

C6636194

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington




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

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

MODEL 700™ M24

SERIAL NO.
C6636194

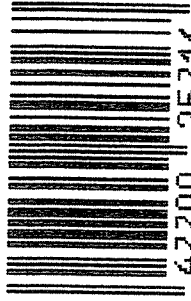
ORDER NO.
5716

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



5716 C6636194

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636194

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/9/91	K.S.
600	Proof		4/9/91	K.S.
607	Check Headspace		4/9/91	K.S.
610	Dis-assemble Gun		4/9/91	K.S.
612	Magnaflux Barrel Action		4/10/91	KR
	Magnaflux Bolt		4/10/91	U
615	Rollmark Caliber		4/10/91	JS
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	W.B.
620	Apply Coatings (Barrel Action)		5-10-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5-22/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5-22/91	KS
	C) Inspect Ejector Hole for Chamfer		5-22-91	KS
	D) Oil Firing Pin Ass'y		5-22-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-24-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/24/91	AF
	G) Safety Off Force	3	3	3			5/24/91	AF
	H) Trigger Pull Test & Retainability						5-24-91	DH
	I) Firing Pin Indent	10205	1021	1021			5/24/91	AF
	J) Assemble Stock						5/25/91	KS
	K) Assemble Swivel Studs						6-1-91	DH
	L) Attach Front and Rear Sight Assemblies						5/25/91	KS
	M) Iron Sight Alignment						5/25/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/25/91	KS
	O) Attach Scope to Rifle						5/25/91	KS
	P) Detach & Attach Scope 20 Times						5/25/91	KS
640	Gallery Target & Test						5-30-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-30-91	AF
655	Final Inspection							
	A) Headspace						6-1-91	DH
	B) Trigger Pull	2-63	2-69	2-73	2-70	2-70	6/1/91	AF
	C) Function						6-1-91	DH
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. CGG36194

DATE 5-23-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.74	2.91	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.84	2.90	2.69	
PULL #3	2.70	2.79	2.96	2.73	
PULL #4	2.66	2.74	3.00	2.70	
PULL #5	2.65	2.61	2.99	2.70	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.20		
PULL #2	3.05	3.15		
PULL #3	3.12	3.12		
PULL #4	3.21	3.19		
PULL #5	3.16	3.14		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.59		4.14
PULL #2	4.41	4.68		4.20
PULL #3	4.40	4.47		4.04
PULL #4	4.38	4.66		4.26
PULL #5	4.52	4.66		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636194
31 May 1991

CENTROIDAL DISTANCES

0 TO 1	.133154
1 TO 2	.4484
1 TO 3	.243115
1 TO 4	.0411096
1 TO 5	.227438

24 (----POB

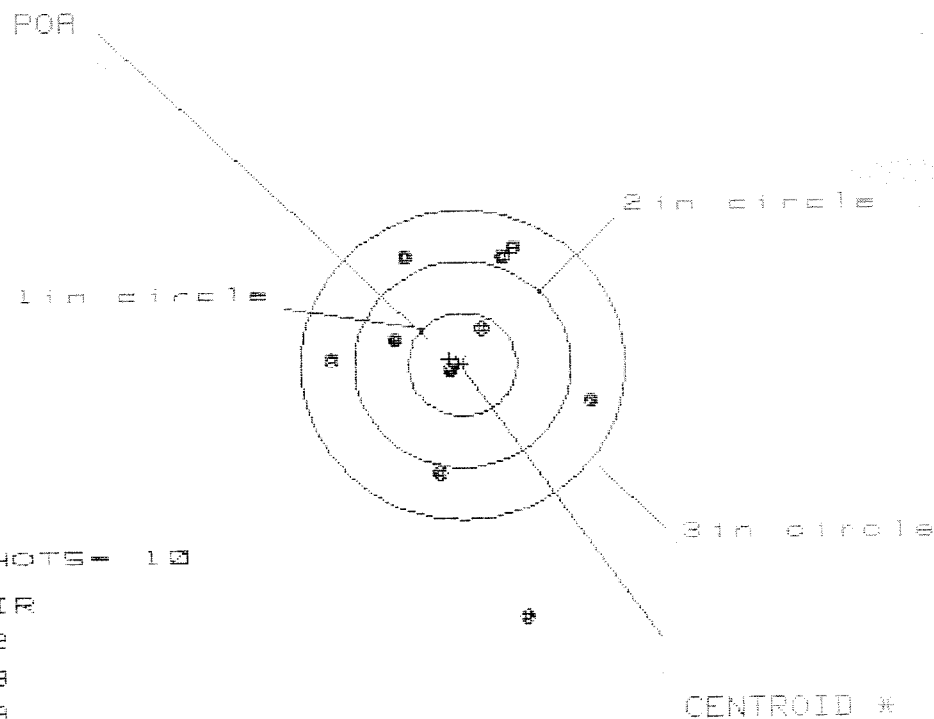
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0146
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0266
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0303434

