

FORM

UPC



0 47700 25716 7

C6665792

PRODUCT INFORMATION

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

INCLUDES 4 IN CHAMBER

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665792

ORDER NO.

5716

20

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



5716 C6665792

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 #

26665792

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	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		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/20/91	15
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KA
	C) Inspect Ejector Hole for Chamfer		12/3/91	KA
	D) Oil Firing Pin Ass'y		12/3/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		12-5-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12-5-91	SL
	G) Safety Off Force	3	3	3			12-5-91	SL
	H) Trigger Pull Test & Retainability						12-5-91	SL
	I) Firing Pin Indent	1020	1021	1021			12-5-91	SL
	J) Assemble Stock						12/5/91	SL
	K) Assemble Swivel Studs						12-9-91	AC
	L) Attach Front and Rear Sight Assemblies						12/5/91	SL
	M) Iron Sight Alignment						12/5/91	SL
	N) Detach Front & Rear Sights & place in numbered container						12/5/91	SL
640	O) Attach Scope to Rifle						12/5/91	SL
	P) Detach & Attach Scope 20 Times						12/5/91	SL
	Gallery Target & Test						12-5-91	SL
	A) Time						"	SL
	B) Malfunctions						"	SL
	C) Pierced Primers						"	SL
	D) Optical Clarity of Scope						"	SL
	Inspect for Live Ammo						12-5-91	SL
	Final Inspection						12-9-91	AC
655	A) Headspace						12-9-91	AC
	B) Trigger Pull	237	259	249	260	248	12-7-91	DIT
660	C) Function						12-9-91	AC
660	Pack						12-9-91	SL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06665792DATE 12-5-97TESTER 84

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS (1)
PULL #1	2.53	2.47	2.44	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.41	2.46	2.59	
PULL #3	2.61	2.32	2.33	2.49	
PULL #4	2.48	2.30	2.41	2.60	
PULL #5	2.36	2.31	2.40	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.20		
PULL #2	3.30	3.41		
PULL #3	3.24	3.41		
PULL #4	3.27	3.39		
PULL #5	3.22	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.26		4.31
PULL #2	4.26	4.31		4.31
PULL #3	4.30	4.31		4.31
PULL #4	4.34	4.27		4.30
PULL #5	4.19	4.28		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665792
6 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.289458
1 TO 2	.455927
1 TO 3	.249435
1 TO 4	.348679
1 TO 5	.503627

avg

-----POI

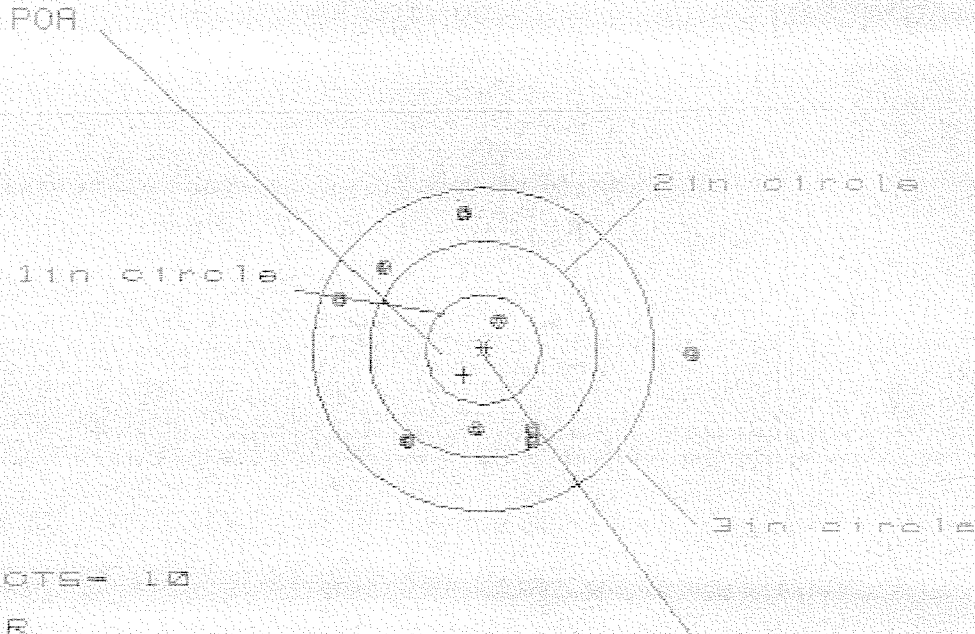
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0228
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0316
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0389667

