

FORM

UPC



0 47700 25716 7

C6665711

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665711

ORDER NO.

5716

20

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



5716 C6665711

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665711

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10 1 91	RW
600	Proof		10 1 91	RW
607	Check Headspace		10 1 91	RW
610	Dis-assemble Gun		10 1 91	RW
612	Magnaflux Barrel Action		OCT 4 1991	KR
	Magnaflux Bolt		OCT 4 1991	KR
615	Rollmark Caliber		OCT 4 1991	GL
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	WLB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)		10-22-91	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-11-91	JH
	G) Safety Off Force	3	3	3			11-11-91	JH
	H) Trigger Pull Test & Retainability						11-7-91	JH
	I) Firing Pin Indent	.021	.021	.021			11-11-91	JH
	J) Assemble Stock						11/11/91	RW
	K) Assemble Swivel Studs						11-19-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/11/91	RW
	M) Iron Sight Alignment						11/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/11/91	RW
	O) Attach Scope to Rifle						11/11/91	RW
	P) Detach & Attach Scope 20 Times						11/11/91	RW
							11/14-91	AC
640	Gallery Target & Test						11-14-91	AC
	A) Time						11-14-91	AC
	B) Malfunctions						11-14-91	AC
	C) Pierced Primers						11-14-91	AC
	D) Optical Clarity of Scope						11-14-91	AC
645	Inspect for Live Ammo						11-14-91	AC
655	Final Inspection							
	A) Headspace						11-17-91	D/H
	B) Trigger Pull	2.66	2.66	2.47	2.54	2.62	11-14-91	D/H
	C) Function						11-17-91	D/H
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-6665711
DATE 11-7-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.51	2.54	266	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.56	2.55	266	
PULL #3	2.49	2.54	2.60	247	
PULL #4	2.53	2.48	2.46	254	
PULL #5	2.23	2.51	2.46	262	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.46		
PULL #2	3.56	3.48		
PULL #3	3.49	3.45		
PULL #4	3.52	3.42		
PULL #5	3.29	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.48		4.42
PULL #2	4.35	4.32		4.22
PULL #3	4.25	4.24		4.27
PULL #4	4.23	4.20		4.38
PULL #5	4.20	4.23		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665711
15 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.290663
1 TO 2	.272547
1 TO 3	.375755
1 TO 4	.102181
1 TO 5	.361068

22
11 <----POA

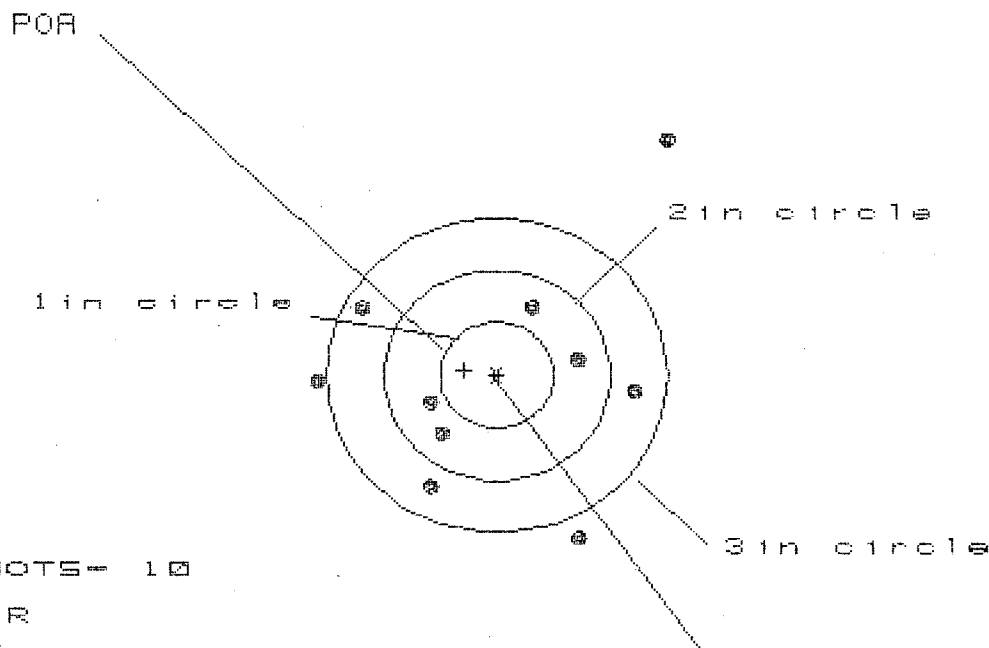
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1828
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223360
THE AMR FOR THIS RIFLE IS: 1.036

