

MODEL 700™ M24

Model	SHS	TM
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Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

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

MODEL 700TM W24

SERIAL NO.
C6648989

ORDER NO.
5716

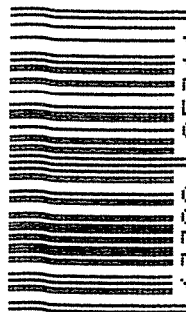
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

06



5716 C6648989

LPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648989

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	7 2 9 1		Rw
610	Dis-assemble Gun	7 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	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7-23-91	JA
	Apply Coating (Bolt)			JA
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	Rw
	C) Inspect Ejector Hole for Chamfer		8/29/91	Rw
	D) Oil Firing Pin Ass'y		8/29/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		9/11/91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/11/91	SL
	G) Safety Off Force	3	3	3			9/11/91	SL
	H) Trigger Pull Test & Retainability						9/11/91	SL
	I) Firing Pin Indent	1022	1022	1022			9/11/91	SL
	J) Assemble Stock						9/13/91	Re
	K) Assemble Swivel Studs						9-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						9/13/91	Re
	M) Iron Sight Alignment						9/13/91	Re
	N) Detach Front & Rear Sights & place in numbered container						9/13/91	Re
	O) Attach Scope to Rifle						9/13/91	Re
	P) Detach & Attach Scope 20 Times						9/13/91	Re
640	Gallery Target & Test						9-13-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						9-13-91	NE
655	Final Inspection							
	A) Headspace						9-14-91	D/H
	B) Trigger Pull	2.54	2.30	2.34	2.37	2.44	9-14-91	D/H
	C) Function						9-14-91	D/H
660	Pack						9-14-91	NE

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6648989

DATE 9-11-91

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.30	2.36	254	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.30	2.38	230	
PULL #3	2.43	2.33	2.32	234	
PULL #4	2.24	2.37	2.44	237	
PULL #5	2.30	2.34	2.35	244	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.37		
PULL #2	3.33	3.36		
PULL #3	3.34	3.27		
PULL #4	3.35	3.25		
PULL #5	3.34	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.58		4.53
PULL #2	4.31	4.58		4.48
PULL #3	4.27	4.55		4.50
PULL #4	4.59	4.64		4.52
PULL #5	4.56	4.48		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648989
13 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.108853
1 TO	2	.13
1 TO	3	.490799
1 TO	4	.394614
1 TO	5	.396128

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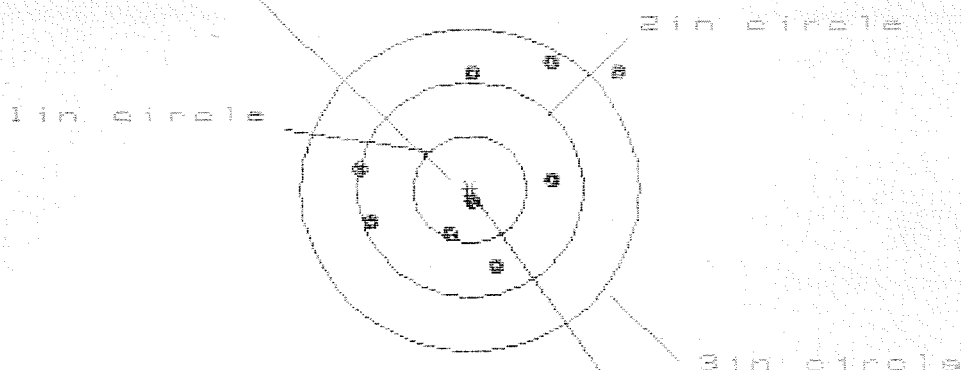
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0462
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1554
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162122
THE AMR FOR THIS RIFLE IS: .9488