IF THIS RIFLE IS: 1.134

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665792

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.164

VS= 2.157

GS= 3.215

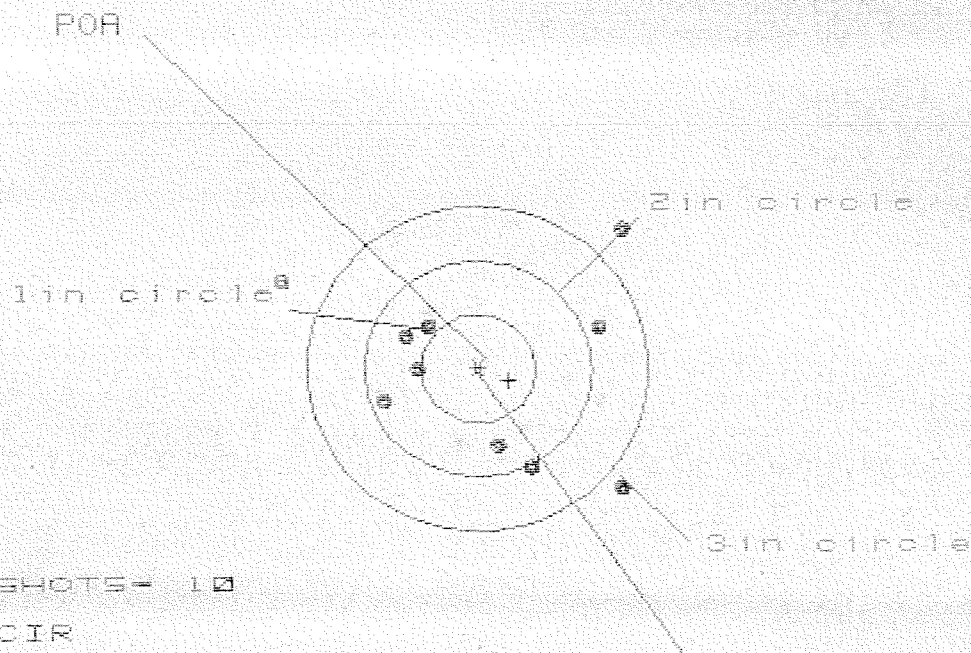
CENTROID +

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.862	.668	.531
MINIMUM X	:	-1.302	-1.095	-.811
MAXIMUM Y	:	1.287	1.279	1.340
MINIMUM Y	:	-.870	-.878	-.817
CENTROID X	:	.169	-.038	.099
CENTROID Y	:	.235	.243	.182
LOS TO CENTROID in.	:	.289	.246	.207
MIN RADIUS	:	.277	.396	.355
MEAN RADIUS	:	.992	.901	.837
MAX RADIUS	:	1.863	1.279	1.347
MIN CENTRAL SPREAD	:	3.164	1.763	1.342
MEAN CENTRAL SPREAD	:	2.157	2.157	2.157
MAX CENTRAL SPREAD	:	3.215	2.257	2.257
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665792

