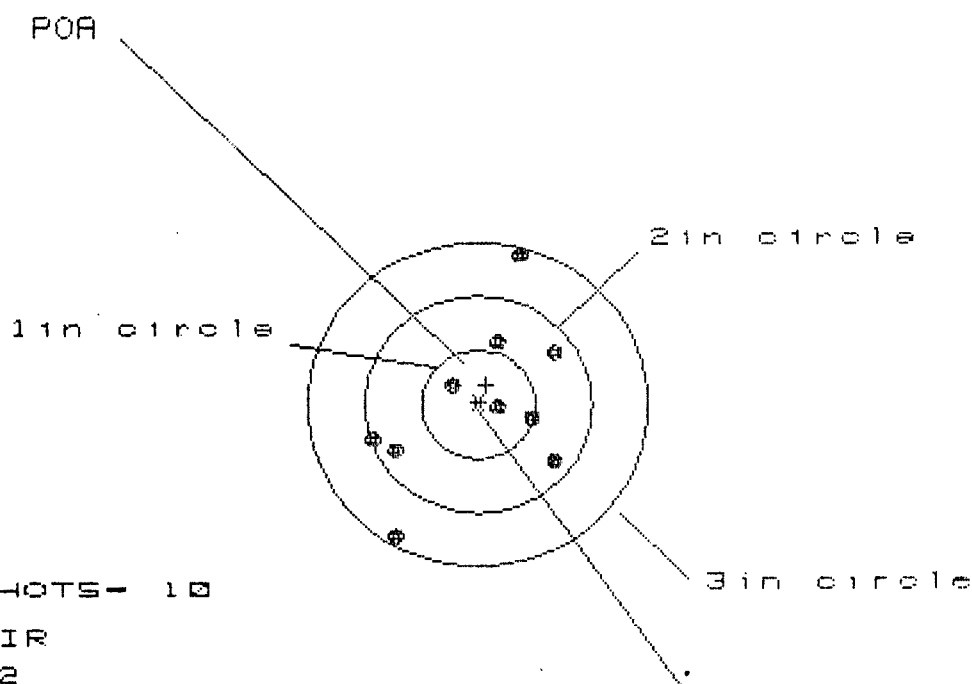
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.270	1.401	1.196
MINIMUM X	-1.766	-1.635	-1.527
MAXIMUM Y	.695	.468	.471
MINIMUM Y	-2.041	-.516	-.513
CENTROID X	-.025	-.156	.049
CENTROID Y	-.207	.020	.017
POA TO CENTROID in.	.209	.157	.052
MIN RADIUS	.498	.355	.529
MEAN RADIUS	1.124	.937	.844
MAX RADIUS	2.358	1.635	1.531
HORIZONTAL SPREAD	3.036	3.036	2.723
VERTICAL SPREAD	2.736	.984	.984
EXTREME SPREAD	3.731	3.083	2.752
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