13 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6548383

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 2.353

VS= 3.292

GS= 3.901

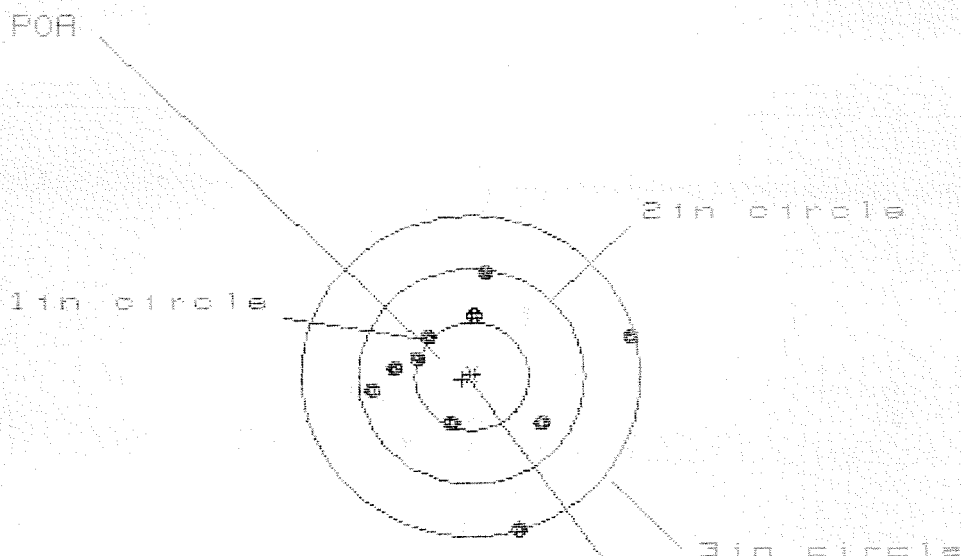
CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.341	1.243	.765
MINIMUM X	:	-1.012	-1.110	-.955
MAXIMUM Y	:	1.184	.950	1.059
MINIMUM Y	:	-2.108	-.896	-.787
CENTROID X	:	-.020	.078	-.077
CENTROID Y	:	.107	.341	.232
POA TO CENTROID in.	:	.108	.350	.245
MIN RADIUS	:	.133	.358	.271
MEAN RADIUS	:	1.041	.921	.817
MAX RADIUS	:	2.283	1.516	1.285
HORIZONTAL SPREAD	:	2.353	2.353	1.720
VERTICAL SPREAD	:	3.292	1.846	1.846
EXTREME SPREAD	:	3.901	2.616	2.135
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6646989

