

FORM

UPC



0 47700 25716 7

06648953

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24
ORDER NO. 5716
BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

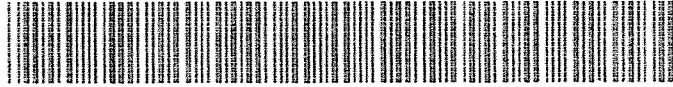
C6648953

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 C6648953

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



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SWS TRIGGER PULL TEST

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

SERIAL NO. C-6648953
DATE 10/16/91
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.22	2.39	250	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.43	2.35	250	
PULL #3	2.38	2.37	2.34	250	
PULL #4	2.37	2.35	2.44	241	
PULL #5	2.37	2.34	2.40	241	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.34		
PULL #2	3.25	3.37		
PULL #3	3.33	3.32		
PULL #4	3.28	3.35		
PULL #5	3.31	3.35		
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	4.37		4.39
PULL #2	4.40	4.38		4.37
PULL #3	4.34	4.35		4.33
PULL #4	4.37	4.38		4.32
PULL #5	4.36	4.42		4.37
TOTAL				
AVG.				

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648953

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	2	9 1	RW
610	Dis-assemble Gun	2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/28/91	WB
620	Apply Coatings (Barrel Action)		7-28-91	FB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/16/91	SH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/16/91	SM
	G) Safety Off Force	4	4	4			10/16/91	SM
	H) Trigger Pull Test & Retainability						10/16/91	SM
	I) Firing Pin Indent	1021	1021	1020			10/16/91	SM
	J) Assemble Stock						10/17/91	RW
	K) Assemble Swivel Studs						10-22-91	A
	L) Attach Front and Rear Sight Assemblies						10/17/91	RW
	M) Iron Sight Alignment						10/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/91	RW
	O) Attach Scope to Rifle						10/17/91	RW
	P) Detach & Attach Scope 20 Times						10/17/91	RW
640	Gallery Target & Test						10-18-91	AC
	A) Time						10-18-91	AC
	B) Malfunctions						10-18-91	AC
	C) Pierced Primers						10-18-91	AC
	D) Optical Clarity of Scope						10-18-91	AC
645	Inspect for Live Ammo						10-18-91	AC
655	Final Inspection							
	A) Headspace						10-22-91	A
	B) Trigger Pull	250	250	250	241	241	10-21-91	OH
	C) Function						10-22-91	A
660	Pack						12-10-91	N

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648953
18 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.154935
1 TO	2	.489908
1 TO	3	.0632851
1 TO	4	.147709
1 TO	5	.212078

#2 (----)FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.039
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0492
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0627825

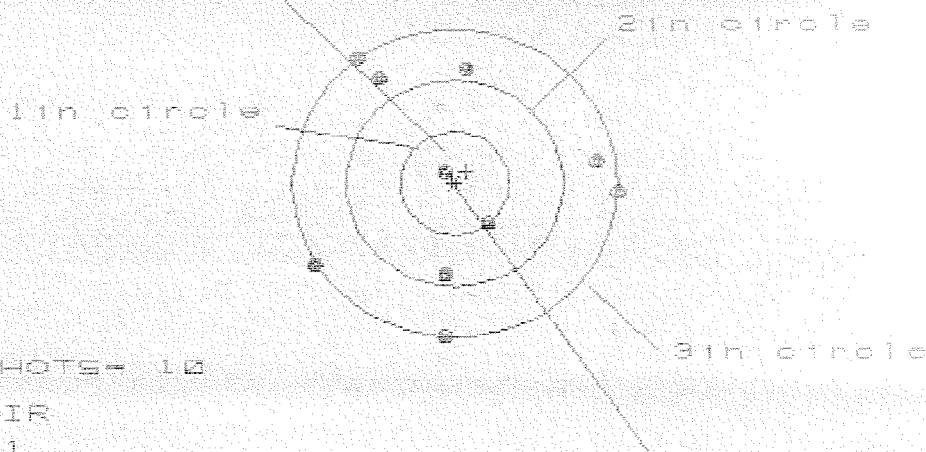
THE AMR FOR THIS RIFLE IS: 1.078

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FILE: PATTERNING/CENTERFIRE_PATT/C664D953

