

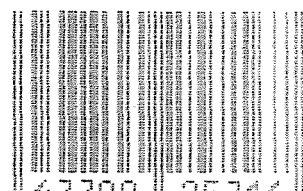
Small
III

FORM

INCLUDES 1 IN CHAMBER

05665750

UPC



0 47700 25716 7

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.

C6665750

ORDER NO.

5716

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



5716 C6665750

ORDER 5716

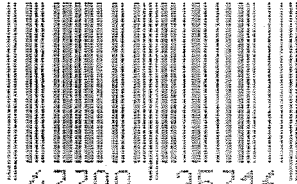
MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	LS
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	TJA
	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		10/25/91	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/25/91	HL
	G) Safety Off Force	2	2	2			10/25/91	HL
	H) Trigger Pull Test & Retainability						10/25/91	HL
	I) Firing Pin Indent	.022	.0215	.021			10/25/91	HL
	J) Assemble Stock						10/25/91	RW
	K) Assemble Swivel Studs						10-30-91	HL
	L) Attach Front and Rear Sight Assemblies						10/25/91	RW
	M) Iron Sight Alignment						10/25/91	RW
	N) Detach Front & Rear Sights place in numbered container						10/25/91	RW
	O) Attach Scope to Rifle						10/25/91	RW
	P) Detach & Attach Scope 20 Times						10/25/91	RW
640	Gallery Target & Test						10-28-91	DH
	A) Time						10-28-91	DH
	B) Malfunctions						10-28-91	DH
	C) Pierced Primers						10-28-91	DH
	D) Optical Clarity of Scope						10-28-91	DH
645	Inspect for Live Ammo						10-28-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	HL
	B) Trigger Pull	234	218	221	206	223	10-29-91	DH
	C) Function						10-30-91	HL
660	Pack						12-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO C-6665750

DATE 10-25-91

TESTER JCL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.50	2.53	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.46	2.51	2.18	
PULL #3	2.57	2.52	2.43	2.21	
PULL #4	2.56	2.53	2.50	2.06	
PULL #5	2.51	2.57	2.49	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.41		
PULL #2	3.20	3.25		
PULL #3	3.23	3.52		
PULL #4	3.42	3.38		
PULL #5	3.29	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	4.35	4.28		4.61
PULL #2	4.55	4.41		4.34
PULL #3	4.52	4.47		4.36
PULL #4	4.56	4.33		4.52
PULL #5	4.60	4.53		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 08665750
28 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.367267
1 TO	2	.0303645
1 TO	3	.37612
1 TO	4	.588952
1 TO	5	1.00432

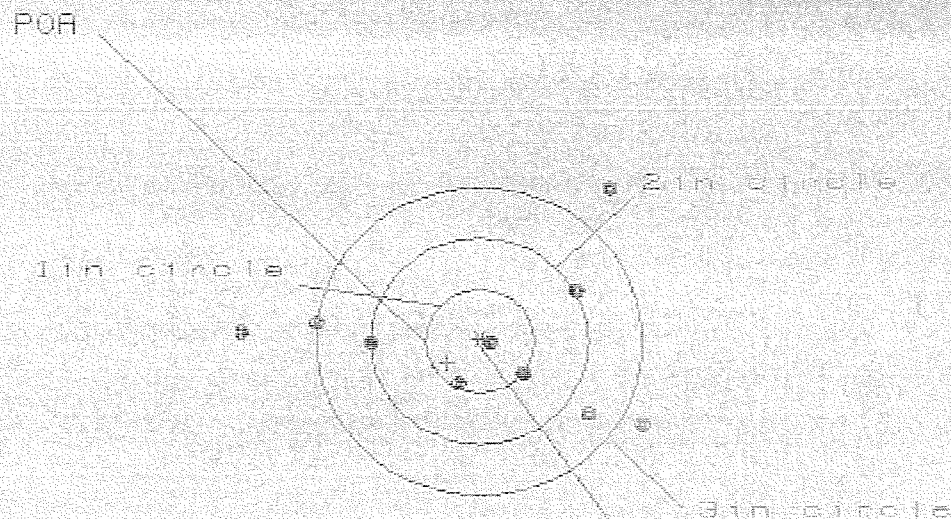
5 4b² <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127983
THE AMR FOR THIS RIFLE IS: 1.029

