

OPEN

UPC



06665906

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6665906

20

ORDER NO.
5716

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



5716 C6665906

ORDER 5716
MODEL 700 TM M24

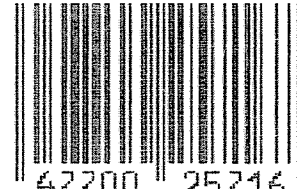
UPC



0 47700 25716 7

ORDER 5716
MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665906

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GB
617	Drill and Tap Sight Holes		SEP 30 1991	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	LB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	6			10-9-91	A
	G) Safety Off Force	4	4	4			10-9-91	10
	H) Trigger Pull Test & Retainability						10/9/91	Ru
	I) Firing Pin Indent	.022	.024	.022			10-9-91	A
	J) Assemble Stock						10/15/91	KL
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/15/91	KL
	M) Iron Sight Alignment						10/15/91	KL
	N) Detach Front & Rear Sights & place in numbered container						10/15/91	KL
	O) Attach Scope to Rifle						10/15/91	KL
	P) Detach & Attach Scope 20 Times						10/15/91	KL
640	Gallery Target & Test						10-16-91	N
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						10-16-91	NE
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	236	239	237	237	241	10-17-91	DH
	C) Function						10-22-91	AC
660	Pack						12-17-91	NE

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665906

DATE 10/9/91

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.44	2.52	236	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.41	2.58	239	
PULL #3	2.26	2.36	2.54	237	
PULL #4	2.40	2.38	2.51	237	
PULL #5	2.39	2.34	2.57	241	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.35		
PULL #2	3.24	3.34		
PULL #3	3.26	3.28		
PULL #4	3.28	3.33		
PULL #5	3.30	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.07		4.28
PULL #2	4.20	4.33		4.04
PULL #3	4.14	4.24		4.25
PULL #4	4.23	4.30		4.33
PULL #5	4.26	4.24		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665906
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.144368
1 TO	2	.490026
1 TO	3	.204519
1 TO	4	.197618
1 TO	5	.310717

2
31 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119716
THE RMR FOR THIS RIFLE IS: 1.102

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06865906

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.570

VS= 3.371

GS= 3.380

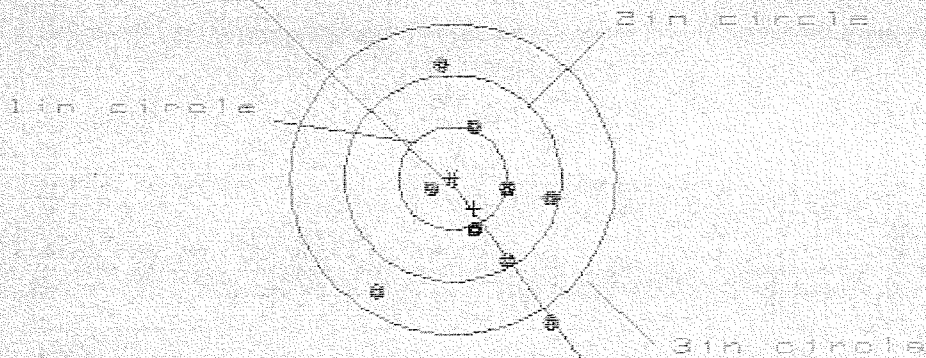
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.749	.757	.735
MINIMUM X	-.821	-.813	-.835
MAXIMUM Y	1.755	1.819	1.141
MINIMUM Y	-1.616	-1.421	-1.138
CENTROID X	.039	.031	.053
CENTROID Y	-.139	-.334	-.156
POA TO CENTROID in.	.144	.335	.165
MIN RADIUS	.180	.324	.201
MEAN RADIUS	.999	.930	.830
MAX RADIUS	1.756	1.432	1.351
HORIZONTAL SPREAD	1.570	1.570	1.570
VERTICAL SPREAD	3.371	2.740	2.279
EXTREME SPREAD	3.380	2.740	2.444
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665886