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.764

VS= 2.751

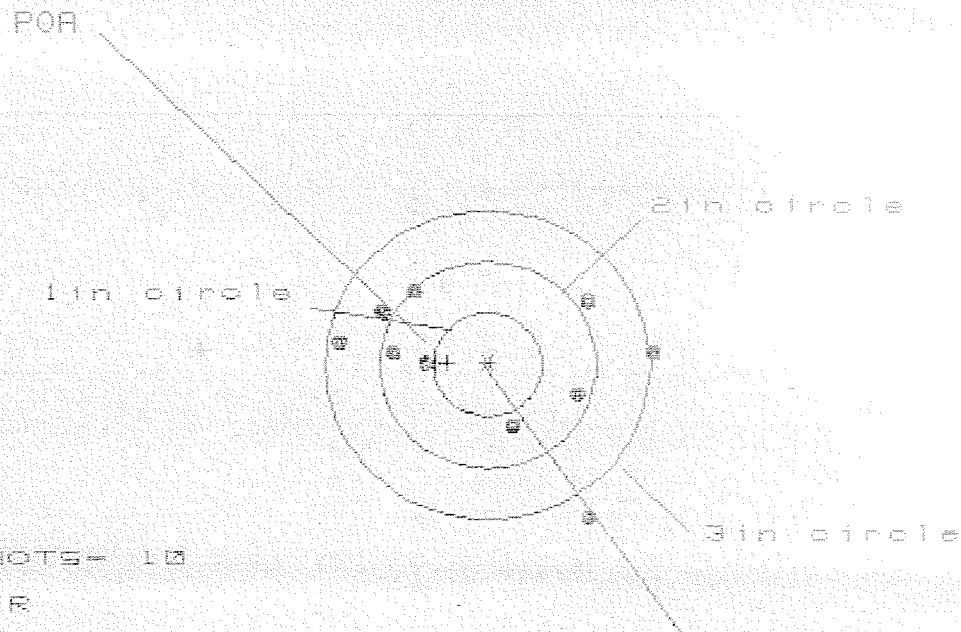
GS= 2.874

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.459	1.358	1.335
MINIMUM X	-1.305	-1.406	-1.429
MAXIMUM Y	1.228	1.262	1.089
MINIMUM Y	-1.523	-1.386	-.942
CENTROID X	-.106	-.005	.017
CENTROID Y	-.113	-.250	-.077
POA TO CENTROID in.	.155	.250	.079
MIN RADIUS	.100	.270	.195
MEAN RADIUS	1.123	1.068	1.023
MAX RADIUS	1.529	1.538	1.635
HORIZONTAL SPREAD	2.764	2.764	2.764
VERTICAL SPREAD	2.751	2.648	2.031
EXTREME SPREAD	2.874	2.854	2.854
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.925