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.910

VS= 2.397

GS= 3.468

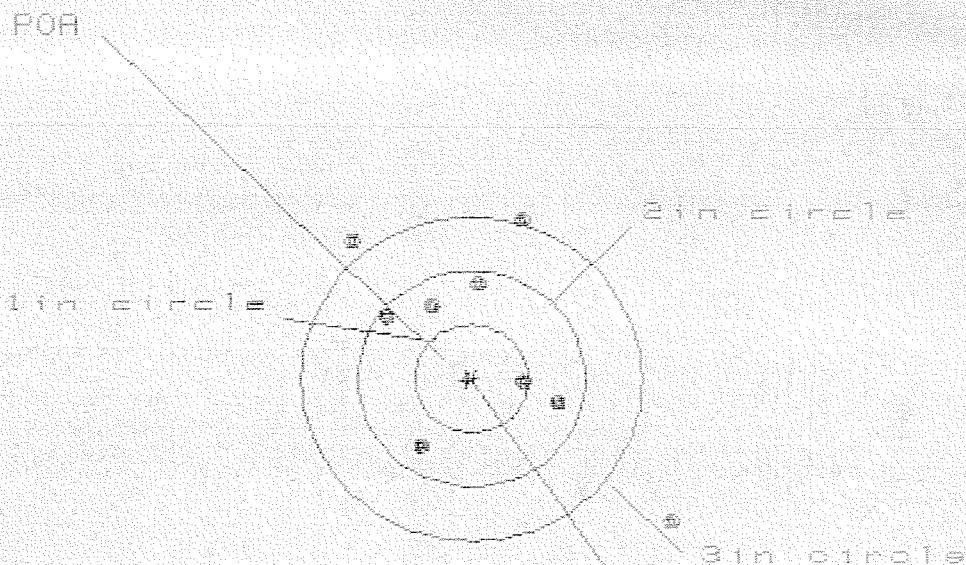
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.226	1.038	1.168
MINIMUM X	:	-1.684	-1.002	-.872
MAXIMUM Y	:	1.288	1.375	.652
MINIMUM Y	:	-1.109	-1.022	-.851
CENTROID X	:	-.268	-.080	-.210
CENTROID Y	:	.105	.018	-.153
POR TO CENTROID in.	:	.287	.082	.260
MIN RADIUS	:	.487	.578	.421
MEAN RADIUS	:	1.076	1.002	.872
MAX RADIUS	:	1.855	1.720	1.445
HORIZONTAL SPREAD	:	2.910	2.040	2.040
VERTICAL SPREAD	:	2.397	2.397	1.503
EXTREME SPREAD	:	3.468	2.612	2.318
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665792

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 3.831

VS= 4.031

GS= 4.225

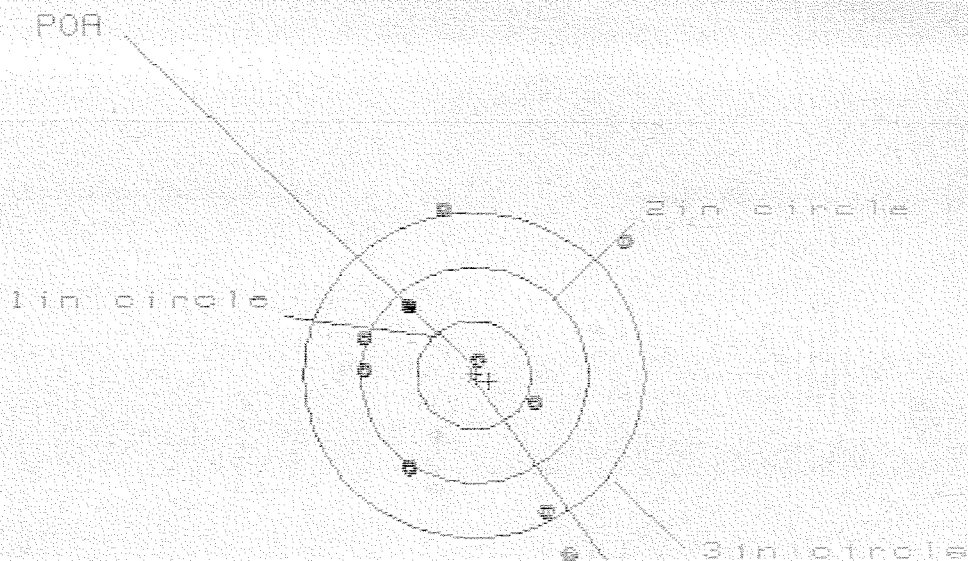
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.746	1.653	.899
MINIMUM X	-1.075	-1.168	-.961
MAXIMUM Y	1.433	1.145	.939
MINIMUM Y	-2.598	-1.645	-1.095
CENTROID X	.046	.139	-.068
CENTROID Y	.018	.307	.513
POR TO CENTROID in.	.050	.337	.517
MIN RADIUS	.459	.470	.281
MEAN RADIUS	1.269	1.054	.842
MAX RADIUS	2.728	2.332	1.212
HORIZONTAL SPREAD	2.821	2.821	1.860
VERTICAL SPREAD	4.031	2.790	2.034
EXTREME SPREAD	4.225	3.829	2.366
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 7		

