

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

06665907

UPC



FORM

MODEL 700 TM M24

ORDER NO.

5216

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665987

ORDER NO.

5716

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

20

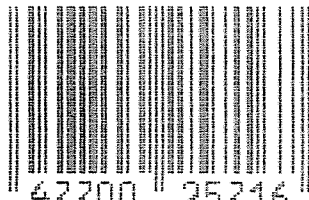


5716 C6665987

ORDER 5716

MODEL 700 TM M24

UPC

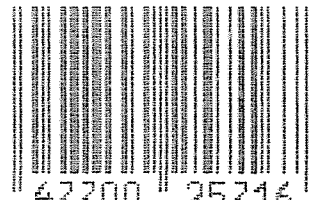


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6665907**

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 2 0 1991	KR
	Magnaflux Bolt		SEP 3 0 1991	KR
615	Rollmark Caliber		SEP 3 0 1991	KL
617	Drill and Tap Sight Holes		SEP 3 0 1991	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		9-9-91	KL
	Apply Coating (Bolt)		11-8-91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10-9-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10-9-91	Ac
	G) Safety Off Force	3	4	3			10-9-91	Ac
	H) Trigger Pull Test & Retainability						10-9-91	DH
	I) Firing Pin Indent	.021	.022	.022			10-9-91	Ac
	J) Assemble Stock						10/10/91	RW
	K) Assemble Swivel Studs						10-17-91	Ac
	L) Attach Front and Rear Sight Assemblies						10/10/91	RW
	M) Iron Sight Alignment						10/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/10/91	RW
	O) Attach Scope to Rifle						10/10/91	RW
	P) Detach & Attach Scope 20 Times						10/10/91	RW
640	Gallery Target & Test						10-15-91	DH
	A) Time						10-15-91	DH
	B) Malfunctions						10-15-91	DH
	C) Pierced Primers						10-15-91	DH
	D) Optical Clarity of Scope						10-15-91	DH
645	Inspect for Live Ammo						10-15-91	DH
655	Final Inspection							
	A) Headspace						10-17-91	Ac
	B) Trigger Pull	2.57	2.70	2.78	2.74	2.87	10-15-91	DH
	C) Function						10-17-91	Ac
660	Pack						12-20-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CGG65907

DATE 10-9-91

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.69	2.71	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.78	2.71	2.74	2.70	
PULL #3	2.76	2.61	2.64	2.78	
PULL #4	2.65	2.78	2.69	2.74	
PULL #5	2.74	2.76	2.85	2.87	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.29		
PULL #2	3.13	3.02		
PULL #3	3.00	3.11		
PULL #4	3.31	3.31		
PULL #5	3.29	3.00		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.37		4.57
PULL #2	4.12	4.41		4.24
PULL #3	3.98	4.40		4.35
PULL #4	4.16	4.13		4.50
PULL #5	4.37	4.25		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665907
15 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0759539
1 TO	2	.183142
1 TO	3	.330056
1 TO	4	.134193
1 TO	5	.0169706

$\frac{2}{f}$ <----POA

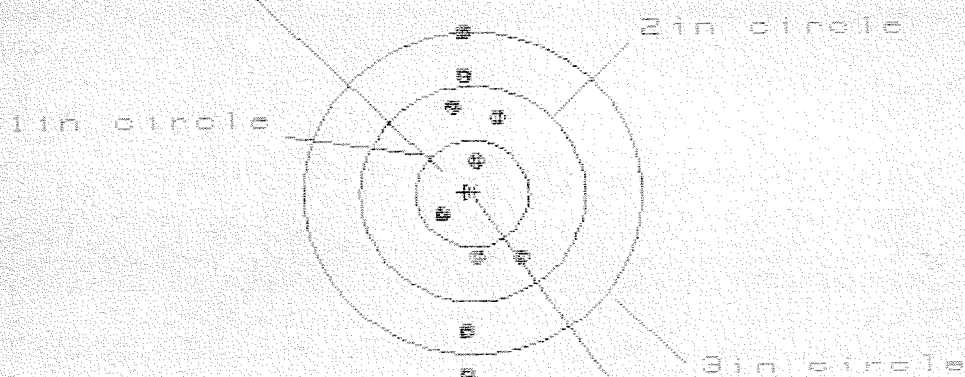
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1282
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0466
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .128917
THE AMR FOR THIS RIFLE IS: .7416