VS= 2.186

GS= 2.929

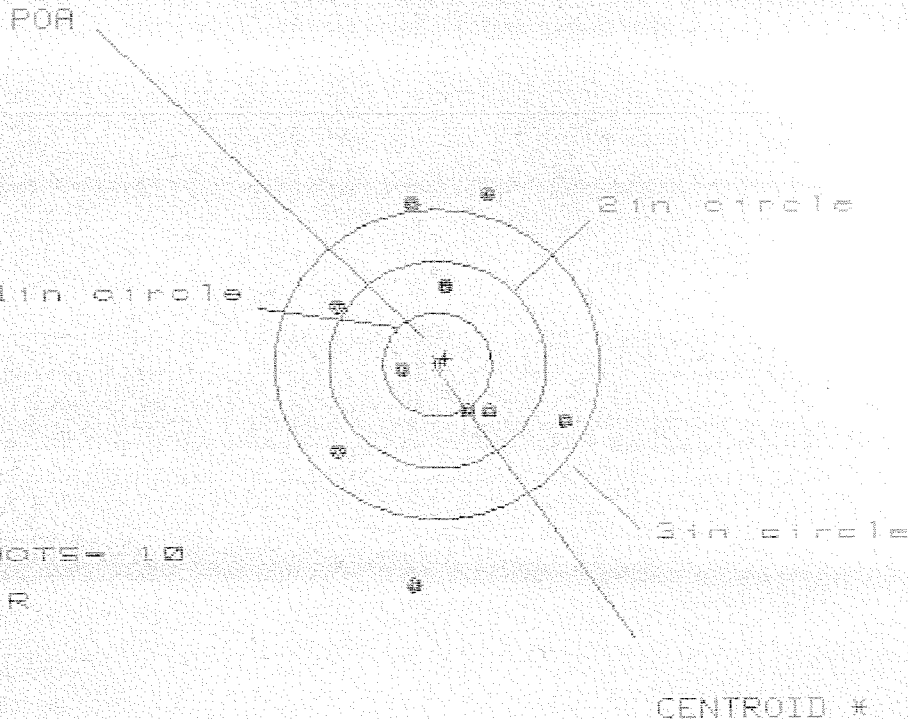
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.525	1.627	1.222
MINIMUM X	:	-1.400	-1.298	-1.094
MAXIMUM Y	:	.715	.552	.542
MINIMUM Y	:	-1.470	-.787	-.716
CENTROID X	:	.375	.273	.069
CENTROID Y	:	-.020	.144	.153
POA TO CENTROID in.	:	.376	.308	.168
MIN RADIUS	:	.587	.497	.307
MEAN RADIUS	:	1.078	.982	.848
MAX RADIUS	:	1.735	1.629	1.285
HORIZONTAL SPREAD	:	2.925	2.925	2.316
VERTICAL SPREAD	:	2.186	1.259	1.259
EXTREME SPREAD	:	2.929	2.929	2.340
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.109

VS= 3.807

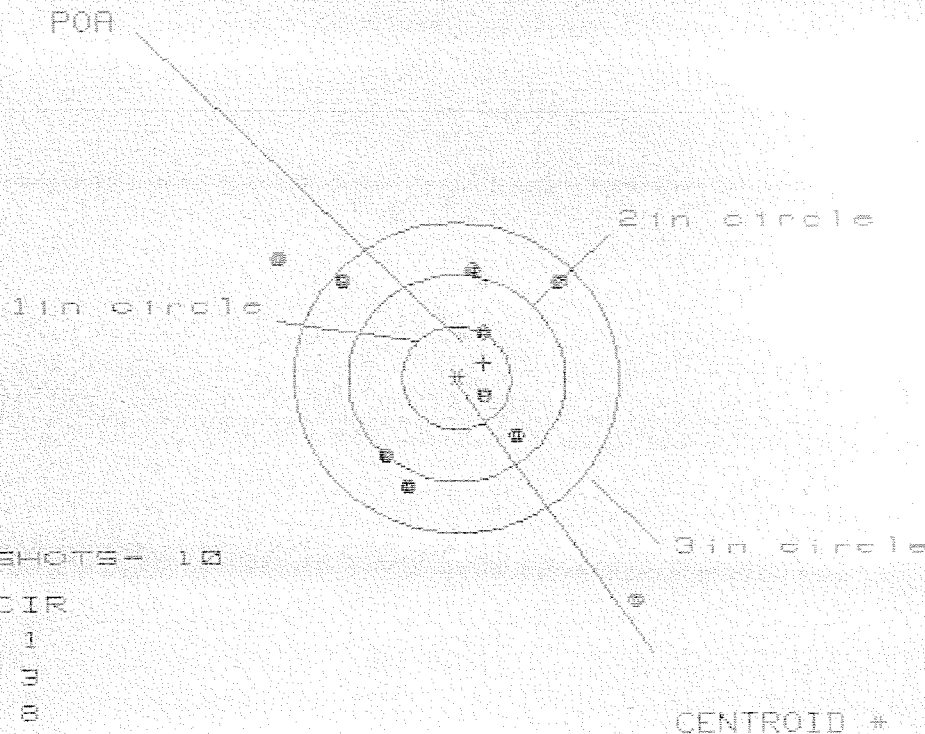
GS= 3.869

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.167	1.147	1.200
MINIMUM X	:	-.942	-.962	-.901
MAXIMUM Y	:	1.600	1.444	1.483
MINIMUM Y	:	-2.127	-1.078	-.897
CENTROID X	:	-.073	-.053	-.113
CENTROID Y	:	-.059	.177	-.004
POA TO CENTROID in.	:	.094	.184	.114
MIN RADIUS	:	.300	.433	.279
MEAN RADIUS	:	1.127	1.018	.925
MAX RADIUS	:	2.134	1.524	1.493
HORIZONTAL SPREAD	:	2.109	2.109	2.109
VERTICAL SPREAD	:	3.807	2.522	2.300
EXTREME SPREAD	:	3.869	2.889	2.538
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.310

