

C6648963

MODEL 700™ M24

Model SMS™

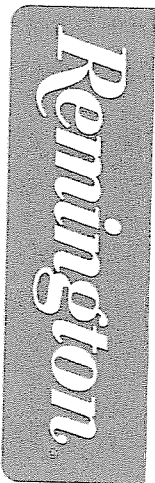
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Remington®

MODEL 700™ H24

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

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

SERIAL NO.
C6648963

ORDER NO.
5716

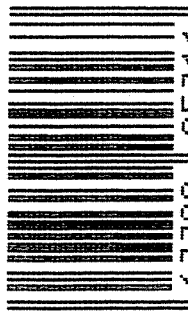
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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5716 C6648963

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6648963

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/2/91	KH
600	Proof		8/2/91	KH
607	Check Headspace		8/2/91	KH
610	Dis-assemble Gun		8/2/91	KH
612	Magnaflux Barrel Action	AUG 7 1991		KR
	Magnaflux Bolt	AUG 7 1991		KR
615	Rollmark Caliber	AUG 7 1991		LG
617	Drill and Tap Sight Holes	AUG 7 1991		LB
618	Polish Barrel	AUG 13 1991		WB
620	Apply Coatings (Barrel Action)		8/27/91	JA
	Apply Coating (Bolt)			JA
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KH
	C) Inspect Ejector Hole for Chamfer		9/4/91	KH
	D) Oil Firing Pin Ass'y		9/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		9/5/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/5/91	JI
	G) Safety Off Force	4	4	4			9/5/91	JI
	H) Trigger Pull Test & Retainability						9/5/91	JI
	I) Firing Pin Indent	.021	.0225	.0225			9/5/91	JI
	J) Assemble Stock						9/5/91	KA
	K) Assemble Swivel Studs						9/13/91	JI
	L) Attach Front and Rear Sight Assemblies						9/5/91	KA
	M) Iron Sight Alignment						9/5/91	KA
	N) Detach Front & Rear Sights & place in numbered container						9/5/91	KA
	O) Attach Scope to Rifle						9/5/91	KA
	P) Detach & Attach Scope 20 Times						9/5/91	KA
640	Gallery Target & Test						9-6-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-6-91	NF
655	Final Inspection							
	A) Headspace						9/13/91	JI
	B) Trigger Pull	2.69	2.70	2.65	2.68	2.69	9/13/91	JI
	C) Function						9/13/91	JI
660	Pack						9-19-91	NF

TIME 30

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 26648963DATE 9/5/91TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.43	2.48	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.36	2.38	2.70	
PULL #3	2.22	2.49	2.46	2.65	
PULL #4	2.51	2.40	2.43	2.68	
PULL #5	2.39	2.44	2.45	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.26		
PULL #2	3.30	3.33		
PULL #3	3.60	3.28		
PULL #4	3.32	3.34		
PULL #5	3.29	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.32		4.53
PULL #2	4.46	4.44		4.39
PULL #3	4.40	4.46		4.46
PULL #4	4.49	4.39		4.53
PULL #5	4.44	4.53		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648963
7 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.183619
1 TO 2	.355756
1 TO 3	.30747
1 TO 4	.763743
1 TO 5	.277478

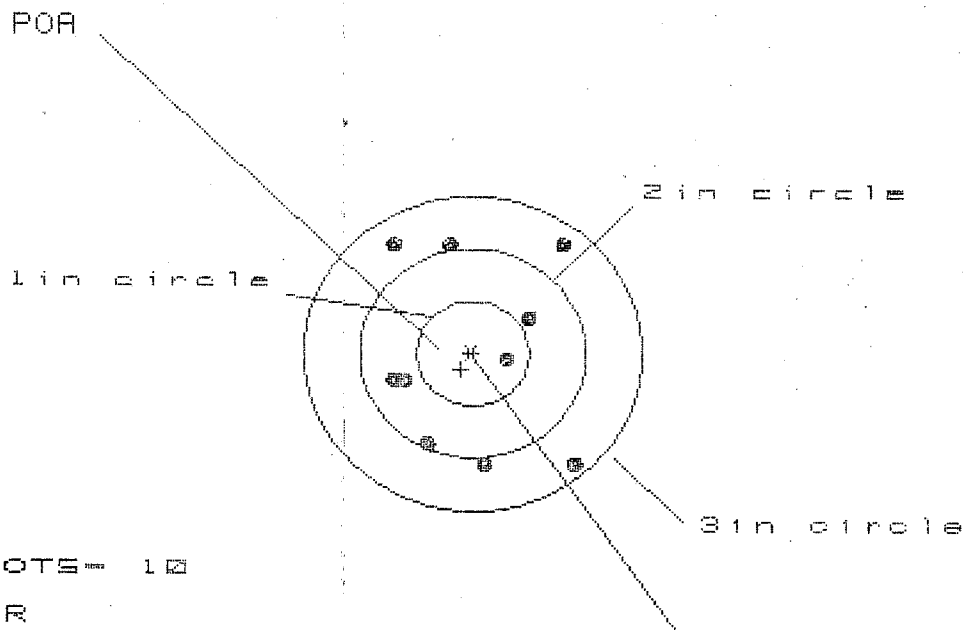
4.5 ←---POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1542
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154781
THE AVERAGE FOR THIS RIFLE IS: .9674