15 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C8665711

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 4

3 in = 7

HS= 3.099

VS= 3.837

GS= 3.921

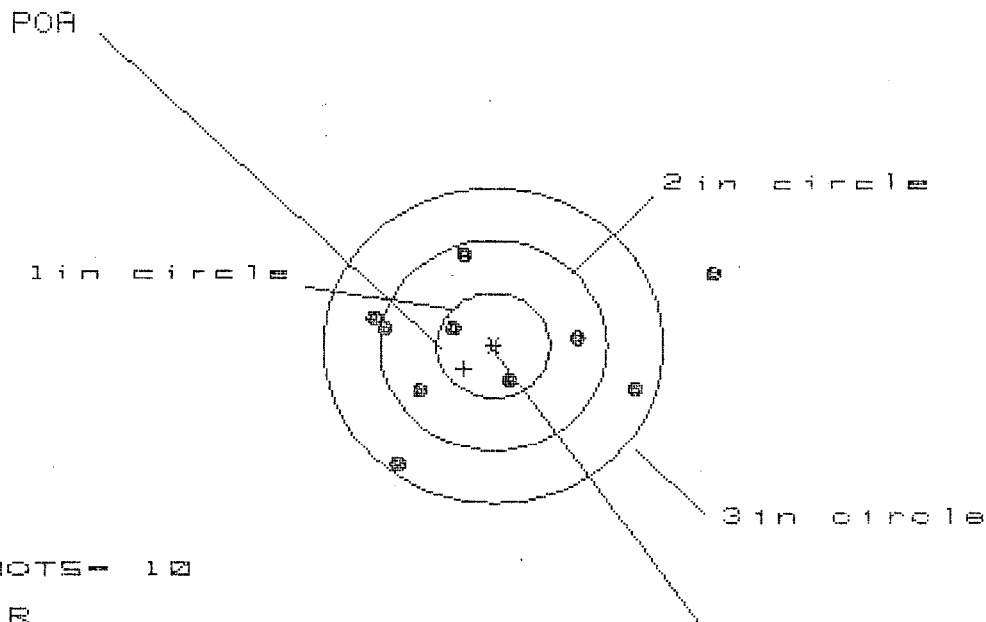
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.464	1.358	1.473
MINIMUM X	:	-1.635	-1.472	-1.357
MAXIMUM Y	:	2.277	.884	.721
MINIMUM Y	:	-1.560	-1.307	-.997
CENTROID X	:	.287	.124	.009
CENTROID Y	:	-.046	-.299	-.136
POA TO CENTROID in.	:	.290	.324	.136
MIN RADIUS	:	.629	.407	.341
MEAN RADIUS	:	1.266	1.060	.978
MAX RADIUS	:	2.707	1.600	1.477
HORIZONTAL SPREAD	:	3.099	2.830	2.830
VERTICAL SPREAD	:	3.837	2.191	1.718
EXTREME SPREAD	:	3.921	2.930	2.835
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

