

FORM

UPC



0 47700 25716 7

C66666021

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6666021

ORDER NO.

5716

20

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



5716 C6666021

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 #

C6666021

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KA
600	Proof		9/30/91	KA
607	Check Headspace		9/30/91	KA
610	Dis-assemble Gun		9/30/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	LS.
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	KA
	Apply Coating (Bolt)		11/1/91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	KA
	C) Inspect Ejector Hole for Chamfer		11/26/91	KA
	D) Oil Firing Pin Ass'y		11/26/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-2-91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12/2/91	JK
	G) Safety Off Force	3	3	3			12/2/91	JK
	H) Trigger Pull Test & Retainability						12-2-91	JK
	I) Firing Pin Indent	10205	1020	1020			12-2-91	JK
	J) Assemble Stock						12/2/91	JK
	K) Assemble Swivel Studs						12-7-91	AC
	L) Attach Front and Rear Sight Assemblies						12/2/91	JK
	M) Iron Sight Alignment						12/2/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/2/91	JK
	O) Attach Scope to Rifle						12/2/91	JK
	P) Detach & Attach Scope 20 Times						12/2/91	JK
640	Gallery Target & Test						12-3-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						12-3-91	N
655	Final Inspection							
	A) Headspace						12-7-91	AC
	B) Trigger Pull	2.49	2.46	2.51	2.44	2.43	12-7-91	DH
	C) Function						12-7-91	AC
660	Pack						12-17-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6666021DATE 12-2-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.24	2.52	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.50	2.50	2.46	
PULL #3	2.50	2.31	2.48	2.51	
PULL #4	2.42	2.44	2.46	2.44	
PULL #5	2.50	2.48	2.51	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.37		
PULL #2	3.37	3.40		
PULL #3	3.43	3.45		
PULL #4	3.25	3.24		
PULL #5	3.44	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	4.65	4.47		4.43
PULL #2	4.30	4.33		4.57
PULL #3	4.28	4.47		4.48
PULL #4	4.46	4.46		4.27
PULL #5	4.30	4.42		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666021
3 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.303534
1 TO	2	.09827
1 TO	3	.256445
1 TO	4	.601103
1 TO	5	.254751

3rd
4

<----POA

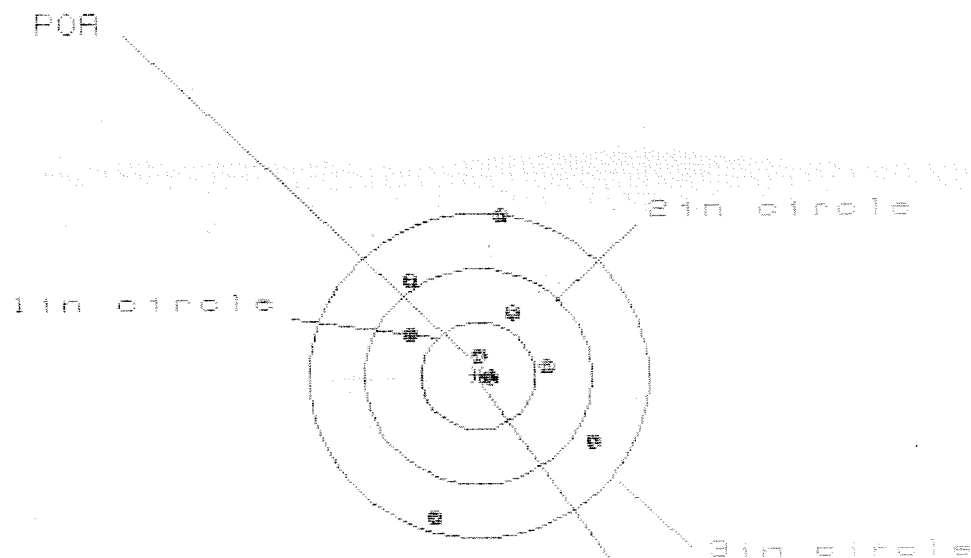
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.5252
THE RESULTING AVERAGE POI RANGE FOR THIS RIFLE IS: .360595
THE AMP FOR THIS RIFLE IS: 1.194