2 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B963

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 1.626

VS = 2.155

GS = 2.698

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.892	.927	.683
MINIMUM X	:	-.734	-.635	-.519
MAXIMUM Y	:	1.067	.947	1.063
MINIMUM Y	:	-1.088	-1.185	-1.069
CENTROID X	:	.100	.001	-.115
CENTROID Y	:	.154	.274	.158
POA TO CENTROID in.	:	.183	.274	.195
MIN RADIUS	:	.330	.466	.451
MEAN RADIUS	:	.942	.889	.815
MAX RADIUS	:	1.406	1.315	1.181
HORIZONTAL SPREAD	:	1.626	1.562	1.202
VERTICAL SPREAD	:	2.155	2.132	2.132
EXTREME SPREAD	:	2.698	2.295	2.295
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		

7 Sep 1991

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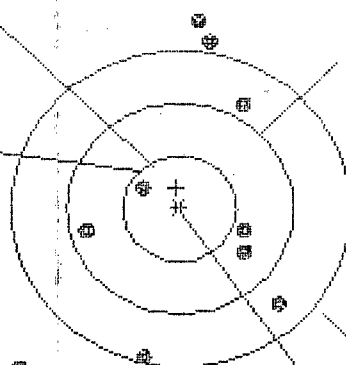
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.344

VS= 3.341

GS= 3.719

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.873	.709	.709
MINIMUM X	:	-1.471	-1.041	-1.041
MAXIMUM Y	:	1.836	1.668	1.633
MINIMUM Y	:	-1.505	-1.580	-1.371
CENTROID X	:	.031	.195	.195
CENTROID Y	:	-.195	-.027	-.236
POA TO CENTROID in.	:	.197	.197	.306
MIN RADIUS	:	.403	.511	.439
MEAN RADIUS	:	1.206	1.096	.996
MAX RADIUS	:	2.105	1.668	1.636
HORIZONTAL SPREAD	:	2.344	1.750	1.750

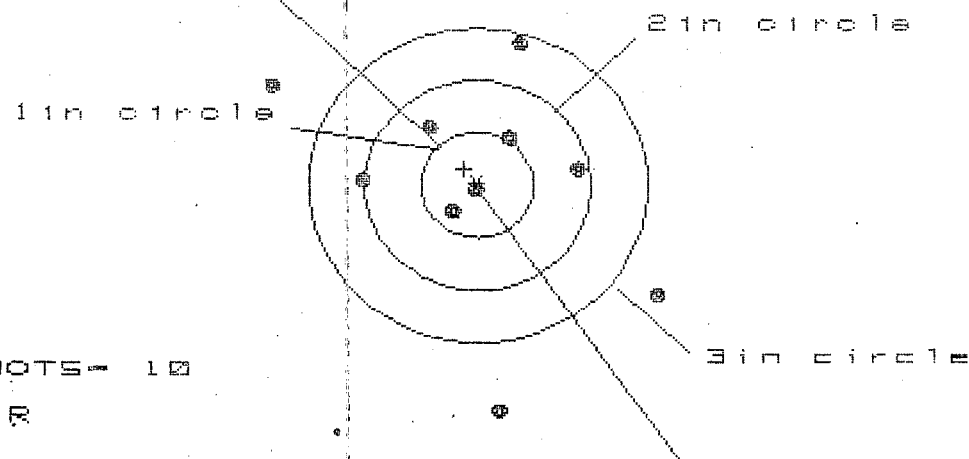
NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 7