15 Nov 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 3.022

VS= 2.076

GS= 3.321

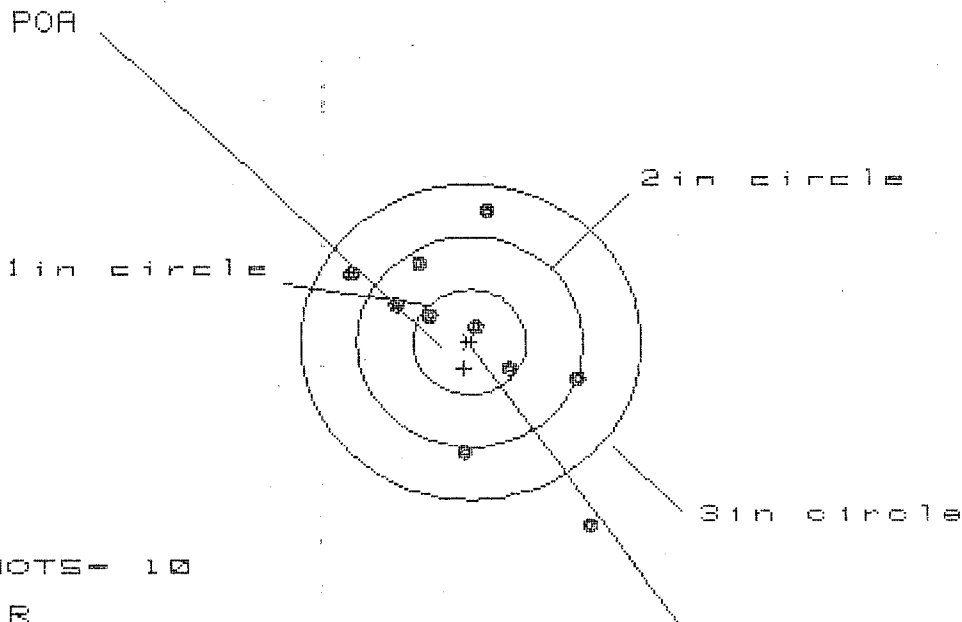
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.977	1.492	1.417
MINIMUM X	:	-1.045	-.825	-.900
MAXIMUM Y	:	.902	.972	.834
MINIMUM Y	:	-1.173	-1.104	-.510
CENTROID X	:	.258	.038	.113
CENTROID Y	:	.225	.155	.293
POA TO CENTROID in.	:	.342	.160	.314
MIN RADIUS	:	.306	.315	.246
MEAN RADIUS	:	1.009	.856	.798
MAX RADIUS	:	2.074	1.537	1.506
HORIZONTAL SPREAD	:	3.022	2.317	2.317
VERTICAL SPREAD	:	2.076	2.076	1.344
EXTREME SPREAD	:	3.321	2.430	2.430
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865711

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.063

VS= 2.974

GS= 3.141

CENTROID #

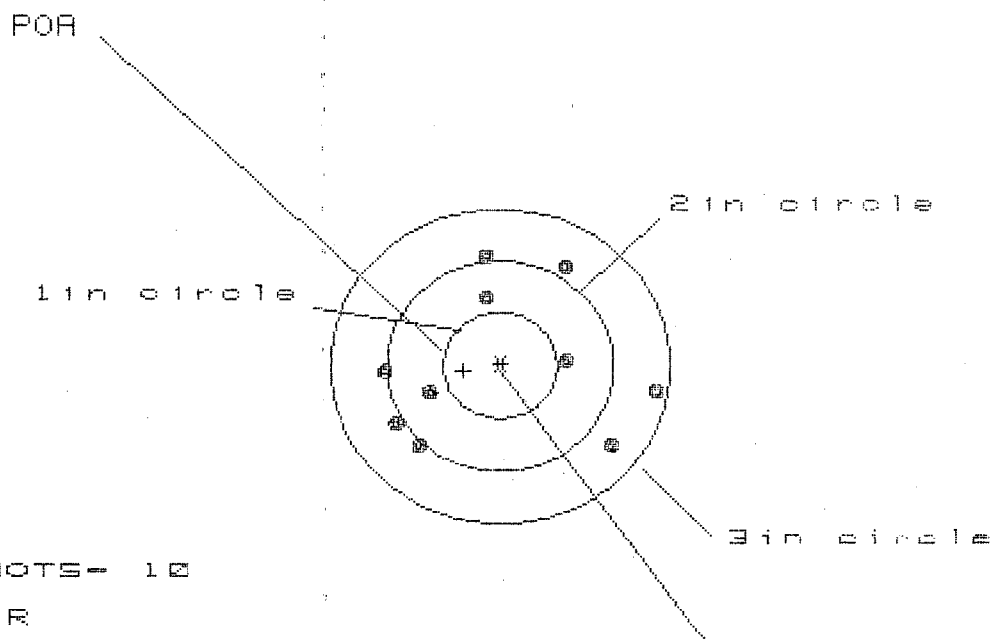
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	1.057	1.093
MINIMUM X	:	-1.021	-.905	-.868
MAXIMUM Y	:	1.269	1.080	.659
MINIMUM Y	:	-1.705	-1.231	-1.096
CENTROID X	:	.053	-.063	-.100
CENTROID Y	:	.248	.437	.302
POA TO CENTROID in.	:	.253	.442	.318
MIN RADIUS	:	.167	.119	.190
MEAN RADIUS	:	.917	.754	.713
MAX RADIUS	:	1.998	1.236	1.151
HORIZONTAL SPREAD	:	2.063	1.962	1.962
VERTICAL SPREAD	:	2.974	2.311	1.755
EXTREME SPREAD	:	3.141	2.318	2.188
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

