

FOEN

UPC



0 47700 25716 7

C6665945

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665945

ORDER NO.
5716

20

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



5716 C6665945

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665945

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
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)		11-91	KH
	Apply Coating (Bolt)		11-91	KH
625	Final Assembly A) Clean inside of Bolt Assembly		11/13/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/13/91	KH
	C) Inspect Ejector Hole for Chamfer		11/13/91	KH
	D) Oil Firing Pin Ass'y		11/13/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11/14/91	KH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/14/91	JK
	G) Safety Off Force	3	3	3			11/14/91	JK
	H) Trigger Pull Test & Retainability						11/14/91	JK
	I) Firing Pin Indent	020	1020	020			11/14/91	JK
	J) Assemble Stock						11/14/91	JK
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/91	JK
	M) Iron Sight Alignment						11/14/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/14/91	JK
	O) Attach Scope to Rifle						11/14/91	JK
	P) Detach & Attach Scope 20 Times						11/14/91	JK
640	Gallery Target & Test						11/20/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						11/20/91	KT
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.52	2.54	2.55	2.54	2.54	11/21/91	JK
	C) Function						11-27-91	D/H
660	Pack						12-19-91	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-6665945

DATE 11-14/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.50	2.48	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.43	2.40	2.54	
PULL #3	2.50	2.22	2.38	2.55	
PULL #4	2.41	2.45	2.55	2.54	
PULL #5	2.48	2.47	2.51	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.49		
PULL #2	3.48	3.50		
PULL #3	3.23	3.61		
PULL #4	3.61	3.51		
PULL #5	3.39	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.50		4.55
PULL #2	4.60	4.34		4.46
PULL #3	4.40	4.50		4.28
PULL #4	4.41	4.52		4.43
PULL #5	4.60	4.55		4.54
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665945
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.897669
1 TO	2	1.31983
1 TO	3	1.10222
1 TO	4	1.21162
1 TO	5	.926214

1
3 3 <----POA

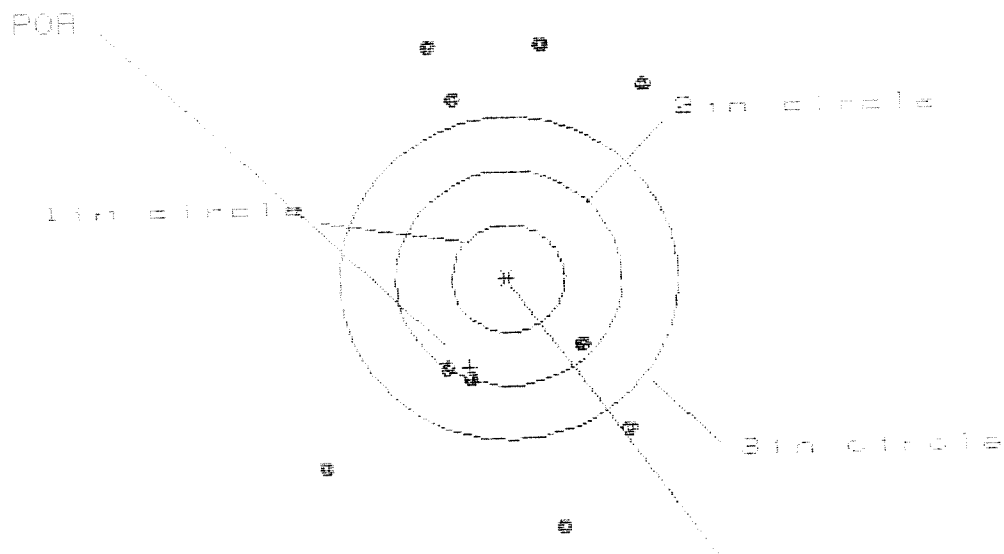
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0167023
THE AMR FOR THIS RIFLE IS: 1.158