THE AMR FOR THIS RIFLE IS: .9706

30 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636194

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.371

VS= 3.562

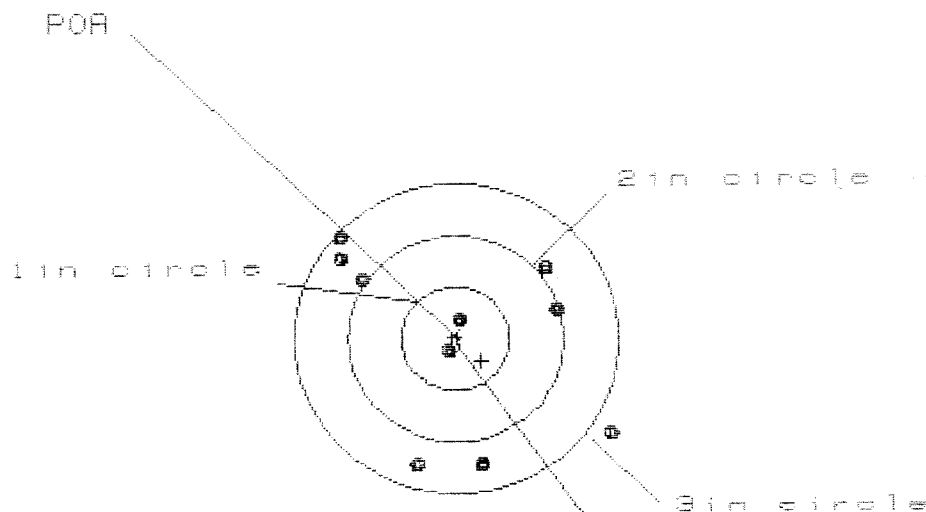
GS= 3.669

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.195	1.048
MINIMUM X	-1.242	-1.176	-.675
MAXIMUM Y	1.120	.048	.822
MINIMUM Y	-2.442	-1.346	-1.372
CENTROID X	.123	.057	.204
CENTROID Y	-.051	.221	.247
FOR TO CENTROID in.	.133	.228	.320
MIN RADIUS	.103	.257	.123
MEAN RADIUS	1.068	.860	.806
MAX RADIUS	2.514	1.360	1.407
HORIZONTAL SPREAD	2.371	2.371	1.723
VERTICAL SPREAD	3.562	2.194	2.194
EXTREME SPREAD	3.669	2.410	2.299
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

30 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.559

VS= 2.141

GS= 3.156

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.077	.961
MINIMUM X	:	-1.104	-.943	-1.059
MAXIMUM Y	:	.945	.843	.738
MINIMUM Y	:	-1.196	-1.298	-1.192
CENTROID X	:	-.234	-.395	-.279
CENTROID Y	:	.217	.319	.213
POA TO CENTROID in.	:	.319	.508	.351
MIN RADIUS	:	.165	.240	.162
MEAN RADIUS	:	1.034	.960	.899
MAX RADIUS	:	1.720	1.334	1.291
HORIZONTAL SPREAD	:	2.559	2.020	2.020
VERTICAL SPREAD	:	2.141	2.141	1.931
EXTREME SPREAD	:	3.156	2.498	2.329
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