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.240

VS= 2.404

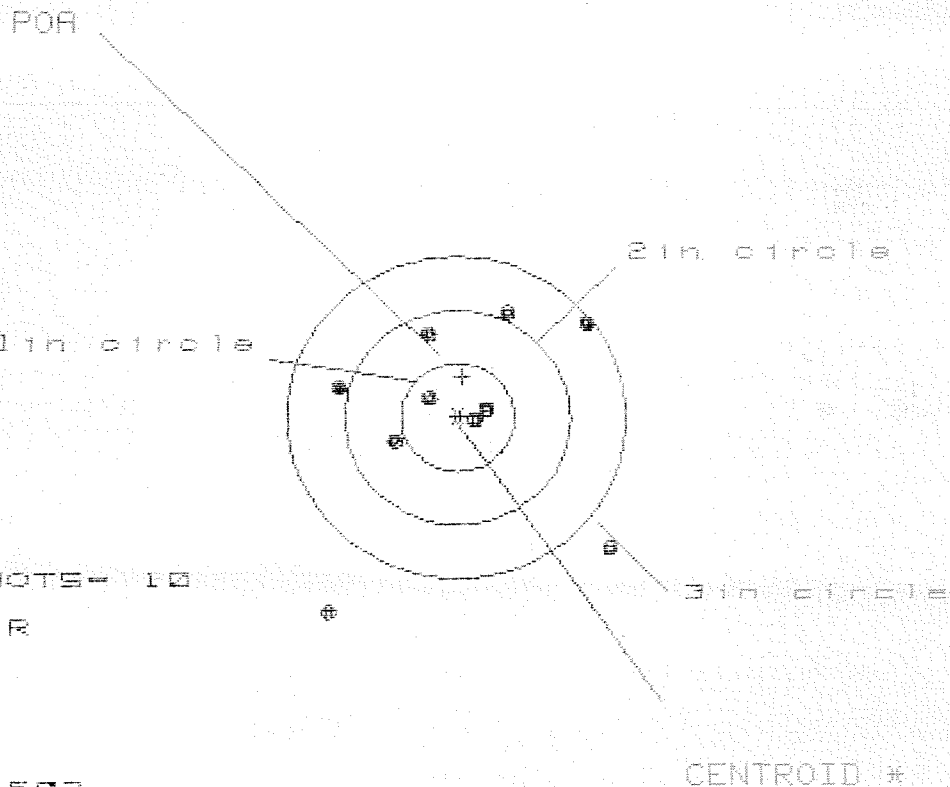
GS= 2.436

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.397	1.448	.847
MINIMUM X	-.843	-.792	-.611
MAXIMUM Y	.927	.763	.782
MINIMUM Y	-1.477	-.575	-.555
CENTROID X	.084	.033	-.148
CENTROID Y	.029	.193	.173
POA TO CENTROID in.	.089	.196	.228
MIN RADIUS	.444	.379	.237
MEAN RADIUS	.821	.787	.563
MAX RADIUS	1.546	1.457	1.013
HORIZONTAL SPREAD	2.240	2.240	1.458
VERTICAL SPREAD	2.404	1.338	1.338
EXTREME SPREAD	2.436	2.290	1.480
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.502

VS= 2.776

GS= 3.555

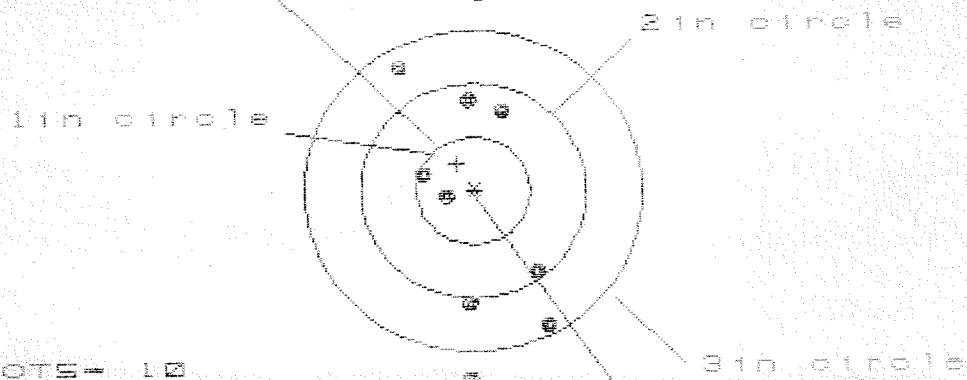
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.194	1.199
MINIMUM X	:	-1.177	-1.164	-1.014
MAXIMUM Y	:	.993	.795	.620
MINIMUM Y	:	-1.783	-1.395	-.608
CENTROID X	:	-.048	.083	-.067
CENTROID Y	:	-.383	-.185	-.011
POA TO CENTROID in.	:	.386	.203	.067
MIN RADIUS	:	.188	.168	.313
MEAN RADIUS	:	.971	.820	.684
MAX RADIUS	:	2.136	1.837	1.301
HORIZONTAL SPREAD	:	2.502	2.358	2.213
VERTICAL SPREAD	:	2.776	2.190	1.228
EXTREME SPREAD	:	3.555	2.791	2.288
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.222

VS = 3.596

GS = 3.601

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.613	.623	.613
MINIMUM X	:	-.609	-.599	-.609
MAXIMUM Y	:	1.891	1.324	1.137
MINIMUM Y	:	-1.705	-1.495	-1.236
CENTROID X	:	.146	.136	.146
CENTROID Y	:	-.251	-.461	-.274
POA TO CENTROID in.	:	.290	.480	.310
MIN RADIUS	:	.212	.278	.211
MEAN RADIUS	:	1.062	.968	.878
MAX RADIUS	:	1.893	1.498	1.380
HORIZONTAL SPREAD	:	1.222	1.222	1.222
VERTICAL SPREAD	:	3.596	2.819	2.373
EXTREME SPREAD	:	3.601	2.866	2.669
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

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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 = 7

3 in = 8

HS = 2.382

VS = 2.848

GS = 3.228

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.327	1.381	1.255
MINIMUM X	:	-1.055	-1.001	-.998
MAXIMUM Y	:	.983	.776	.489
MINIMUM Y	:	-1.857	-.564	-.466
CENTROID X	:	.069	.015	.141
CENTROID Y	:	-.279	-.072	-.170
POA TO CENTROID in.	:	.287	.074	.220
MIN RADIUS	:	.140	.285	.131
MEAN RADIUS	:	.849	.700	.614
MAX RADIUS	:	1.918	1.460	1.311
HORIZONTAL SPREAD	:	2.382	2.382	2.245
VERTICAL SPREAD	:	2.848	1.340	.875
EXTREME SPREAD	:	3.228	2.691	2.247
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	