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C88680021

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.780

VS= 3.301

GS= 3.455

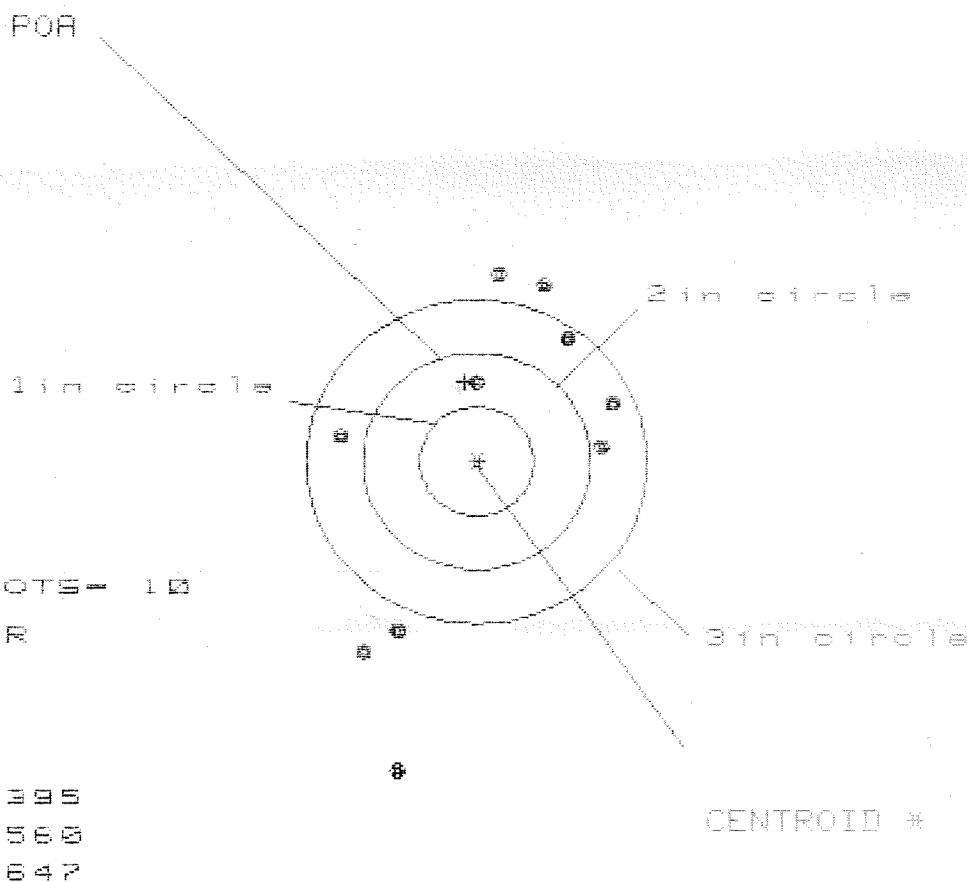
CENTROID #

PATTERN #	5	5	8
SHOTS (BEST OF)	10	5	8
MAXIMUM X	.999	.912	.931
MINIMUM X	-.781	-.649	-.630
MAXIMUM Y	1.536	1.340	.866
MINIMUM Y	-1.765	-1.468	-1.300
CENTROID X	-.104	-.017	-.036
CENTROID Y	.011	.207	.040
POA TO CENTROID in.	.104	.208	.053
MIN RADIUS	.127	.104	.086
MEAN RADIUS	.928	.782	.710
MAX RADIUS	1.930	1.532	1.366
HORIZONTAL SPREAD	1.780	1.561	1.561
VERTICAL SPREAD	3.301	2.808	2.166
EXTREME SPREAD	3.455	2.870	2.176
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666021

