

C6636224

MODEL 700™ M24

Model **S&S**™

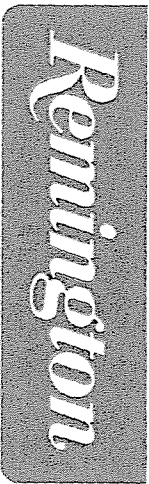
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®



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

MODEL 700™ M24

SERIAL NO.
C6636224

ORDER NO.
5716

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

20



5716 C6636224

UPC



0 47700 25716 7

BARBER - M24 0031917

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0031917

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636224

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 91	91	PW
600	Proof	6 25 91	91	PW
607	Check Headspace	6 25 91	91	PW
610	Dis-assemble Gun	6 25 91	91	PW
612	Magnaflux Barrel Action	JUL 1 1991	1 1991	KR
	Magnaflux Bolt	JUL 1 1991	1 1991	KR
615	Rollmark Caliber	JUL 1 1991	1 1991	GB
617	Drill and Tap Sight Holes	JUL 1 1991	1 1991	EB
618	Polish Barrel	JUL 2 1991	2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	WB
	Apply Coating (Bolt)		8/27/91	WB
625	Final Assembly		8/28/91	WB
	A) Clean inside of Bolt Assembly		8/28/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	WB
	C) Inspect Ejector Hole for Chamfer		8/28/91	WB
	D) Oil Firing Pin Ass'y		8/28/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		8/26/91	WB

Op. #		READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5	4 1/2			8/26/91	DH
	G) Safety Off Force	3	3	3			8/26/91	DH
	H) Trigger Pull Test & Retainability						8/26/91	JV
	I) Firing Pin Indent	.022	.022	.022			8/26/91	DH
	J) Assemble Stock						8/29/91	AW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/29/91	AW
	M) Iron Sight Alignment						8/29/91	AW
	N) Detach Front & Rear Sights & place in numbered container						8/29/91	AW
	O) Attach Scope to Rifle						8/29/91	AW
	P) Detach & Attach Scope 20 Times						8/29/91	AW
640	Gallery Target & Test						8-31-91	AC
	A) Time						8-31-91	AC
	B) Malfunctions						8-31-91	AC
	C) Pierced Primers						8-31-91	AC
	D) Optical Clarity of Scope						8-31-91	AC
645	Inspect for Live Ammo						8-31-91	AC
655	Final Inspection						8-31-91	DH
	A) Headspace							
	B) Trigger Pull	2.30	2.31	2.22	2.39	2.20	2.20	8/29/91
	C) Function						8-31-91	DH
660	Pack						9/17/91	DH

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

SERIAL NO. C6636224DATE 8-26-91TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.40	2.25	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.30	2.33	2.31	
PULL #3	2.50	2.31	2.30	2.22	
PULL #4	2.45	2.30	2.32	2.39	
PULL #5	2.39	2.16	2.30	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.18		
PULL #2	3.22	3.33		
PULL #3	3.23	3.35		
PULL #4	3.32	3.36		
PULL #5	3.35	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.44		4.27
PULL #2	4.24	4.20		4.35
PULL #3	4.41	4.33		4.30
PULL #4	4.21	4.42		4.27
PULL #5	4.24	4.26		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636224
27 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.189737
1 TO	2	.112414
1 TO	3	.570601
1 TO	4	.383209
1 TO	5	.255351

3
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .055
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .058255