30 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CB666945

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 2

ME = 2.888

S = 4.535

ME = 2.888

LENGTH =

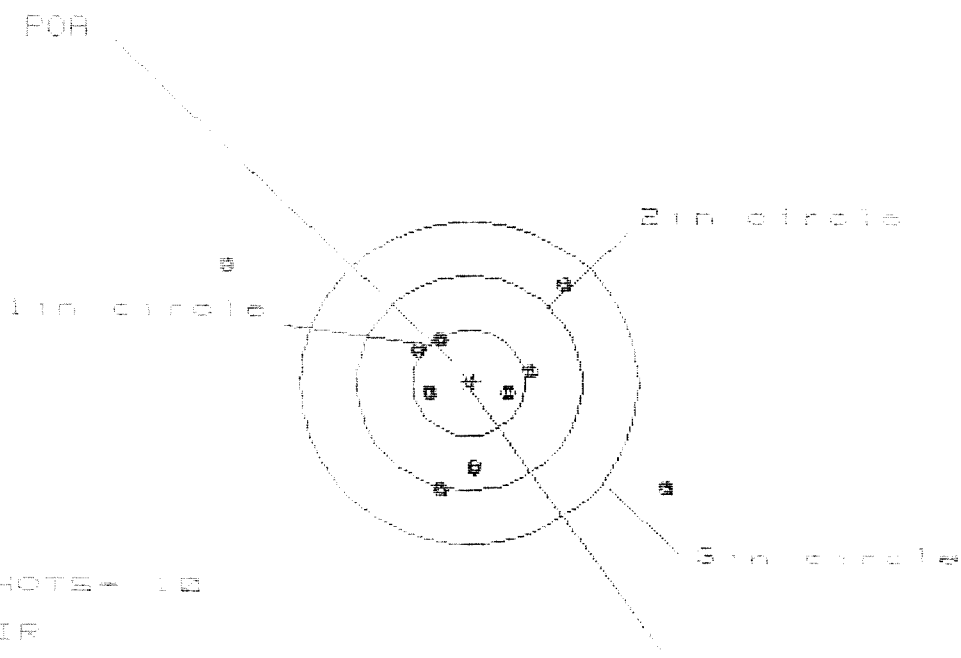
PHILIP #

	10	9	8
1st SHOT OF	1.268	1.318	1.122
2nd SHOT	-1.620	-1.570	-1.774
3rd SHOT	2.165	1.982	1.655
4th SHOT	-2.370	-1.975	-1.906
5th SHOT	.383	.313	.509
6th SHOT	.821	1.084	1.331
7th SHOT	.897	1.128	1.425
8th SHOT	.862	1.096	1.215
9th SHOT	1.780	1.723	1.616
10th SHOT	2.412	2.523	2.191
SPREAD	2.888	2.888	1.896
SPREAD	4.535	3.877	3.561
SPREAD	4.662	4.557	3.928
ONE INCH CIRCLE =		0	
TWO INCH CIRCLE =		2	
THREE INCH CIRCLE =		3	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8065345

