

Speed

FORM

UPC



0 47700 25716 7

C6665864

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

M2400103500

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

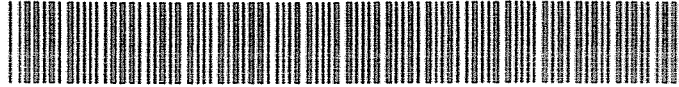
C6665864

ORDER NO.

5716

20

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



5716 C6665864

ORDER 5716

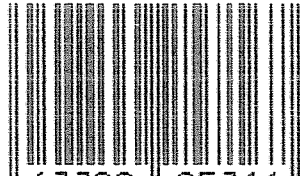
MODEL 700 TM M24

UPC

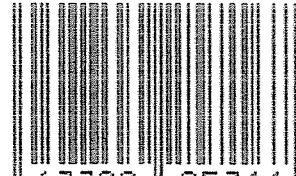
ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665864

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action		OCT 10 1991	KCR
	Magnaflux Bolt		OCT 10 1991	KCR
615	Rollmark Caliber		OCT 10 1991	CS
617	Drill and Tap Sight Holes		OCT 15 1991	LB
618	Polish Barrel		OCT 15 1991	WB
620	Apply Coatings (Barrel Action)		11/2/91	WB
	Apply Coating (Bolt)		11/2/91	WB
625	Final Assembly		12/2/91	KH
	A) Clean inside of Bolt Assembly		12/2/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/2/91	KH
	C) Inspect Ejector Hole for Chamfer		12/2/91	KH
	D) Oil Firing Pin Ass'y		12/2/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			12/3/91	WB
	G) Safety Off Force	2	2	2			12/3/91	WB
	H) Trigger Pull Test & Retainability						12/3/91	WB
	I) Firing Pin Indent	.020	.021	.0205			12/3/91	WB
	J) Assemble Stock						12/4/91	YH
	K) Assemble Swivel Studs						12-7-91	Ac
	L) Attach Front and Rear Sight Assemblies						12/4/91	YH
	M) Iron Sight Alignment						12/4/91	YH
	N) Detach Front & Rear Sights & place in numbered container						12/4/91	YH
	O) Attach Scope to Rifle						12/4/91	YH
	P) Detach & Attach Scope 20 Times						12/4/91	YH
640	Gallery Target & Test						12-5-91	DH
	A) Time						12-5-91	DH
	B) Malfunctions						12-5-91	DH
	C) Pierced Primers						12-5-91	DH
	D) Optical Clarity of Scope						12-5-91	DH
645	Inspect for Live Ammo						12-5-91	DH
655	Final Inspection							
	A) Headspace						12-7-91	Ac
	B) Trigger Pull	265	247	262	270	270	12-7-91	DH
	C) Function						12-7-91	Ac
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 6665864

DATE 12/3/81

TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.37	2.54	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.47	2.44	2.47	
PULL #3	2.43	2.33	2.27	2.42	
PULL #4	2.43	2.31	2.56	2.70	
PULL #5	2.23	2.20	2.25	2.70	
TOTAL	12.06	11.68	12.06		
AVG.	2.41	2.33	2.41		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.93		
PULL #2	2.93	2.96		
PULL #3	3.12	2.81		
PULL #4	3.10	2.92		
PULL #5	3.10	2.89		
TOTAL	15.28	14.51		
AVG.	3.05	2.90		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.11		3.86
PULL #2	4.14	4.16		4.38
PULL #3	4.00	4.76		4.20
PULL #4	4.09	3.80		4.40
PULL #5	4.13	4.20		4.22
TOTAL	20.40	20.53		21.06
AVG.	4.08	4.11		4.21