CENTERFIRE PATTERNS # 4

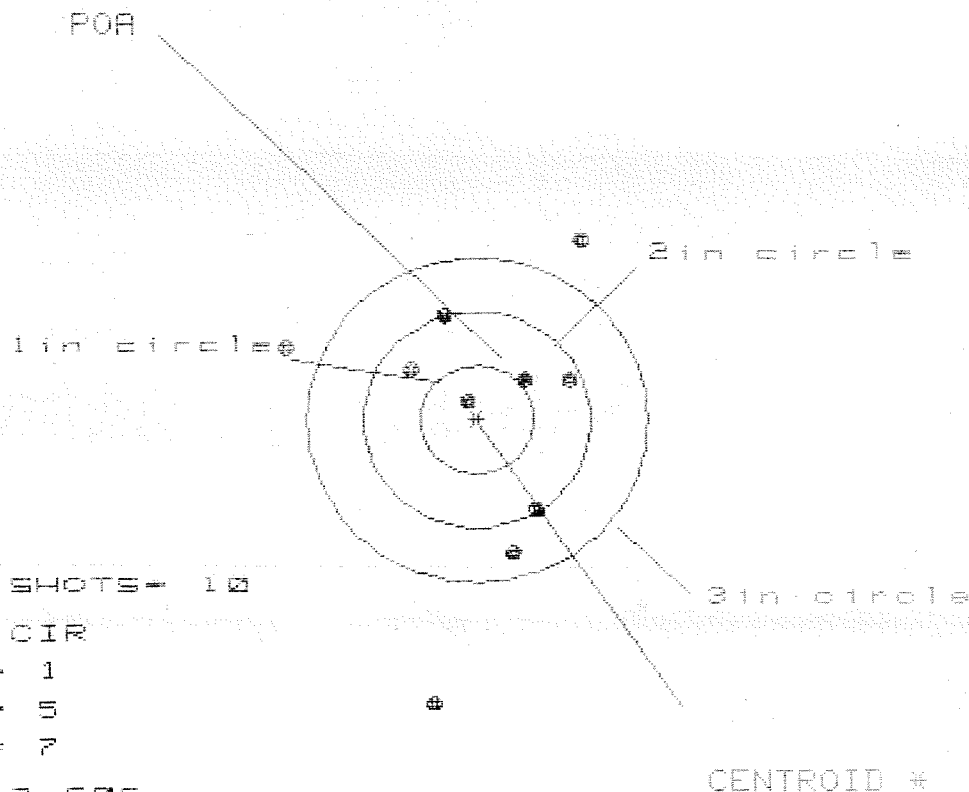


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	1.072	.932
MINIMUM X	:	-1.243	-1.323	-1.453
MAXIMUM Y	:	1.730	1.415	1.160
MINIMUM Y	:	-2.830	-2.044	-2.084
CENTROID X	:	.103	.183	.323
CENTROID Y	:	-.737	-.422	-.167
POA TO CENTROID in.	:	.744	.460	.364
MIN RADIUS	:	.732	.434	.308
MEAN RADIUS	:	1.576	1.339	1.128
MAX RADIUS	:	2.920	2.331	2.276
HORIZONTAL SPREAD	:	2.395	2.395	2.395
VERTICAL SPREAD	:	4.560	3.459	3.244
EXTREME SPREAD	:	4.647	3.728	3.392
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		5	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8686021

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.605

VS= 4.254

GS= 4.466

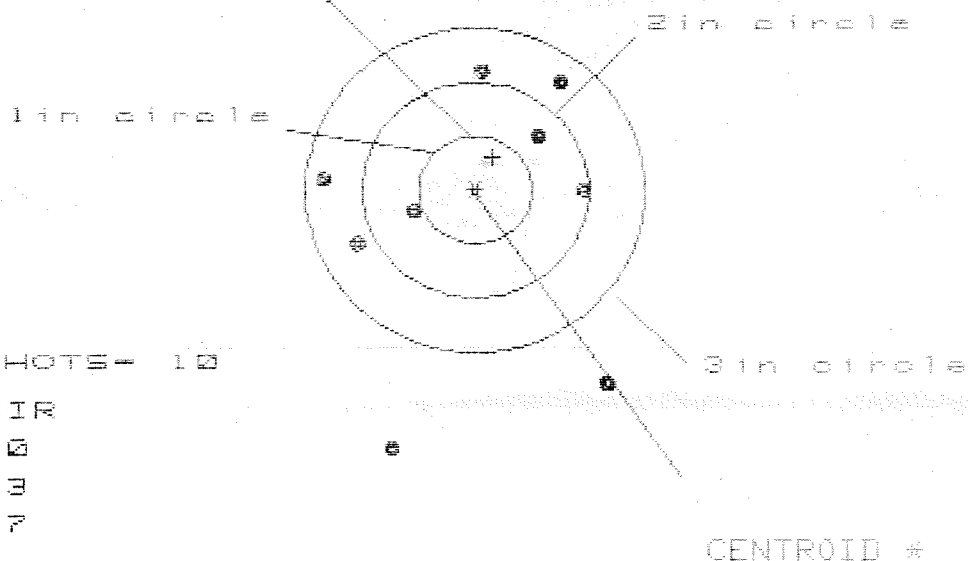
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.915	.932
MINIMUM X	:	-1.646	-1.690	-1.576
MAXIMUM Y	:	1.658	1.369	.866
MINIMUM Y	:	-2.596	-1.493	-1.322
CENTROID X	:	-.415	-.371	-.485
CENTROID Y	:	-.372	-.083	-.254
POA TO CENTROID in.	:	.557	.380	.548
MIN RADIUS	:	.167	.226	.042
MEAN RADIUS	:	1.195	.994	.901
MAX RADIUS	:	2.627	1.728	1.663
HORIZONTAL SPREAD	:	2.605	2.605	2.508
VERTICAL SPREAD	:	4.254	2.862	2.188
EXTREME SPREAD	:	4.466	2.938	2.683
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6666021

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.489

VS= 4.415

GS= 4.518

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.106	1.029	1.052
MINIMUM X	:	-1.383	-1.460	-1.437
MAXIMUM Y	:	2.068	1.808	1.887
MINIMUM Y	:	-2.347	-2.011	-1.785
CENTROID X	:	-.156	-.079	-.102
CENTROID Y	:	-.306	-.046	-.272
FOR TO CENTROID in.	:	.344	.091	.290
MIN RADIUS	:	.615	.523	.667
MEAN RADIUS	:	1.380	1.220	1.154
MAX RADIUS	:	2.448	2.259	2.072
HORIZONTAL SPREAD	:	2.489	2.489	2.489
VERTICAL SPREAD	:	4.415	3.819	2.872
EXTREME SPREAD	:	4.518	3.912	3.115
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06666021

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 1.241

VS= 3.482

GS= 3.489

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.478	.432	.346
MINIMUM X	-.762	-.809	-.895
MAXIMUM Y	1.972	1.173	1.011
MINIMUM Y	-1.510	-1.291	-.705
CENTROID X	-.207	-.161	-.075
CENTROID Y	-.222	-.441	-.279
POA TO CENTROID in.	.304	.469	.289
MIN RADIUS	.328	.152	.236
MEAN RADIUS	.892	.718	.621
MAX RADIUS	2.016	1.463	1.064
HORIZONTAL SPREAD	1.241	1.241	1.241
VERTICAL SPREAD	3.482	2.464	1.716
EXTREME SPREAD	3.489	2.589	1.832
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		