30 May 1991

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.929

VS= 2.747

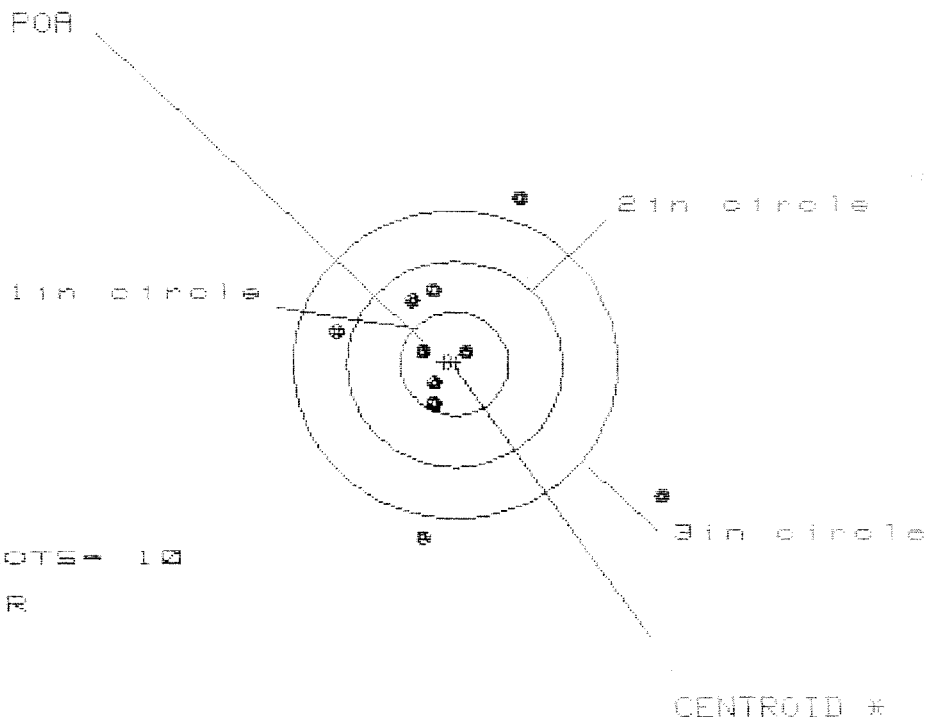
GS= 2.793

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.034	1.067	1.114
MINIMUM X	:	-.895	-.862	-.815
MAXIMUM Y	:	.848	.637	.431
MINIMUM Y	:	-1.899	-1.650	-1.604
CENTROID X	:	-.089	-.122	-.169
CENTROID Y	:	-.170	.041	.247
POA TO CENTROID in.	:	.192	.129	.299
MIN RADIUS	:	.351	.477	.434
MEAN RADIUS	:	1.017	.883	.752
MAX RADIUS	:	1.922	1.692	1.144
HORIZONTAL SPREAD	:	1.929	1.929	1.929
VERTICAL SPREAD	:	2.747	2.287	1.035
EXTREME SPREAD	:	2.793	2.377	2.010
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

30 May 1981

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 7

HS= 3.007

VS= 3.256

GS= 3.395

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.906	.862	.393
MINIMUM X	:	-1.101	-.889	-.781
MAXIMUM Y	:	1.590	1.452	.775
MINIMUM Y	:	-1.666	-1.804	-1.622
CENTROID X	:	.096	-.116	-.224
CENTROID Y	:	-.020	.118	-.064
POA TO CENTROID in.	:	.098	.166	.233
MIN RADIUS	:	.131	.078	.135
MEAN RADIUS	:	.934	.734	.617
MAX RADIUS	:	2.273	1.804	1.624
HORIZONTAL SPREAD	:	3.007	1.751	1.174
VERTICAL SPREAD	:	3.256	3.256	2.397
EXTREME SPREAD	:	3.395	3.377	2.397
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

30 May 1991

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CENTERFIRE PATTERNS # 5

POA

1 in circle =

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.899

VS = 2.359

GS = 2.360

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.087	1.061	1.086
MINIMUM X	-.812	-.838	-.813
MAXIMUM Y	.975	.821	.650
MINIMUM Y	-1.384	-1.370	-.502
CENTROID X	.031	.057	.032
CENTROID Y	.157	.311	.482
POA TO CENTROID in.	.160	.316	.483
MIN RADIUS	.252	.141	.129
MEAN RADIUS	.800	.698	.580
MAX RADIUS	1.405	1.385	1.175
HORIZONTAL SPREAD	1.899	1.899	1.899
VERTICAL SPREAD	2.359	2.191	1.152
EXTREME SPREAD	2.360	2.252	1.917
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	