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665864
5 Dec 1991

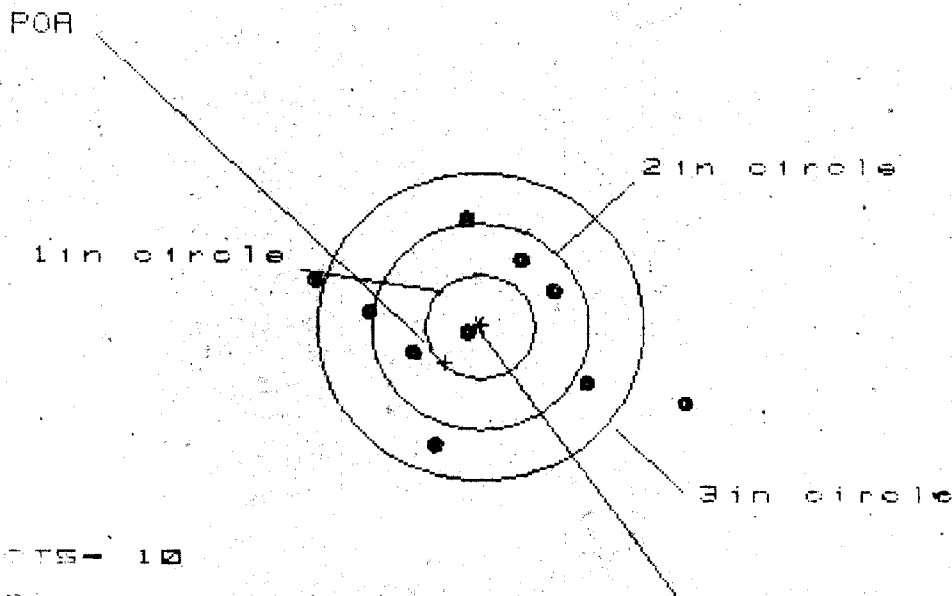
CENTROIDAL DISTANCES

0 TO	1	.472652
1 TO	2	.56056
1 TO	3	.760931
1 TO	4	.537619
1 TO	5	.690163

5¹₃₄ <----POA

CENTROIDAL DISTANCE FOR THIS RIFLE IS: .0494
CENTROIDAL DISTANCE FOR THIS RIFLE IS: .0424
CENTROIDAL DISTANCE FOR THIS RIFLE IS: .0651009

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

CIR

1
4
3
1000
1000
1000

CENTROID *

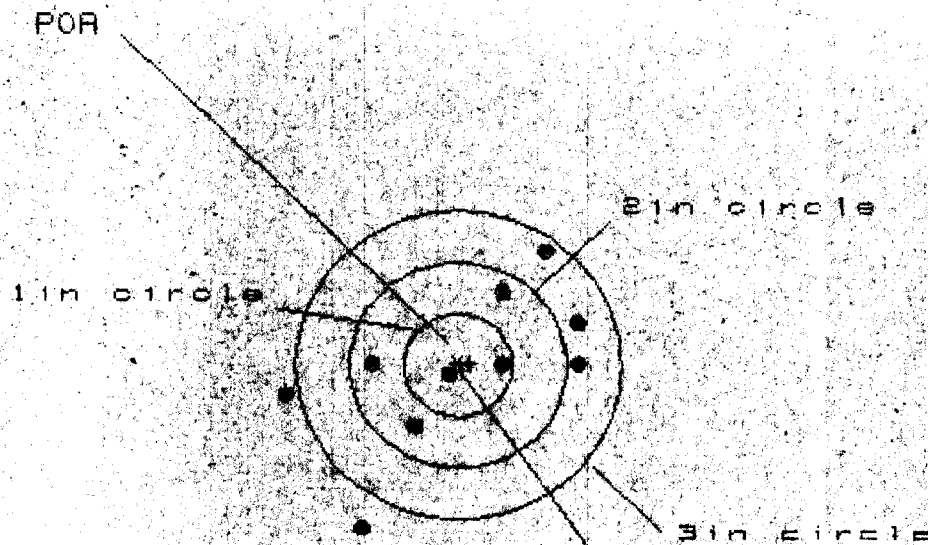
10	9	8
1.845	1.146	.988
1.535	-1.338	-.998
1.842	.954	.995
1.155	-1.243	-1.202
.222	.117	.283
.246	.434	.393
.472	.449	.484
.123	.121	.097
.077	.907	.840
	1.370	1.253
	2.476	1.970
	2.197	2.197
	2.655	2.212
	1	
	4	
	8	

15 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665864

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 3

HE- 2.765

VS- 2.737

GS- 3.245

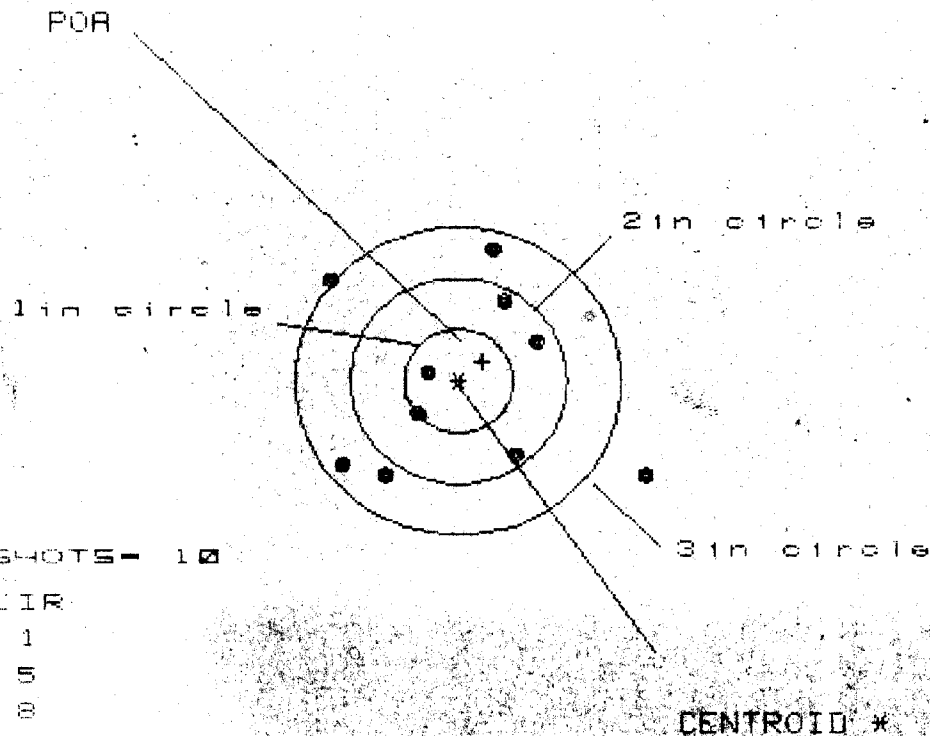
PATTERN #				
SHOTS (BEST OF)	:	10		
MAXIMUM X	:	1.124	1.837	1.901
MINIMUM X	:	-1.641	-1.746	-1.879
MAXIMUM Y	:	1.156	.891	.826
MINIMUM Y	:	-1.581	-1.776	-1.823
CENTROID X	:	-.106	-.081	.279
CENTROID Y	:	-.016	.159	.212
POA TO CENTROID IN.	:	.107	.156	.289
MIN RADIUS	:	.077	.279	.199
MEAN RADIUS	:	.998	.806	.652
MAX RADIUS	:	1.839	1.796	1.897
HORIZONTAL SPREAD	:	2.765	2.765	1.877
VERTICAL SPREAD	:	2.737	1.751	1.751
EXTREME SPREAD	:	3.245	2.852	2.129
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