29 Jul 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in = 10

HS= 1.594

VS= 2.607

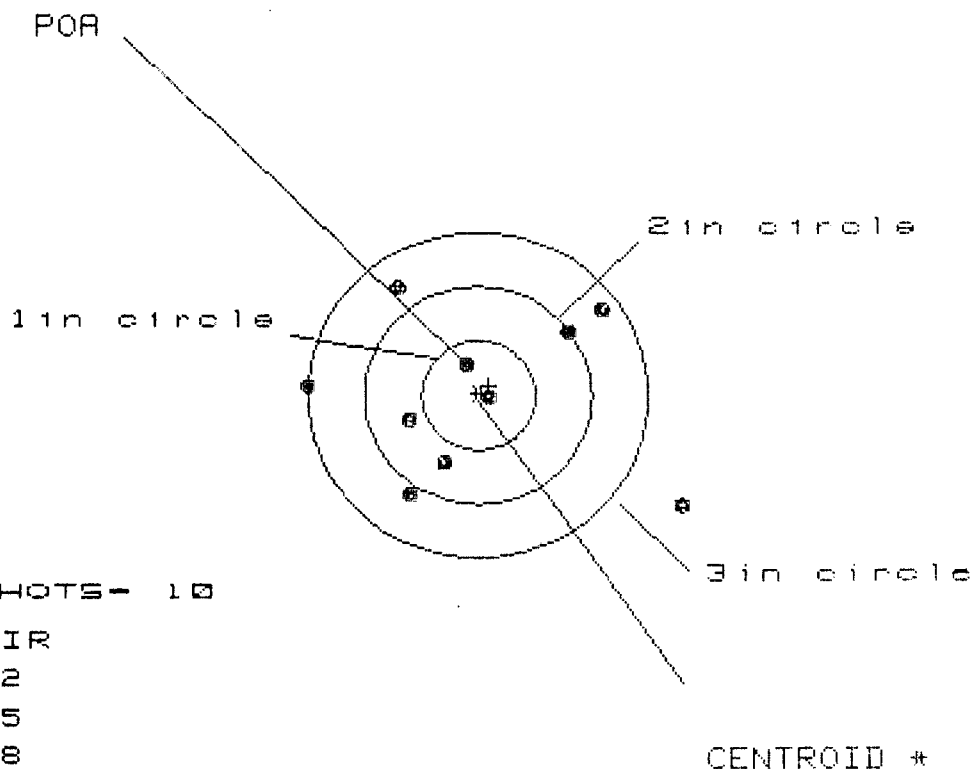
GS= 2.828

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.618	.653
MINIMUM X	:	-.895	-.976	-.941
MAXIMUM Y	:	1.373	1.236	.568
MINIMUM Y	:	-1.234	-.618	-.464
CENTROID X	:	-.069	.012	-.023
CENTROID Y	:	-.181	-.044	-.198
POA TO CENTROID in.	:	.194	.045	.200
MIN RADIUS	:	.193	.182	.147
MEAN RADIUS	:	.786	.699	.620
MAX RADIUS	:	1.436	1.267	.982
HORIZONTAL SPREAD	:	1.594	1.594	1.594
VERTICAL SPREAD	:	2.607	1.854	1.032
EXTREME SPREAD	:	2.828	2.092	1.773
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Jul 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.332

VS= 2.047

GS= 3.526

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.778	1.289	1.119
MINIMUM X	-1.554	-1.356	-.663
MAXIMUM Y	.990	.873	.870
MINIMUM Y	-1.057	-1.016	-1.019
CENTROID X	-.093	-.291	-.121
CENTROID Y	-.089	.028	.031
POA TO CENTROID in.	.129	.292	.125
MIN RADIUS	.140	.179	.135
MEAN RADIUS	.947	.864	.784
MAX RADIUS	2.068	1.466	1.318
HORIZONTAL SPREAD	0.322	2.645	1.782
VERTICAL SPREAD	2.047	1.889	1.889
EXTREME SPREAD	3.526	2.742	2.412
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

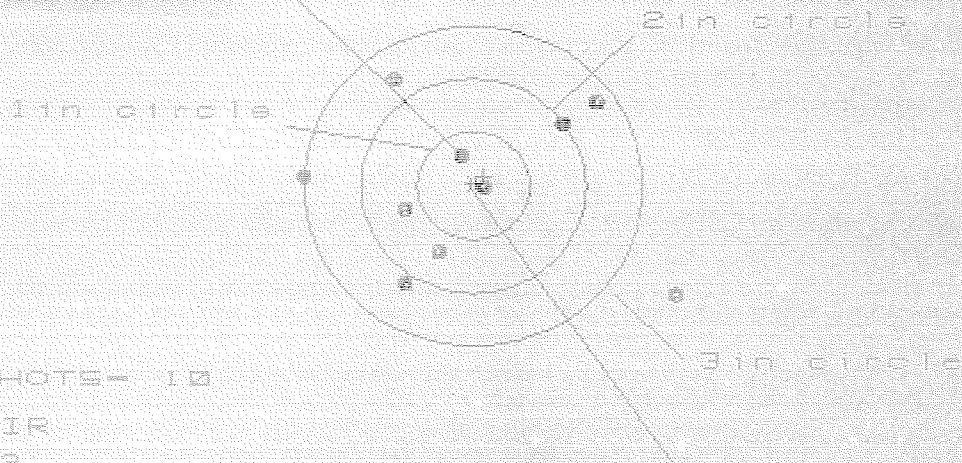
20 JUL 1981

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CENTERFIRE PATTERNS

5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.332

VS= 2.047

GS= 3.526

CENTROID #

PATTERN #

23

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.778	1.289	1.119
MINIMUM X	-1.554	-1.356	-1.663
MAXIMUM Y	.990	.873	.870
MINIMUM Y	-1.057	-1.018	-1.019
CENTROID X	-.093	-.291	-.121
CENTROID Y	-.089	.020	.031
POA TO CENTROID in.	.129	.292	.125
MIN RADIUS	.140	.179	.135
MEAN RADIUS	.997	.864	.734
MAX RADIUS	2.068	1.466	1.318
HORIZONTAL SPREAD	3.332	2.645	1.782
VERTICAL SPREAD	2.047	1.889	1.889
EXTREME SPREAD	3.526	2.742	2.412
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		