

C6587529

MODEL 700™ M24

Model SMS™

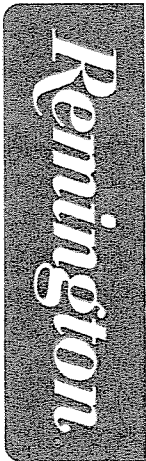
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Remington®
REMINGTON PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
C6587529

ORDER NO.
5716

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

01

5716 C6587529

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587529

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KP
	Magnaflux Bolt		10/24/90	KP
615	Rollmark Caliber		10/24/90	GL
617	Drill and Tap Sight Holes		10/24/90	LB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/19/90	WB

BARBER - M24 0022089		READINGS			DATE	INIT		
op. #	OP. NAME							
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2	11/21/90	WB		
	G) Safety Off Force	2	2	2	11/21/90	WB		
	H) Trigger Pull Test & Retainability				11/19/90	WB		
	I) Firing Pin Indent	.022	.0225	.0225	11/21/90	WB		
	J) Assemble Stock				12/10/90	RW		
	K) Assemble Swivel Studs				12-12-90	QD		
	L) Attach Front and Rear Sight Assemblies				12/10/90	RW		
	M) Iron Sight Alignment				12/10/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/10/90	RW		
	O) Attach Scope to Rifle				12/10/90	RW		
		P) Detach & Attach Scope 20 Times				12/10/90	RW	
640	Gallery Target & Test				12/10/90	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				12/10/90	NF		
655	Final Inspection							
	A) Headspace				12-12-90	QD		
	B) Trigger Pull	2.61	259	260	261	278	12-12-90	QD
	C) Function						12-12-90	QD
660	Pack						12/14/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587529

DATE 11/19/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.45	2.41	261	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.38	2.46	259	
PULL #3	2.49	2.36	2.49	260	
PULL #4	2.34	2.31	2.52	261	
PULL #5	2.32	2.33	2.49	278	
TOTAL	11.92	11.83	12.37		
AVG.	2.38	2.36	2.47		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.18		
PULL #2	3.30	3.10		
PULL #3	3.22	3.12		
PULL #4	3.17	3.14		
PULL #5	3.18	3.15		
TOTAL	16.02	15.69		
AVG.	3.20	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.11		4.10
PULL #2	4.16	4.08		4.14
PULL #3	4.15	4.07		4.13
PULL #4	4.14	4.10		4.14
PULL #5	4.11	4.08		4.15
TOTAL	20.73	20.44		20.66
AVG.	4.14	4.09		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587529
11 Dec 1990

CENTROIDAL DISTANCES.

0 TO	1	.186078
1 TO	2	.0373363
1 TO	3	.0724707
1 TO	4	.237918
1 TO	5	.108453

3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .042
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130162

THE AMR FOR THIS RIFLE IS: 1.113

11 Dec 1998

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CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 3.884

VS= 3.291

GS= 3.945

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.029	1.848	1.969
MINIMUM X	:	-1.835	-1.610	-1.489
MAXIMUM Y	:	1.780	1.733	1.513
MINIMUM Y	:	-1.511	-1.558	-1.342
CENTROID X	:	.071	-.154	-.275
CENTROID Y	:	-.172	-.125	-.341
POA TO CENTROID in.	:	.186	.198	.438
MIN RADIUS	:	.744	.681	.537
MEAN RADIUS	:	1.435	1.330	1.207
MAX RADIUS	:	2.073	1.983	1.981
HORIZONTAL SPREAD	:	3.864	3.458	3.458
VERTICAL SPREAD	:	3.291	3.291	2.855
EXTREME SPREAD	:	3.945	3.611	3.472
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	5		

(1 Dec 1998

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CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