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.949

VS= 3.873

GS= 4.868

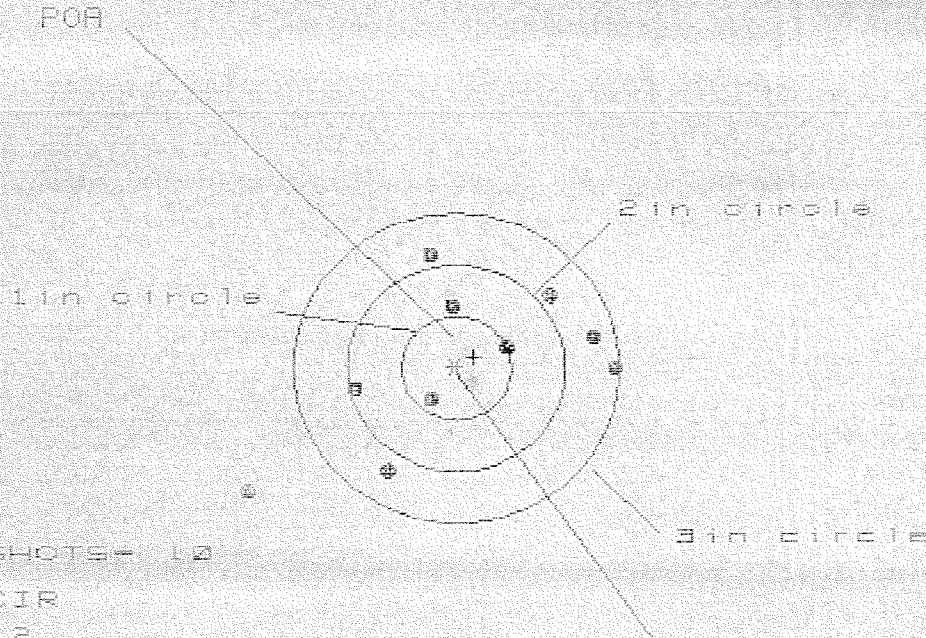
CENTROID +

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.920	.695	.741
MINIMUM X	-2.029	-.957	-.870
MAXIMUM Y	2.464	1.377	1.235
MINIMUM Y	-1.409	-1.135	-.964
CENTROID X	-.196	.029	-.058
CENTROID Y	.291	.017	.159
POA TO CENTROID in.	.351	.034	.169
MIN RADIUS	.237	.182	.329
MEAN RADIUS	1.084	.778	.712
MAX RADIUS	3.192	1.421	1.299
HORIZONTAL SPREAD	2.949	1.652	1.611
VERTICAL SPREAD	3.873	2.512	2.199
EXTREME SPREAD	4.868	2.722	2.280
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

16 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06665906

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HE= 3.352

VS= 2.288

GS= 3.567

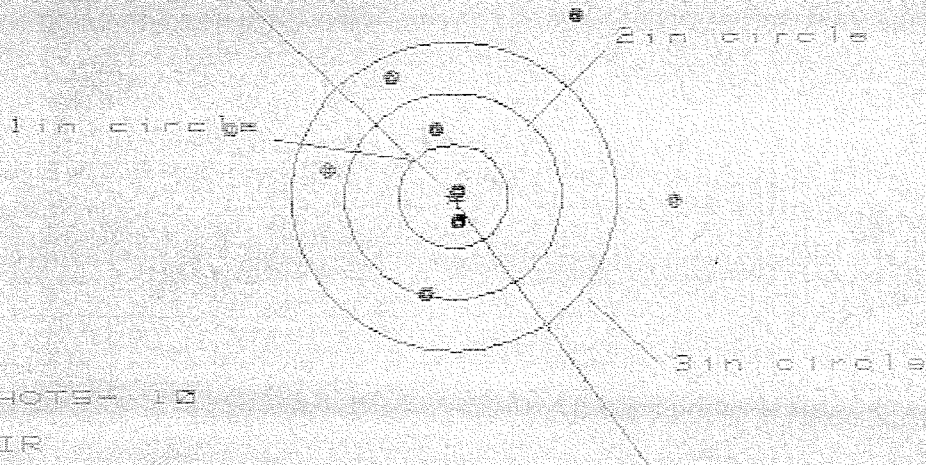
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.244	1.158
MINIMUM X	:	-1.907	-1.106	-.951
MAXIMUM Y	:	1.064	.928	.907
MINIMUM Y	:	-1.224	-1.159	-1.180
CENTROID X	:	-.163	.048	-.107
CENTROID Y	:	-.107	.029	.050
POA TO CENTROID in.	:	.195	.057	.118
MIN RADIUS	:	.399	.256	.409
MEAN RADIUS	:	1.072	.903	.855
MAX RADIUS	:	2.266	1.423	1.357
HORIZONTAL SPREAD	:	3.362	2.350	2.109
VERTICAL SPREAD	:	2.288	2.087	2.087
EXTREME SPREAD	:	3.567	2.353	2.241
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/00005306