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

AS = 2.841

VS = 2.149

GS = 4.401

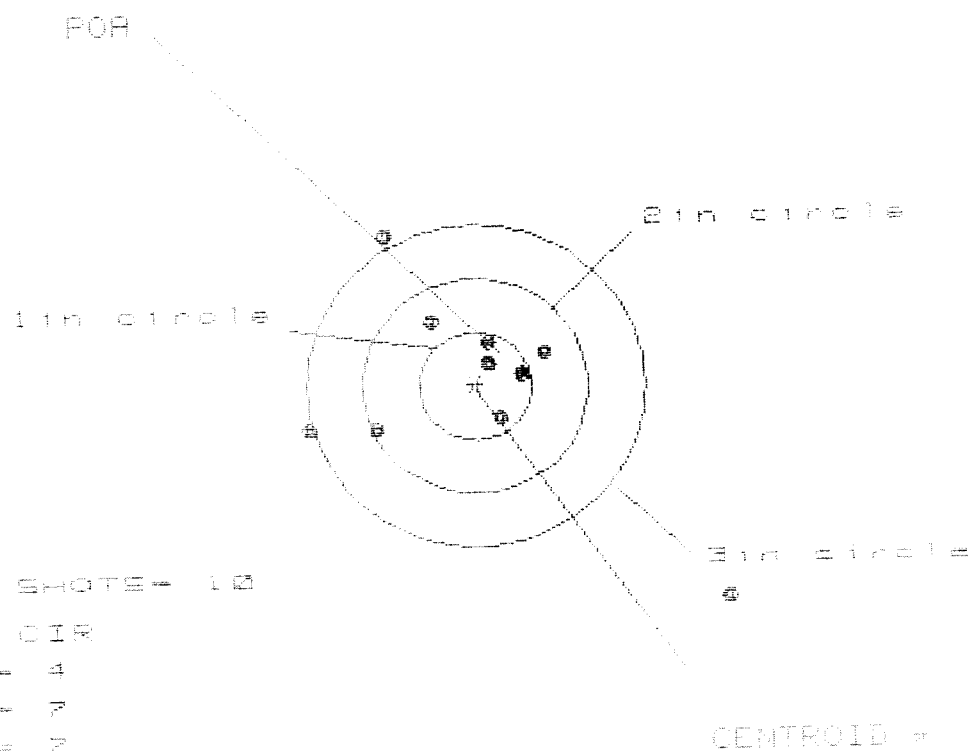
CENTROID

PATTERN #		5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.699	1.461	1.738
MINIMUM X	:	-2.142	-1.697	-1.515
MAXIMUM Y	:	1.139	1.069	1.958
MINIMUM Y	:	-1.010	-0.883	-1.932
CENTROID X	:	-0.044	0.194	0.012
CENTROID Y	:	-0.011	-0.138	-0.027
FOR TO CENTROID in.	:	0.045	0.238	0.030
1 in RADIUS	:	0.390	0.129	0.332
2 in RADIUS	:	0.975	0.803	0.666
3 in RADIUS	:	2.426	1.707	1.209
NOV. CENTRAL SPREAD	:	3.841	2.158	1.253
VEL. 1 in. SPREAD	:	2.149	1.952	1.950
3 in. SPREAD	:	4.401	2.520	2.138
NOV. ONE INCH CIRCLE	=		3	
NOV. TWO INCH CIRCLE	=		7	
NOV. THREE INCH CIRCLE	=		8	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06685345

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 7

MS = 3.712

VS = 3.480

ES = 4.575

PATTERN #

4

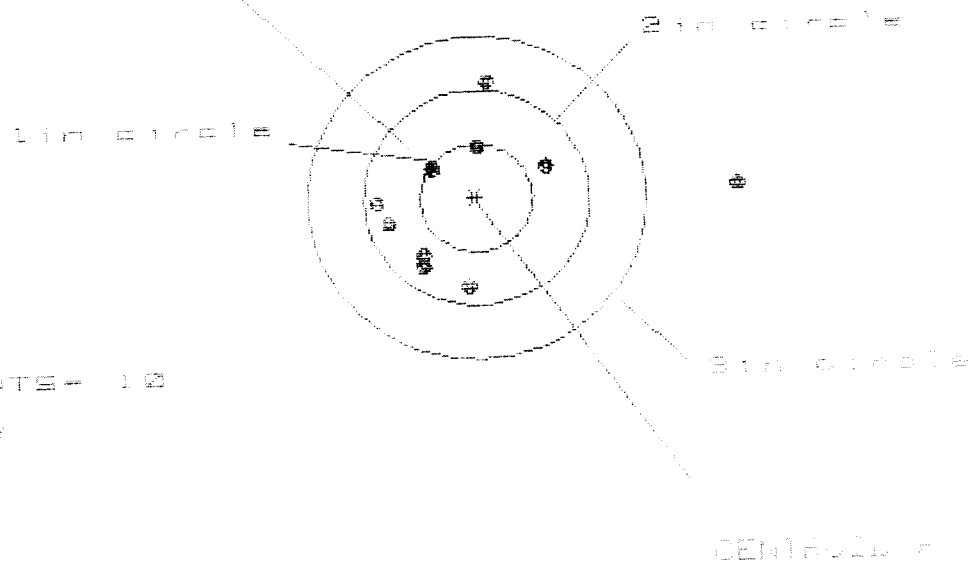
	10	9	8
SHOTS - BEST OF	10	9	8
MAXIMUM X	2.192	.864	.797
MINIMUM X	-1.520	-1.277	-1.344
MAXIMUM Y	1.456	1.231	.510
MINIMUM Y	-2.024	-.613	-.459
CENTROID X	-.416	-.659	-.592
CENTROID Y	-.107	.118	-.036
POA TO CENTROID in.	.429	.670	.593
MIN RADIUS	.266	.332	.320
MEAN RADIUS	1.012	.783	.700
MAX RADIUS	2.983	1.416	1.420
HORIZONTAL SPREAD	3.712	2.141	2.141
VERTICAL SPREAD	3.480	1.844	.969
SPREAD	4.575	2.255	2.255
POA TO ONE INCH CIRCLE =		4	
POA TO TWO INCH CIRCLE =		7	
POA TO THREE INCH CIRCLE =		7	