28 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06885750

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 3.646

VS= 2.299

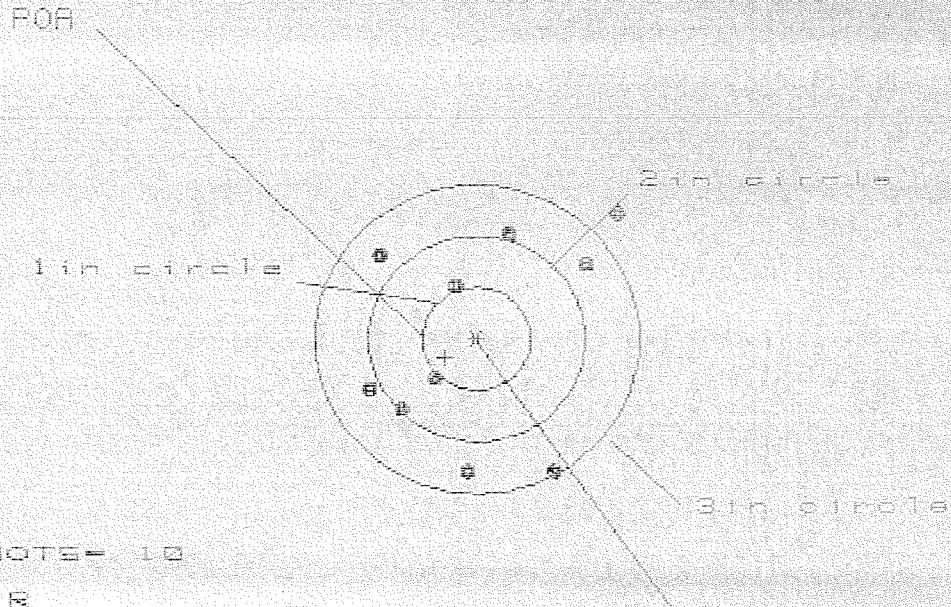
GS= 3.737

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.470	1.228	1.344
MINIMUM X	-2.176	-1.768	-1.652
MAXIMUM Y	1.534	1.540	1.661
MINIMUM Y	-1.765	-1.759	-1.566
CENTROID X	.302	.544	.428
CENTROID Y	.209	.203	.010
POA TO CENTROID in.	.367	.591	.428
MIN RADIUS	.131	.113	.214
MEAN RADIUS	1.166	1.021	.985
MAX RADIUS	2.177	1.801	1.691
HORIZONTAL SPREAD	3.646	2.996	2.996
VERTICAL SPREAD	2.299	2.299	1.227
EXTREME SPREAD	3.737	3.137	3.137
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