THE AMR FOR THIS RIFLE IS: .9924

27 Aug 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6636224

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 3.441

VS= 3.881

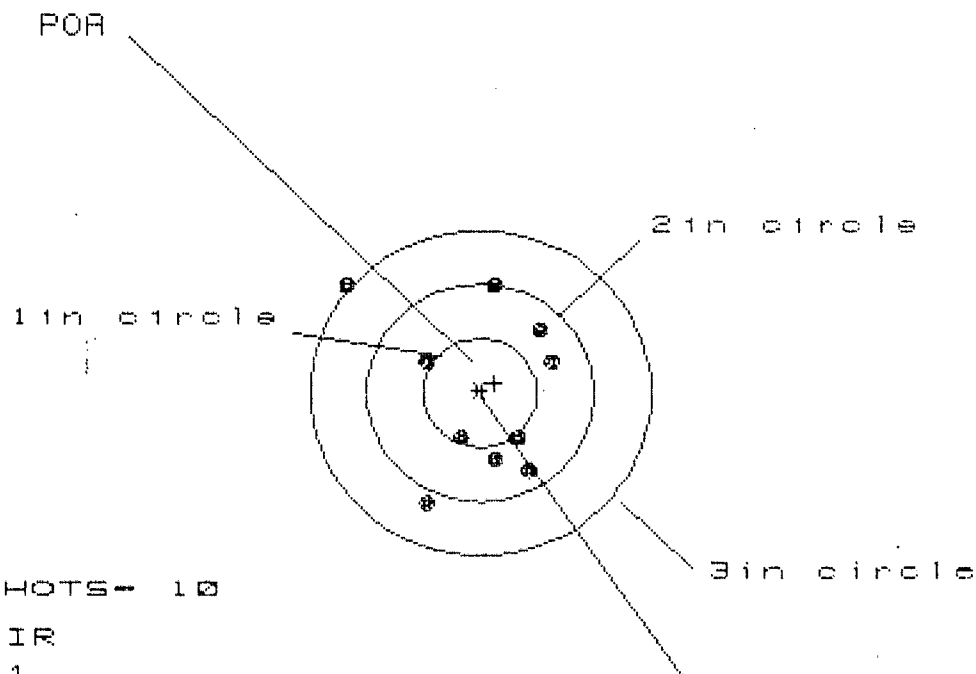
GS= 4.244

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.430	1.379	1.121
MINIMUM X	:	-2.011	-2.062	-1.641
MAXIMUM Y	:	.915	.585	.541
MINIMUM Y	:	-2.966	-.752	-.796
CENTROID X	:	-.060	-.009	.249
CENTROID Y	:	-.180	.150	.194
POA TO CENTROID in.	:	.190	.150	.316
MIN RADIUS	:	.422	.540	.680
MEAN RADIUS	:	1.361	1.140	.993
MAX RADIUS	:	3.002	2.093	1.653
HORIZONTAL SPREAD	:	3.441	3.441	2.762
VERTICAL SPREAD	:	3.881	1.337	1.337
EXTREME SPREAD	:	4.244	3.482	2.763
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.768

VS= 1.895

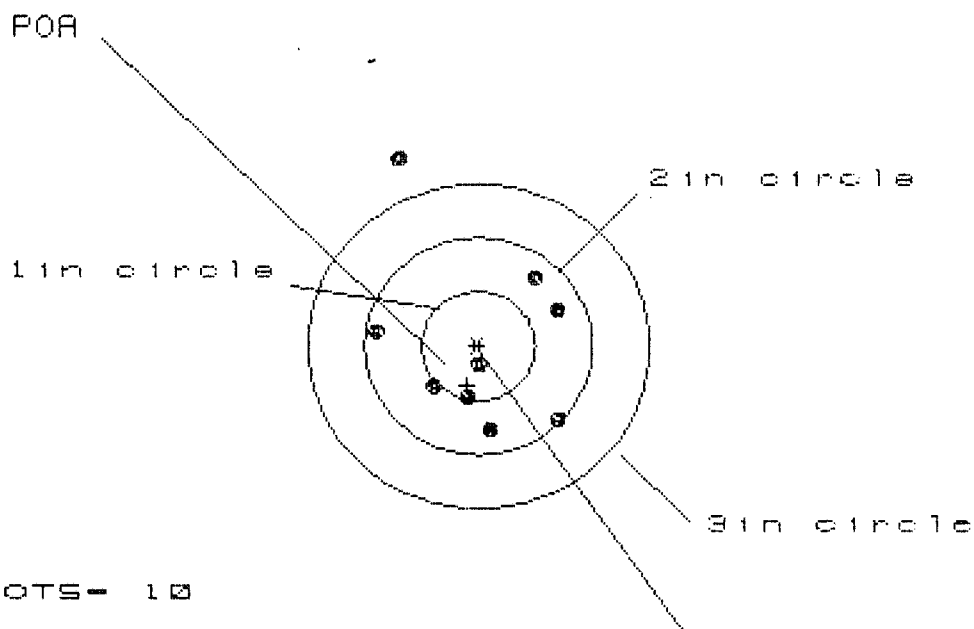
GS= 2.255

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.636	.510	.432
MINIMUM X	:	-1.132	-.622	-.650
MAXIMUM Y	:	.955	1.061	.944
MINIMUM Y	:	-1.040	-.934	-.682
CENTROID X	:	-.126	-.000	.078
CENTROID Y	:	-.089	-.195	-.078
POA TO CENTROID in.	:	.154	.195	.110
MIN RADIUS	:	.414	.392	.454
MEAN RADIUS	:	.795	.690	.637
MAX RADIUS	:	1.477	1.122	.946
HORIZONTAL SPREAD	:	1.768	1.132	1.083
VERTICAL SPREAD	:	1.995	1.995	1.626
EXTREME SPREAD	:	2.255	2.097	1.651
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 9