15 Nov 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.480

VS= 1.800

GS= 2.487

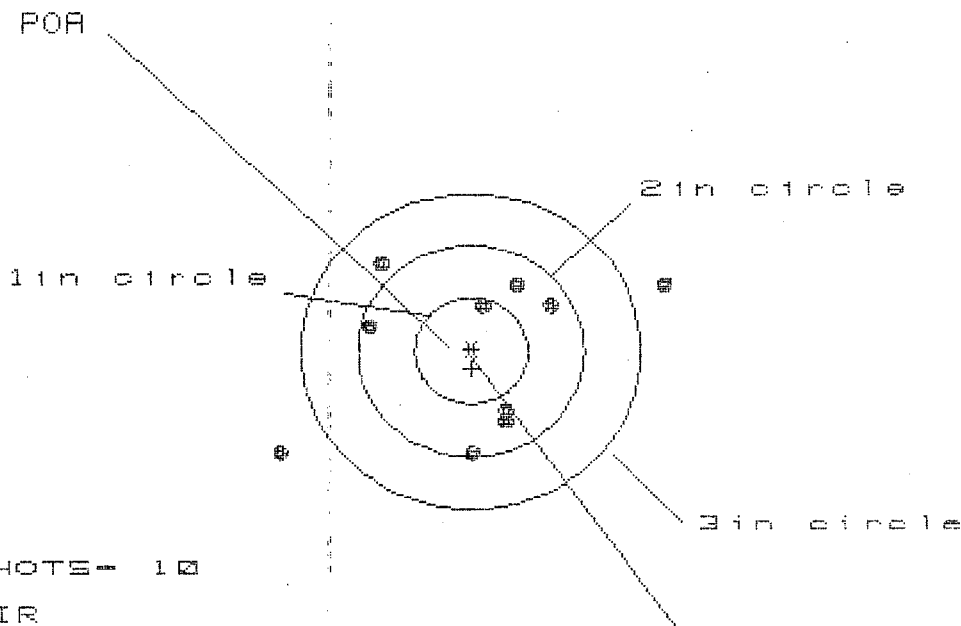
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.414	1.114	.850
MINIMUM X	:	-1.066	-.909	-.770
MAXIMUM Y	:	1.086	1.056	.962
MINIMUM Y	:	-.722	-.752	-.840
CENTROID X	:	.322	.165	.026
CENTROID Y	:	.050	.080	.174
POA TO CENTROID in.	:	.326	.183	.176
MIN RADIUS	:	.549	.552	.512
MEAN RADIUS	:	.973	.903	.829
MAX RADIUS	:	1.439	1.344	1.161
HORIZONTAL SPREAD	:	2.480	2.023	1.620
VERTICAL SPREAD	:	1.800	1.800	1.802
EXTREME SPREAD	:	2.487	2.128	2.048
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

15 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 3.452

VS= 1.757

GS= 3.788

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.717	1.524	.712
MINIMUM X	:	-1.736	-1.085	-.895
MAXIMUM Y	:	.812	.787	.771
MINIMUM Y	:	-.945	-1.028	-.964
CENTROID X	:	-.006	.187	-.003
CENTROID Y	:	.165	.270	.206
POA TO CENTROID in.	:	.165	.329	.206
MIN RADIUS	:	.396	.311	.355
MEAN RADIUS	:	1.014	.883	.791
MAX RADIUS	:	1.976	1.607	1.133
HORIZONTAL SPREAD	:	3.452	2.609	1.607
VERTICAL SPREAD	:	1.757	1.735	1.735
EXTREME SPREAD	:	3.788	2.634	1.931
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	8		