28 Oct 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 2.332

VS= 2.546

GS= 2.926

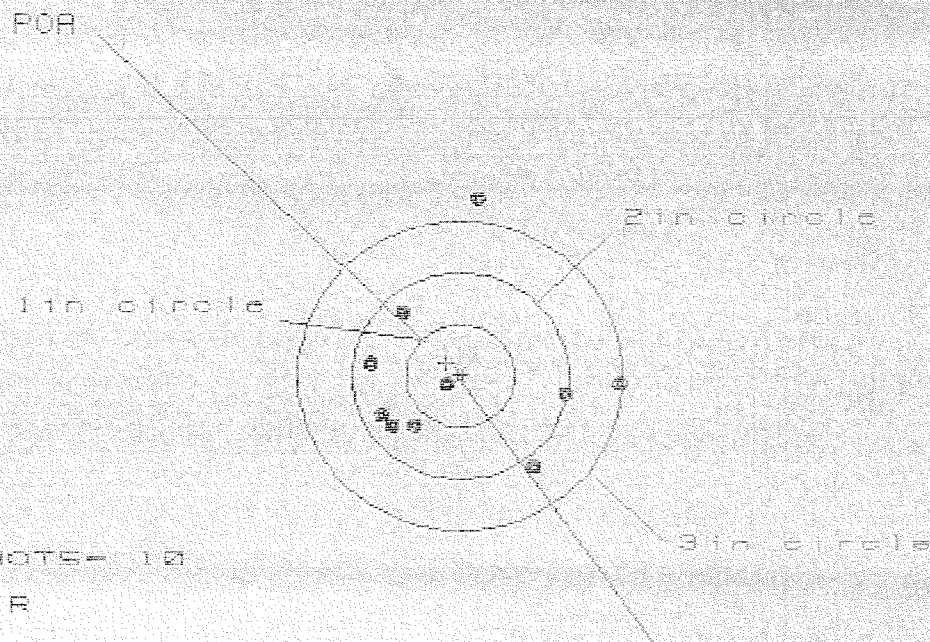
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.340	1.134	1.243
MINIMUM X	:	-0.992	-0.843	-0.734
MAXIMUM Y	:	1.232	1.120	0.978
MINIMUM Y	:	-1.314	-1.178	-1.320
CENTROID X	:	0.293	0.144	0.035
CENTROID Y	:	0.180	0.044	0.186
POA TO CENTROID in.	:	0.344	0.150	0.189
MIN RADIUS	:	0.529	0.372	0.445
MEAN RADIUS	:	1.130	1.020	0.948
MAX RADIUS	:	1.820	1.438	1.435
HORIZONTAL SPREAD	:	2.332	1.977	1.977
VERTICAL SPREAD	:	2.546	2.298	2.298
EXTREME SPREAD	:	2.926	2.666	2.334
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06665750