20 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08065945

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

MEAN = 2.816

SD = 1.939

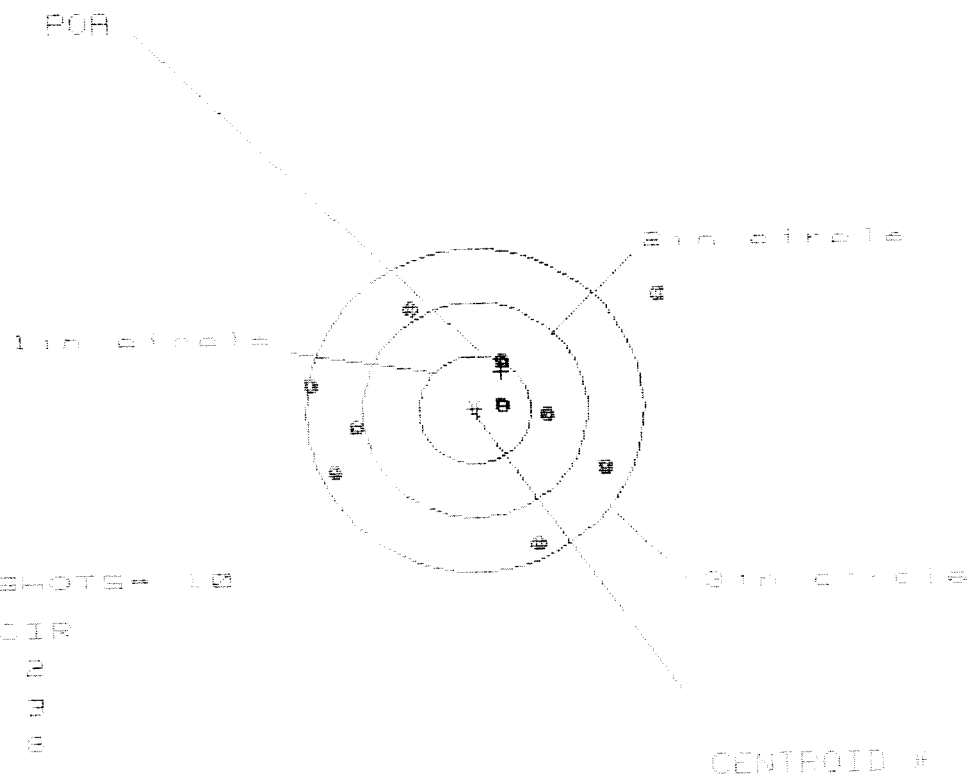
SS = 3.881

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.321	.907	.948
MINIMUM X	-.895	-.637	-.596
MAXIMUM Y	1.093	1.107	.846
MINIMUM Y	-.846	-.892	-.694
CENTROID X	.385	.127	.886
CENTROID Y	-.281	-.295	-.433
FOR TO CENTROID (X)	.477	.321	.442
FOR TO CENTROID (Y)	.463	.309	.430
FOR TO CENTROID (R)	.913	.694	.616
FOR TO CENTROID (A)	2.325	1.156	1.032
SPREAD	3.216	1.544	1.544
SPREAD	1.939	1.939	1.346
SPREAD	3.221	1.943	1.574
ONE INCH CIRCLE	=	2	
TWO INCH CIRCLE	=	8	
THREE INCH CIRCLE	=	9	

20 Nov 1951

FILE:/PATTERNING/CENTERFIRE_PATT/CBB85345

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 6

CS = 3.103

LS = 2.262

GS = 3.318

CENTROID #

PATTERN #		2		
SUM OF BEST OF	:	10	9	8
44.0000	:	1.599	1.288	1.123
45.0000	:	-1.584	-1.327	-1.285
46.0000	:	1.025	1.026	1.071
47.0000	:	-1.237	-1.123	-1.078
48.0000	:	-0.242	-0.419	-0.254
49.0000	:	-0.352	-0.465	-0.511
50.0000	:	0.427	0.637	0.671
51.0000	:	0.274	0.479	0.306
52.0000	:	1.110	1.039	0.971
53.0000	:	1.896	1.376	1.357
54.0000	:	3.103	2.615	2.408
55.0000	:	2.262	2.149	2.149
56.0000	:	3.318	2.735	2.440
57.0000	:			
58.0000	:			
59.0000	:			
60.0000	:			
61.0000	:			
62.0000	:			
63.0000	:			
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