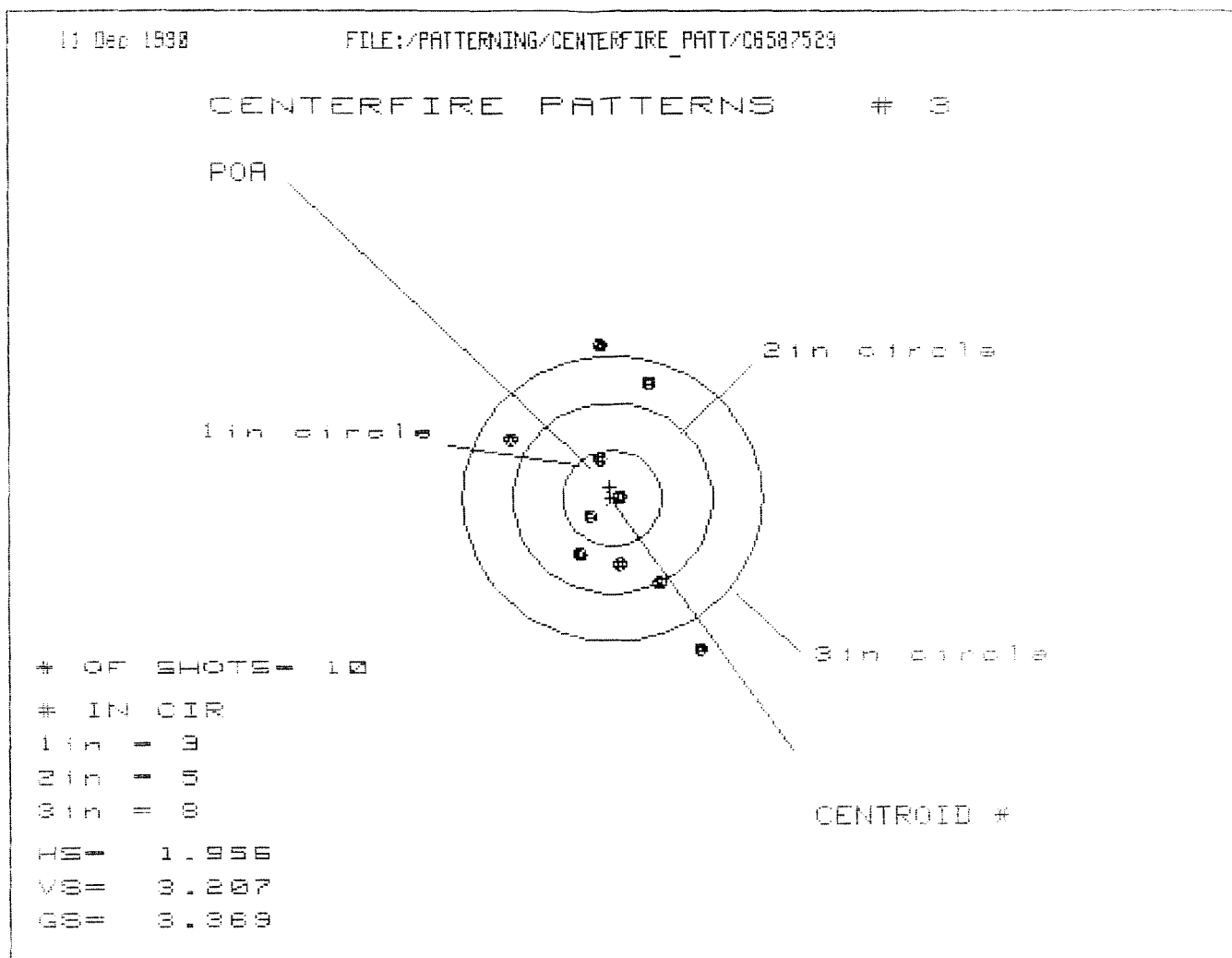
HS = 2.756

VS = 2.395

GS = 3.426

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	1.236	.946
MINIMUM X	:	-1.397	-1.520	-1.365
MAXIMUM Y	:	1.043	.893	1.003
MINIMUM Y	:	-1.352	-1.196	-1.086
CENTROID X	:	.106	.229	.074
CENTROID Y	:	-.159	-.009	-.119
POA TO CENTROID in.	:	.192	.229	.141
MIN RADIUS	:	.496	.446	.547
MEAN RADIUS	:	1.121	1.039	.974
MAX RADIUS	:	1.745	1.683	1.496
HORIZONTAL SPREAD	:	2.756	2.756	2.311
VERTICAL SPREAD	:	2.395	2.089	2.089
EXTREME SPREAD	:	3.426	3.188	2.744
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.916
MINIMUM X	-1.040
MAXIMUM Y	1.661
MINIMUM Y	-1.546
CENTROID X	.025
CENTROID Y	-.116
POA TO CENTROID in.	.118
MIN RADIUS	.054
MEAN RADIUS	.914
MAX RADIUS	1.797
HORIZONTAL SPREAD	1.956
VERTICAL SPREAD	3.207
EXTREME SPREAD	3.369
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8