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 0.220

VS = 2.560

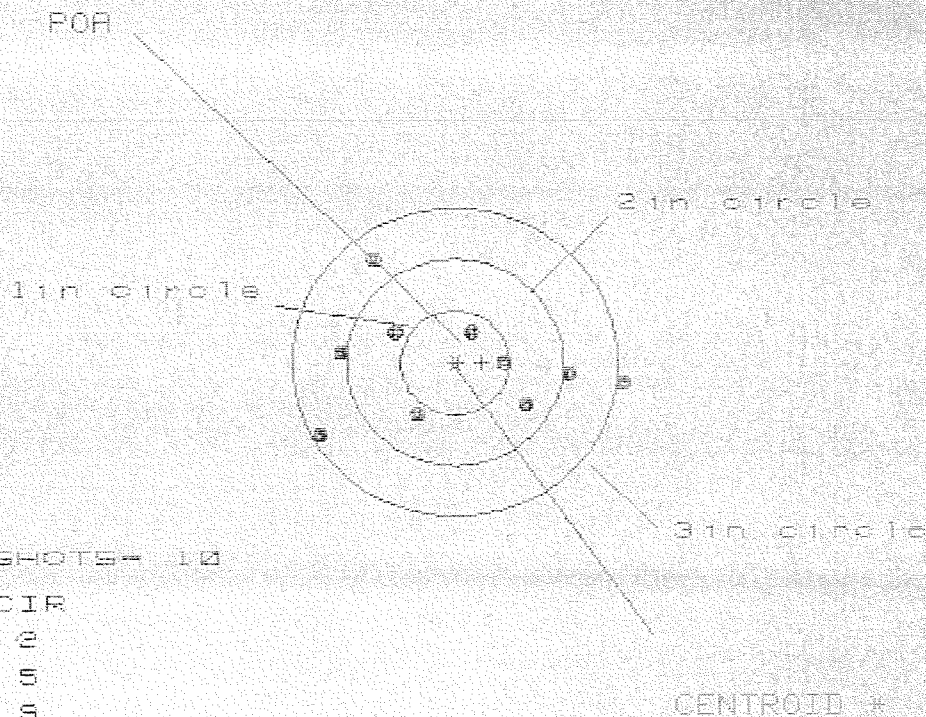
GS = 2.602

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.438	1.458	1.171
MINIMUM X	-0.790	-0.770	-0.588
MAXIMUM Y	1.684	0.841	0.855
MINIMUM Y	-0.876	-0.689	-0.675
CENTROID X	0.131	0.111	-0.071
CENTROID Y	-0.126	-0.313	-0.327
POA TO CENTROID in.	0.181	0.332	0.335
MIN RADIUS	0.173	0.153	0.119
MEAN RADIUS	0.925	0.809	0.673
MAX RADIUS	1.693	1.462	1.173
HORIZONTAL SPREAD	2.228	2.228	1.759
VERTICAL SPREAD	2.560	1.530	1.530
EXTREME SPREAD	2.602	2.241	1.922
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

28 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865750

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.021

VS= 1.690

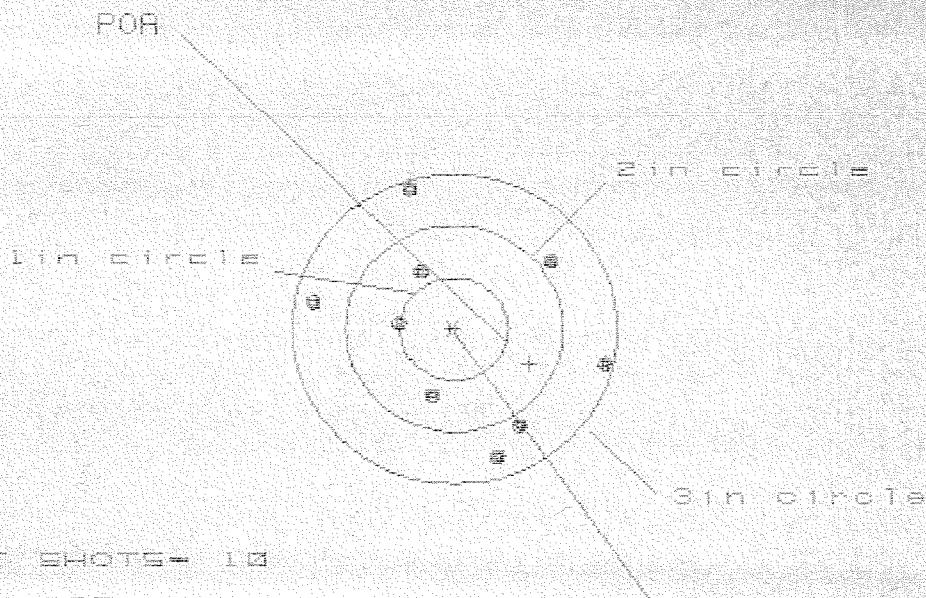
GS= 2.863

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.544
MINIMUM X	-1.277
MAXIMUM Y	1.019
MINIMUM Y	-.671
CENTROID X	-.249
CENTROID Y	-.001
POA TO CENTROID in.	.249
MIN RADIUS	.369
MEAN RADIUS	.915
MAX RADIUS	1.555
HORIZONTAL SPREAD	2.921
VERTICAL SPREAD	1.690
EXTREME SPREAD	2.863
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

28 Oct 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.753

VS= 2.656

GS= 2.815

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.416	1.370	1.012
MINIMUM X	-1.337	-1.383	-1.212
MAXIMUM Y	1.411	.798	.781
MINIMUM Y	-1.245	-1.088	-1.185
CENTROID X	-.694	-.648	-.819
CENTROID Y	.338	.181	.198
POA TO CENTROID in.	.772	.673	.843
MIN RADIUS	.504	.574	.443
MEAN RADIUS	1.007	.954	.867
MAX RADIUS	1.471	1.455	1.288
HORIZONTAL SPREAD	2.753	2.753	2.224
VERTICAL SPREAD	2.656	1.886	1.886
EXTREME SPREAD	2.815	2.815	2.286
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	10	