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06683307

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= .704

VS= 3.188

GS= 3.188

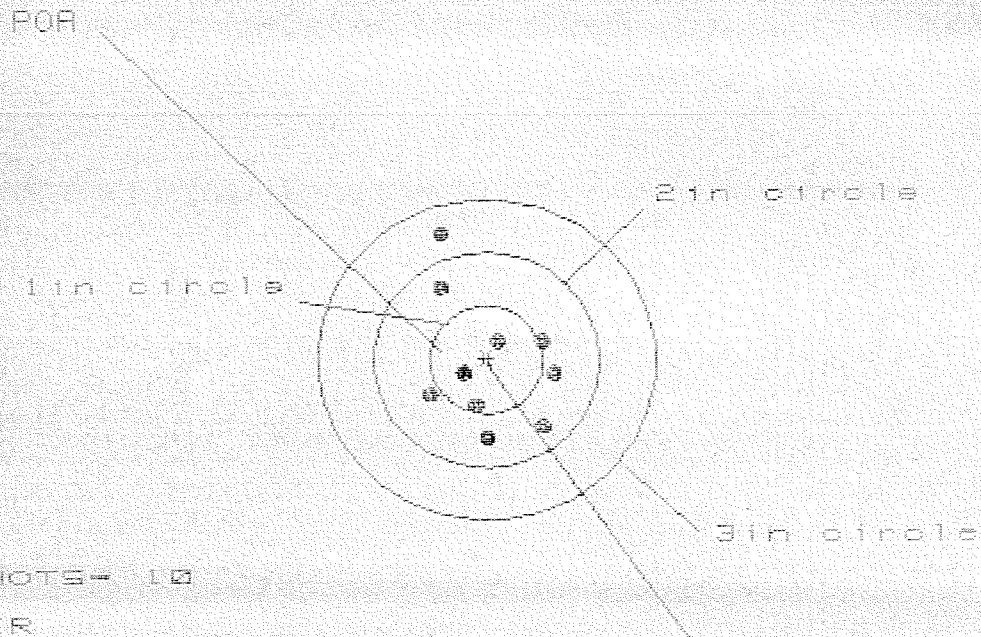
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.395	.391	.382
MINIMUM X	-.309	-.313	-.322
MAXIMUM Y	1.494	1.305	1.087
MINIMUM Y	-1.694	-1.492	-1.329
CENTROID X	.075	.079	.088
CENTROID Y	-.012	.177	.014
POA TO CENTROID in.	.076	.193	.089
MIN RADIUS	.286	.112	.259
MEAN RADIUS	.919	.806	.749
MAX RADIUS	1.695	1.493	1.331
HORIZONTAL SPREAD	.704	.704	.704
VERTICAL SPREAD	3.188	2.797	2.415
EXTREME SPREAD	3.188	2.797	2.415
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06005907