6 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6665782

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 2.339

VS= 3.157

GS= 3.326

CENTROID #

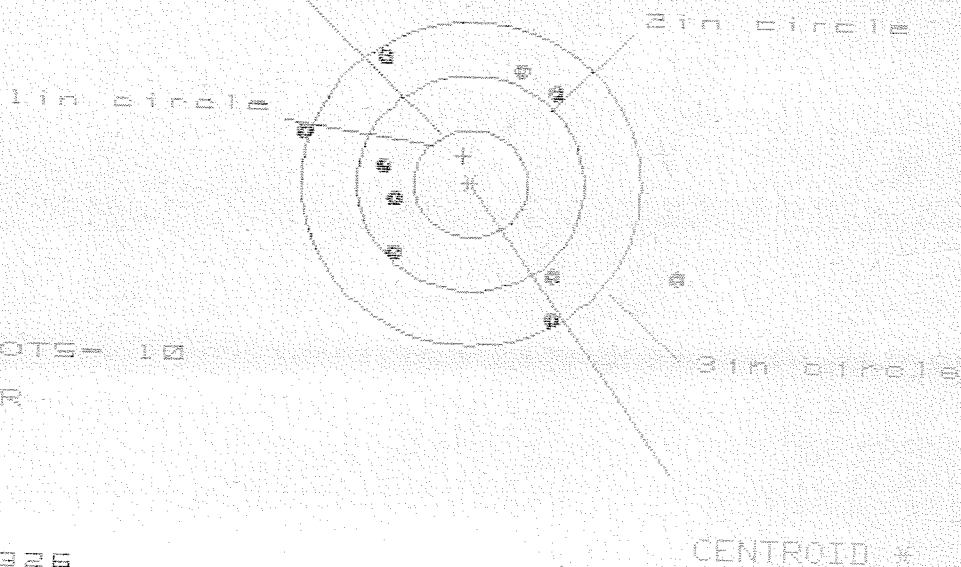
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	.975	.905
MINIMUM X	:	-.992	-.842	-.721
MAXIMUM Y	:	1.544	1.681	1.496
MINIMUM Y	:	-1.613	-1.476	-1.297
CENTROID X	:	-.132	-.282	-.403
CENTROID Y	:	.059	-.078	.107
POA TO CENTROID in.	:	.145	.292	.417
MIN RADIUS	:	.184	.369	.340
MEAN RADIUS	:	1.128	1.045	.920
MAX RADIUS	:	1.823	1.769	1.582
HORIZONTAL SPREAD	:	2.339	1.817	1.626
VERTICAL SPREAD	:	3.157	3.157	2.793
EXTREME SPREAD	:	3.326	3.326	2.921
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685792

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 3.326

VS= 2.320

GS= 3.560

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.818	.899	.736
MINIMUM X	:	-1.588	-1.306	-.750
MAXIMUM Y	:	1.126	1.034	1.079
MINIMUM Y	:	-1.194	-1.286	-1.242
CENTROID X	:	.071	-.131	.033
CENTROID Y	:	-.259	-.167	-.211
FOR TO CENTROID in.	:	.269	.212	.214
MIN RADIUS	:	.679	.515	.652
MEAN RADIUS	:	1.207	1.080	1.058
MAX RADIUS	:	1.996	1.562	1.437
HORIZONTAL SPREAD	:	3.326	2.205	1.486
VERTICAL SPREAD	:	2.320	2.320	2.320
EXTREME SPREAD	:	3.560	2.749	2.749
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	