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 4.078

VS= 5.103

GS= 5.109

PATTERN #

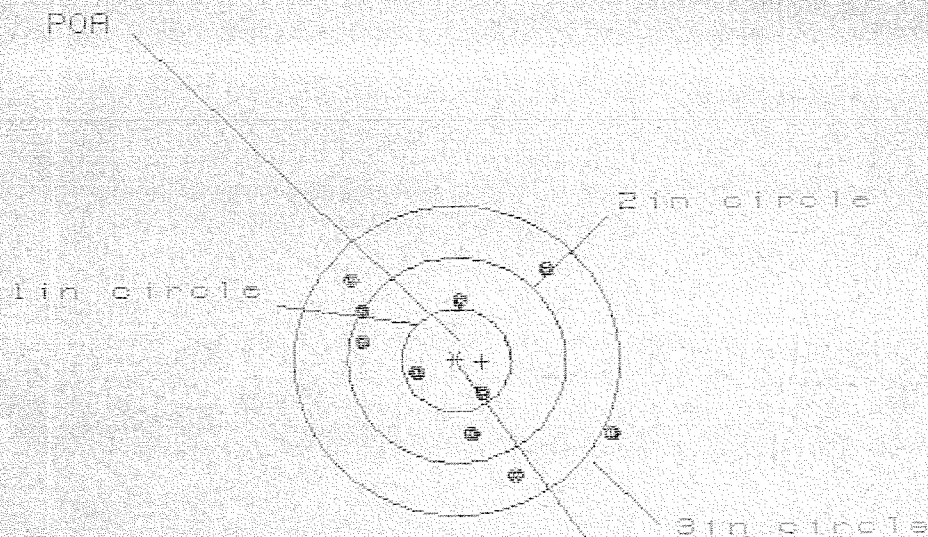
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.032	2.130	1.887
MINIMUM X	:	-2.046	-1.948	-1.303
MAXIMUM Y	:	1.742	1.369	1.400
MINIMUM Y	:	-3.361	-1.296	-1.265
CENTROID X	:	-1.038	-1.137	1.106
CENTROID Y	:	.043	.416	.385
POA TO CENTROID in.	:	.058	.439	.399
MIN RADIUS	:	.109	.337	.278
MEAN RADIUS	:	1.425	1.177	1.089
MAX RADIUS	:	3.477	2.171	1.926
HORIZONTAL SPREAD	:	4.078	4.078	3.198
VERTICAL SPREAD	:	5.103	2.665	2.665
EXTREME SPREAD	:	5.109	4.133	3.207
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665906

CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.429

VS= 2.036

GS= 2.857

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.425	.978	.872
MINIMUM X	-1.004	-.845	-.818
MAXIMUM Y	.899	.823	.916
MINIMUM Y	-1.137	-1.213	-1.120
CENTROID X	-.232	-.391	-.285
CENTROID Y	.013	.089	-.004
POA TO CENTROID in.	.233	.401	.285
MIN RADIUS	.347	.317	.359
MEAN RADIUS	.928	.836	.795
MAX RADIUS	1.581	1.382	1.265
HORIZONTAL SPREAD	2.429	1.823	1.690
VERTICAL SPREAD	2.036	2.036	2.036
EXTREME SPREAD	2.857	2.471	2.115
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	