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.022

VS= 1.963

GS= 2.002

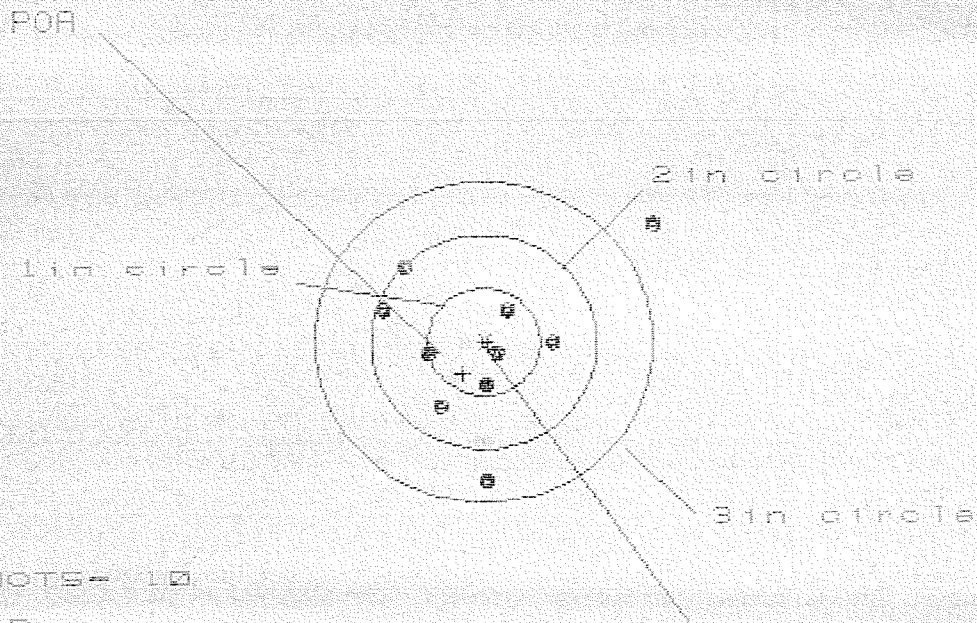
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.564	.515	.459
MINIMUM X	:	-.458	-.507	-.563
MAXIMUM Y	:	1.207	.839	.447
MINIMUM Y	:	-.756	-.622	-.517
CENTROID X	:	.204	.253	.309
CENTROID Y	:	.118	-.016	-.121
POA TO CENTROID in.	:	.236	.254	.332
MIN RADIUS	:	.160	.235	.228
MEAN RADIUS	:	.600	.508	.447
MAX RADIUS	:	1.285	.951	.589
HORIZONTAL SPREAD	:	1.022	1.022	1.022
VERTICAL SPREAD	:	1.963	1.461	.964
EXTREME SPREAD	:	2.002	1.541	1.103
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

15 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6665307

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.421

VS= 2.457

GS= 2.906

CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.545	.770	.791
MINIMUM X	-.876	-.704	-.683
MAXIMUM Y	1.151	.844	.696
MINIMUM Y	-1.306	-1.178	-.580
CENTROID X	.191	.019	-.002
CENTROID Y	.297	.169	.317
POA TO CENTROID in.	.353	.171	.317
MIN RADIUS	.177	.275	.320
MEAN RADIUS	.790	.642	.578
MAX RADIUS	1.927	1.190	.848
HORIZONTAL SPREAD	2.421	1.474	1.474
VERTICAL SPREAD	2.457	2.022	1.276
EXTREME SPREAD	2.906	2.130	1.498
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