07-1951

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CENTERFIRE PATTERNS

3



* OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in - 8

MEAN - 2.901

SEE - 2.235

SEE - 2.484

PATTERN #	:			
SHOTS - FIRST OF	:	10	9	8
MEAN X	:	1.708	.077	.752
MINIMUM	:	-1.193	-1.004	-1.060
MAXIMUM	:	1.325	1.224	1.339
MINIMUM	:	-.910	-.973	-.858
CENTROID X	:	-.224	-.413	-.288
CENTROID Y	:	-.184	-.083	-.198
POA TO CENTROID IN.	:	.290	.422	.349
POA TO MIN.	:	.290	.076	.240
MEAN RANGE	:	1.078	.956	.983
MEAN RANGE	:	1.935	1.360	1.391
MEAN RANGE	:	2.901	1.881	1.812
MEAN RANGE	:	2.235	2.197	2.197
CENTROID RANGE	:	3.484	2.594	2.594
NUMBER IN 1IN CIRCLE	=		1	
NUMBER IN 2IN CIRCLE	=		5	
NUMBER IN 3IN CIRCLE	=		8	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

SHOTS - 10

1in - 2

2in - 4

3in - 0

100 - 2.500

100 - 6.940

100 - 3.700

PATTERN #

SHOTS - YES? OF

10

9

8

MAXIMUM : 1.336

1.095

1.195

MINIMUM : -2.170

-1.212

-1.122

MAXIMUM : 1.391

1.439

1.250

MINIMUM : -1.557

-1.509

-.640

CENTROID : .117

.359

.268

CENTROID : -.151

-.199

-.011

POA : .191

.409

.268

MINIMUM : .384

.397

.505

MEAN : 1.160

1.017

.941

MAXIMUM : 2.212

1.672

1.340

HORIZONTAL : 2.500

2.307

2.307

VERTICAL : 2.940

2.948

1.891

EXTREME : 3.009

3.136

2.455

NUMBER OF SHOTS IN 1IN CIRCLE =

2

NUMBER OF SHOTS IN 2IN CIRCLE =

4

NUMBER OF SHOTS IN 3IN CIRCLE =

0

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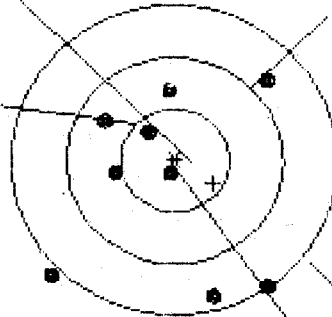
CENTERFIRE PATTERNS # 5

FOR

1st circle

2nd circle

3rd circle



CENTROID *

10

1st circle
2nd circle
3rd circle
4th circle
5th circle
6th circle
7th circle
8th circle
9th circle
10th circle

Circle #	10	9	8
1st circle	.844	.987	.771
2nd circle	-1.147	-1.084	-.706
3rd circle	1.772	.956	.843
4th circle	-1.280	-1.083	-1.196
5th circle	-.356	-.419	-.283
6th circle	.217	.020	.133
7th circle	.417	.419	.313
8th circle	.155	.080	.097
9th circle	.301	.881	.809
10th circle	.859	1.409	1.330
11th circle	.931	1.991	1.477
12th circle	2.057	2.039	2.039
13th circle	2.722	2.722	2.117
14th circle	2	2	2
15th circle	5	5	5
16th circle	9	9	9