VS= 3.297

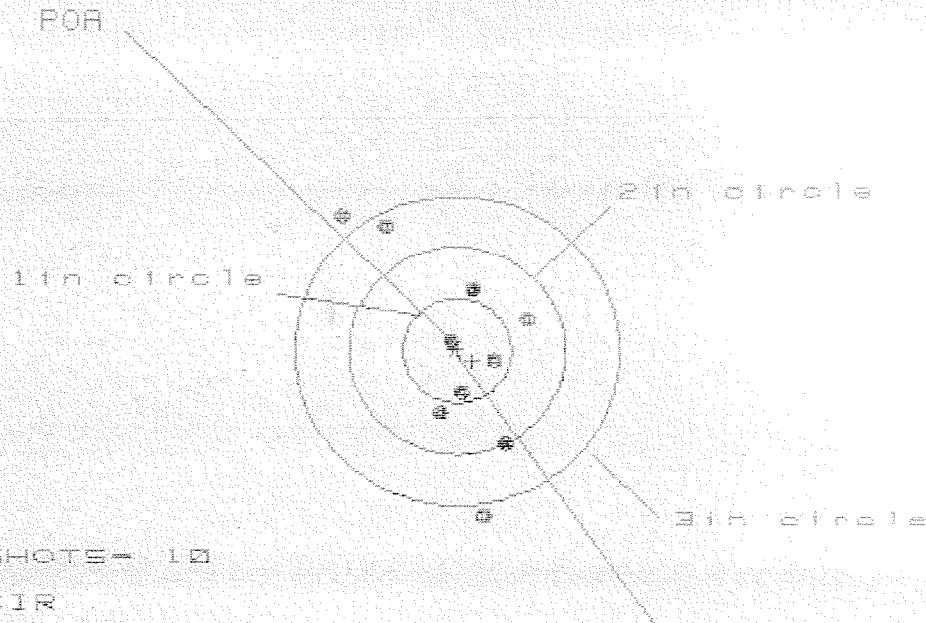
GS= 4.672

PATTERN #		4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.698	1.097	.913
MINIMUM X	:	-1.612	-1.423	-1.064
MAXIMUM Y	:	1.181	.946	.929
MINIMUM Y	:	-2.116	-1.240	-1.122
CENTROID X	:	-.249	-.438	-.260
CENTROID Y	:	-.150	.085	-.033
POA TO CENTROID in.	:	.291	.446	.262
MIN RADIUS	:	.283	.510	.369
MEAN RADIUS	:	1.219	1.059	.936
MAX RADIUS	:	2.713	1.709	1.339
HORIZONTAL SPREAD	:	3.310	2.520	1.983
VERTICAL SPREAD	:	3.297	2.186	2.051
EXTREME SPREAD	:	4.672	2.762	2.371
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.705

VS= 2.918

GS= 3.194

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.671	.556	.575
MINIMUM X	:	-1.034	-.776	-.757
MAXIMUM Y	:	1.311	1.339	1.156
MINIMUM Y	:	-1.607	-1.461	-.905
CENTROID X	:	-.142	-.027	-.046
CENTROID Y	:	.096	-.050	.133
POA TO CENTROID in.	:	.171	.057	.149
MIN RADIUS	:	.068	.220	.118
MEAN RADIUS	:	.841	.725	.633
MAX RADIUS	:	1.670	1.548	1.382
HORIZONTAL SPREAD	:	1.705	1.332	1.332
VERTICAL SPREAD	:	2.918	2.800	2.061
EXTREME SPREAD	:	3.194	2.949	2.345
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	