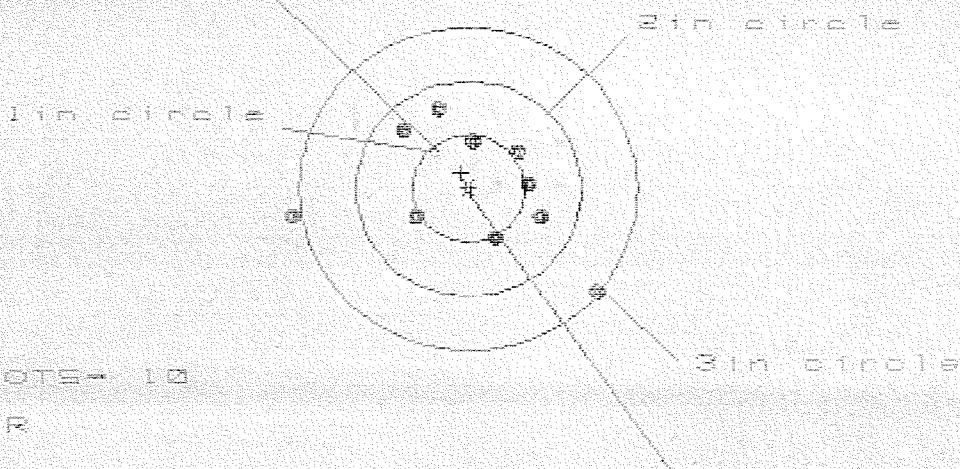
15 Oct 1991

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.695

VS= 1.666

GS= 2.785

CENTROID #

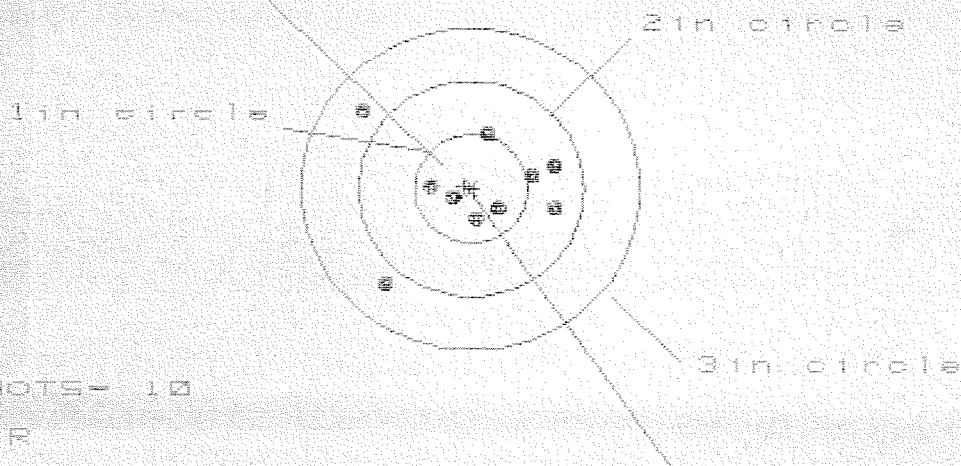
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.121	.946	.550
MINIMUM X	:	-1.574	-.744	-.625
MAXIMUM Y	:	.734	.708	.589
MINIMUM Y	:	-.932	-.958	-.561
CENTROID X	:	.068	.243	.124
CENTROID Y	:	-.146	-.120	-.001
POA TO CENTROID in.	:	.161	.271	.124
MIN RADIUS	:	.422	.327	.284
MEAN RADIUS	:	.778	.660	.564
MAX RADIUS	:	1.590	1.347	.717
HORIZONTAL SPREAD	:	2.695	1.690	1.175
VERTICAL SPREAD	:	1.666	1.666	1.150
EXTREME SPREAD	:	2.785	2.213	1.384
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.727

VS= 1.619

GS= 1.947

CENTROID *

PATTERN #		10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.716	.604	.490
MINIMUM X	:	-1.011	-.910	-.571
MAXIMUM Y	:	.727	.603	.501
MINIMUM Y	:	-.892	-.811	-.310
CENTROID X	:	.063	.175	.289
CENTROID Y	:	-.024	-.105	-.003
POA TO CENTROID in.	:	.067	.204	.289
MIN RADIUS	:	.225	.209	.246
MEAN RADIUS	:	.621	.533	.439
MAX RADIUS	:	1.245	1.219	.574
HORIZONTAL SPREAD	:	1.727	1.514	1.061
VERTICAL SPREAD	:	1.619	1.414	.811
EXTREME SPREAD	:	1.947	1.889	1.089
NUMBER IN ONE INCH CIRCLE =		4		
NUMBER IN TWO INCH CIRCLE =		8		
NUMBER IN THREE INCH CIRCLE =		10		