7 Sep 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 3.414

VS = 3.507

GS = 3.966

CENTROID *

PATTERN # : 3

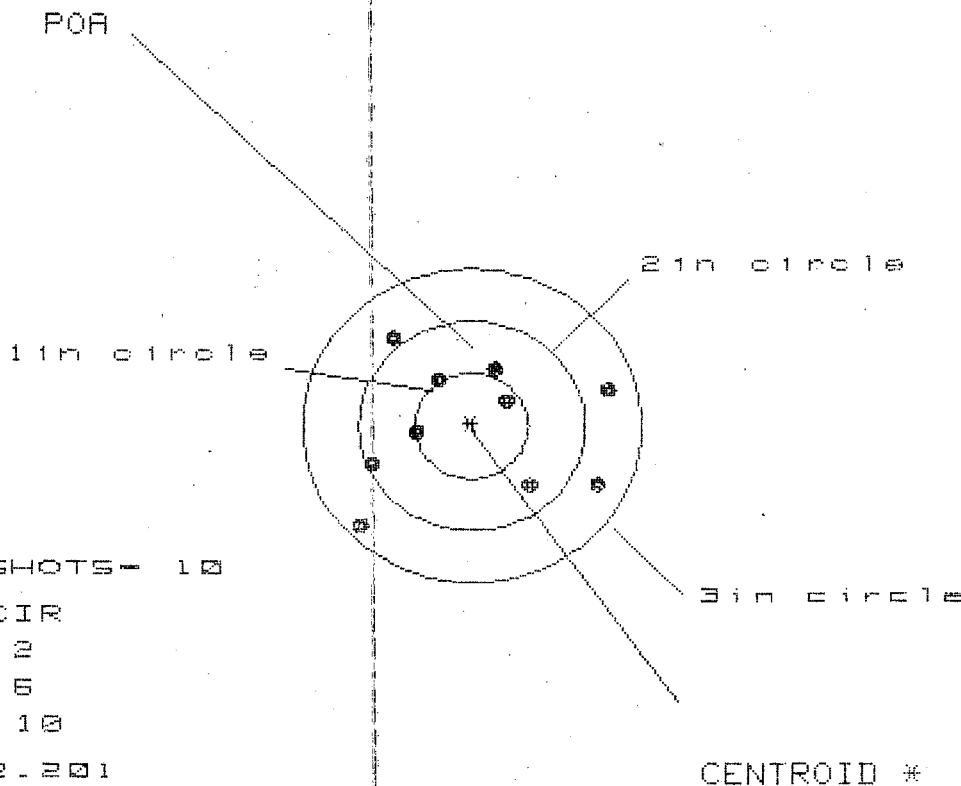
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.622	1.639	1.417
MINIMUM X	-1.792	-1.775	-1.199
MAXIMUM Y	1.360	1.122	1.208
MINIMUM Y	-2.147	-1.325	-1.239
CENTROID X	.117	.100	.322
CENTROID Y	-.153	.085	-.001
POA TO CENTROID in.	.193	.131	.322

MIN. RADIUS	:	.010	.239	.246
MEAN RADIUS	:	1.099	.975	.855
MAX RADIUS	:	2.152	2.108	1.882
HORIZONTAL SPREAD	:	3.414	3.414	2.616
VERTICAL SPREAD	:	3.507	2.447	2.447
EXTREME SPREAD	:	3.966	3.966	2.837
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Sep 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.201

VS= 1.779

GS= 2.557

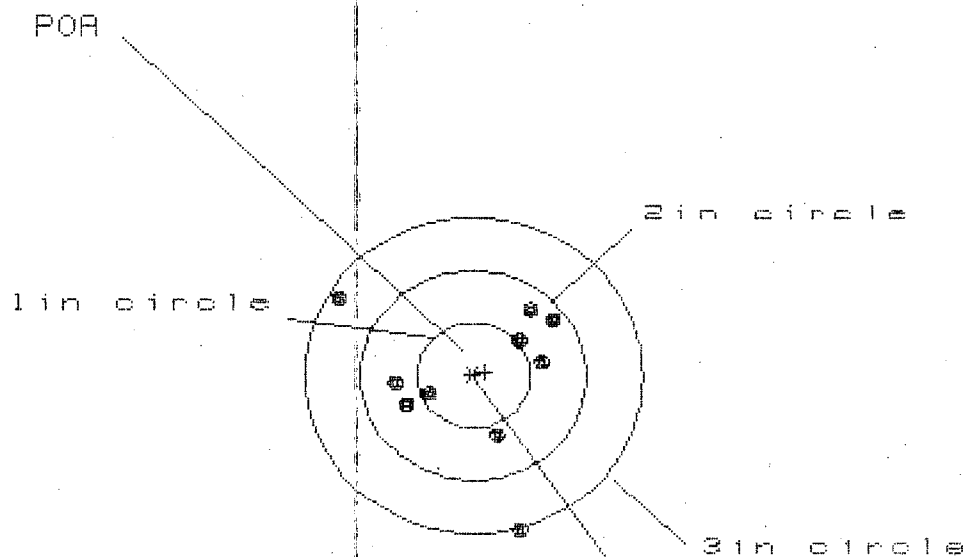
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.201	1.090	1.116
MINIMUM X	-1.000	-1.033	-.896
MAXIMUM Y	.820	.713	.742
MINIMUM Y	-.960	-.669	-.640
CENTROID X	-.210	-.099	-.236
CENTROID Y	-.544	-.438	-.467
POA TO CENTROID in.	.584	.449	.523
MIN RADIUS	.372	.218	.343
MEAN RADIUS	.865	.785	.738
MAX RADIUS	1.386	1.186	1.286
HORIZONTAL SPREAD	2.201	2.123	2.012
VERTICAL SPREAD	1.779	1.382	1.382
EXTREME SPREAD	2.557	2.248	2.248
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

7 Sep 1991

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.945

VS= 2.215

GS= 2.716

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.733	.773	.627
MINIMUM X	-1.212	-1.172	-.751
MAXIMUM Y	.775	.615	.563
MINIMUM Y	-1.440	-.694	-.617
CENTROID X	-.105	-.145	.001
CENTROID Y	-.033	.127	.050
POA TO CENTROID in.	.110	.193	.050
MIN RADIUS	.411	.461	.419
MEAN RADIUS	.815	.737	.641
MAX RADIUS	1.484	1.323	.813
HORIZONTAL SPREAD	1.945	1.945	1.378
VERTICAL SPREAD	2.215	1.309	1.180
EXTREME SPREAD	2.716	1.963	1.569
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	