HS= 1.640

VS= 2.484

GS= 2.699

CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.749	.673	.746
MINIMUM X	:	-.891	-.967	-.894
MAXIMUM Y	:	1.711	.849	.794
MINIMUM Y	:	-.773	-.583	-.638
CENTROID X	:	.099	.175	.102
CENTROID Y	:	.368	.178	.233
POA TO CENTROID in.	:	.381	.249	.254
MIN RADIUS	:	.148	.059	.039
MEAN RADIUS	:	.773	.592	.573
MAX RADIUS	:	1.843	1.011	.959
HORIZONTAL SPREAD	:	1.640	1.640	1.640
VERTICAL SPREAD	:	2.484	1.432	1.432
EXTREME SPREAD	:	2.699	1.713	1.662
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	9		

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.564

VS= 1.547

GS= 2.675

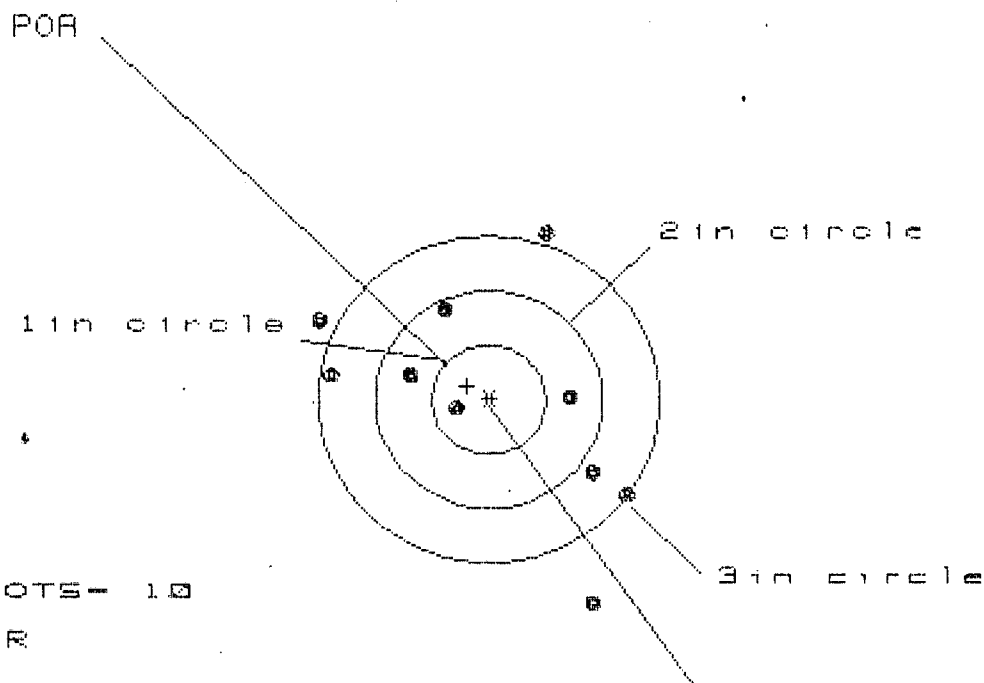
CENTROID #

PATTERN #	:	74	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.237	1.125	1.135
MINIMUM X	:	-1.327	-1.439	-1.298
MAXIMUM Y	:	.621	.518	.571
MINIMUM Y	:	-.926	-.477	-.424
CENTROID X	:	.172	.284	.143
CENTROID Y	:	.125	.228	.175
POA TO CENTROID in.	:	.212	.364	.227
MIN RADIUS	:	.173	.226	.179
MEAN RADIUS	:	.828	.774	.686
MAX RADIUS	:	1.371	1.464	1.316
HORIZONTAL SPREAD	:	2.564	2.564	2.433
VERTICAL SPREAD	:	1.547	.995	.995
EXTREME SPREAD	:	2.675	2.655	2.433
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 2.784

VS= 3.457

GS= 3.561

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.259	1.358	1.180
MINIMUM X	-1.525	-1.426	-1.453
MAXIMUM Y	1.539	1.326	1.387
MINIMUM Y	-1.918	-1.110	-1.049
CENTROID X	.190	.091	.269
CENTROID Y	-.128	.085	.025
POA TO CENTROID in.	.229	.125	.270
MIN RADIUS	.255	.315	.392
MEAN RADIUS	1.205	1.079	1.031
MAX RADIUS	2.115	1.754	1.579
HORIZONTAL SPREAD	2.784	2.784	2.633
VERTICAL SPREAD	3.457	2.436	2.436
EXTREME SPREAD	3.561	3.208	2.847
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		