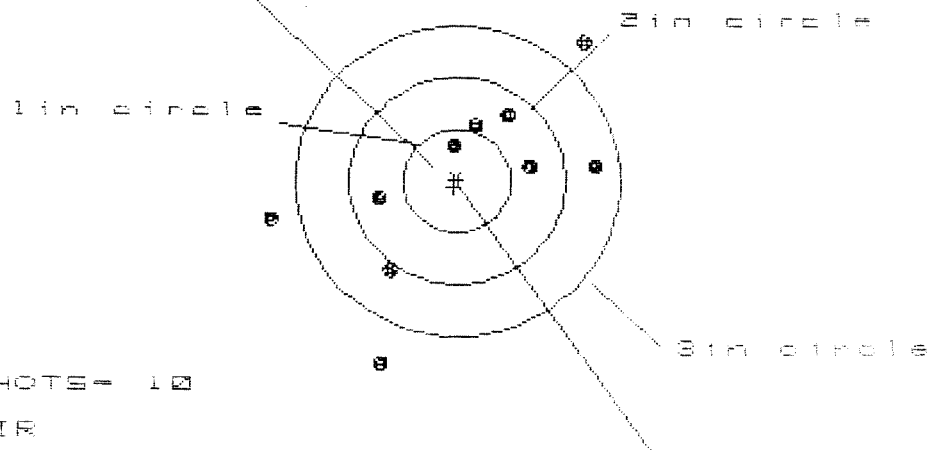
11 Dec 1998

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CENTERFIRE PATTERNS

4

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 3.007

VS = 3.146

GS = 3.636

CENTROID #

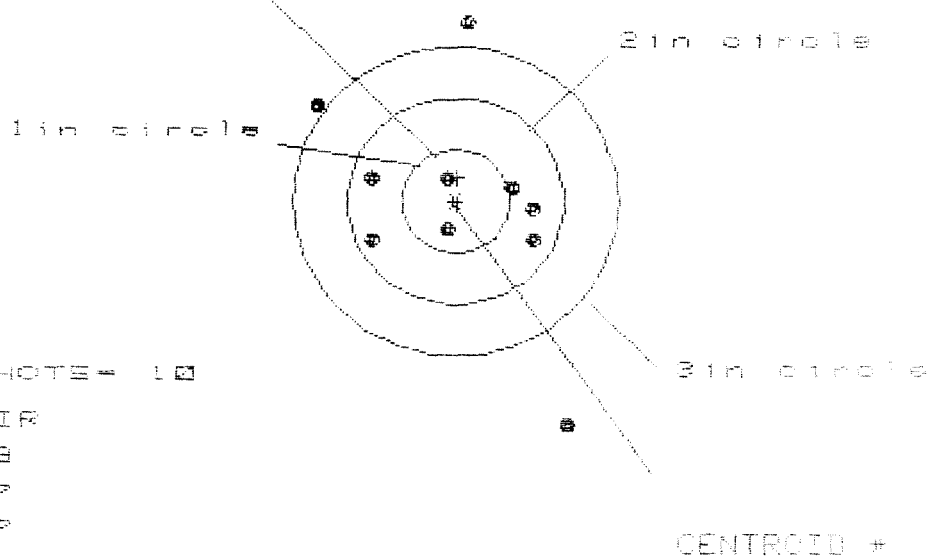
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.210	1.340
MINIMUM X	:	-1.720	-1.797	-1.667
MAXIMUM Y	:	1.376	1.180	.552
MINIMUM Y	:	-1.770	-1.033	-1.886
CENTROID X	:	.028	.105	-.025
CENTROID Y	:	.062	.258	.111
POA TO CENTROID in.	:	.068	.279	.114
MIN RADIUS	:	.326	.159	.279
MEAN RADIUS	:	1.085	.940	.890
MAX RADIUS	:	1.903	1.874	1.710
HORIZONTAL SPREAD	:	3.007	3.007	3.007
VERTICAL SPREAD	:	3.146	2.213	1.438
EXTREME SPREAD	:	3.636	3.317	3.047
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 0

HS = 2.880

VS = 3.963

GS = 4.069

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.039	.848	.877
MINIMUM X	-1.321	-1.206	-1.177
MAXIMUM Y	1.746	1.500	.885
MINIMUM Y	-2.216	-.606	-.418
CENTROID X	-.020	-.135	-.164
CENTROID Y	-.231	.016	-.172
POA TO CENTROID in.	.231	.136	.238
MIN RADIUS	.251	.024	.166
MEAN RADIUS	1.010	.843	.738
MAX RADIUS	2.448	1.518	1.472
HORIZONTAL SPREAD	2.360	2.054	2.054
VERTICAL SPREAD	3.963	2.106	1.303
EXTREME SPREAD	4.069	2.431	2.431
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	