

FOEN

UPC



0 47700 25716 7

6665915

*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 700™ M24

SERIAL NO.
C6665915

ORDER NO.
5716

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

20



5716 C6665915

ORDER 5716
MODEL 700™ M24
UPC

ORDER 5716
MODEL 700™ M24
UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665915

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KH
600	Proof		9/27/91	KH
607	Check Headspace		9/27/91	KH
610	Dis-assemble Gun		9/27/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	KCR
	Magnaflux Bolt	OCT	4 1991	KCR
615	Rollmark Caliber	OCT	4 1991	GS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	DA
	Apply Coating (Bolt)		10	DA
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KH
	C) Inspect Ejector Hole for Chamfer		11/4/91	KH
	D) Oil Firing Pin Ass'y		11/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/91	JH

op. #	BARBER M24 0103971	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/5/91	JK
	G) Safety Off Force	3	3	3			11/5/91	JK
	H) Trigger Pull Test & Retainability						11/5/91	JK
	I) Firing Pin Indent	.0215	.0215	.0215			11/5/91	JK
	J) Assemble Stock						11/6/91	JK
	K) Assemble Swivel Studs						11-13-91	JK
	L) Attach Front and Rear Sight Assemblies						11/6/91	JK
	M) Iron Sight Alignment						11/6/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	JK
	O) Attach Scope to Rifle						11/6/91	JK
	P) Detach & Attach Scope 20 Times						11/6/91	JK
640	Gallery Target & Test						11-7-91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						11-7-91	JK
655	Final Inspection							
	A) Headspace						11-13-91	JK
	B) Trigger Pull	2.78	2.73	2.76	2.68	2.65	11-12-91	JK
	C) Function						11-13-91	JK
660	Pack						12-19-91	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6665915

DATE 11-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.20	2.29	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.54	2.50	2.73	
PULL #3	2.55	2.25	2.58	2.76	
PULL #4	2.54	2.56	2.53	2.68	
PULL #5	2.48	2.56	2.55	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.60		
PULL #2	3.64	3.53		
PULL #3	3.52	3.52		
PULL #4	3.34	3.31		
PULL #5	3.50	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	4.21	4.42		4.25
PULL #2	4.20	4.18		4.41
PULL #3	4.42	4.38		4.20
PULL #4	4.42	4.30		4.38
PULL #5	4.38	4.35		4.40
TOTAL				
AVG.				

ORIGINAL DISTANCE CALCULATIONS

FILE # 06665915

1991

ORIGINAL DISTANCES

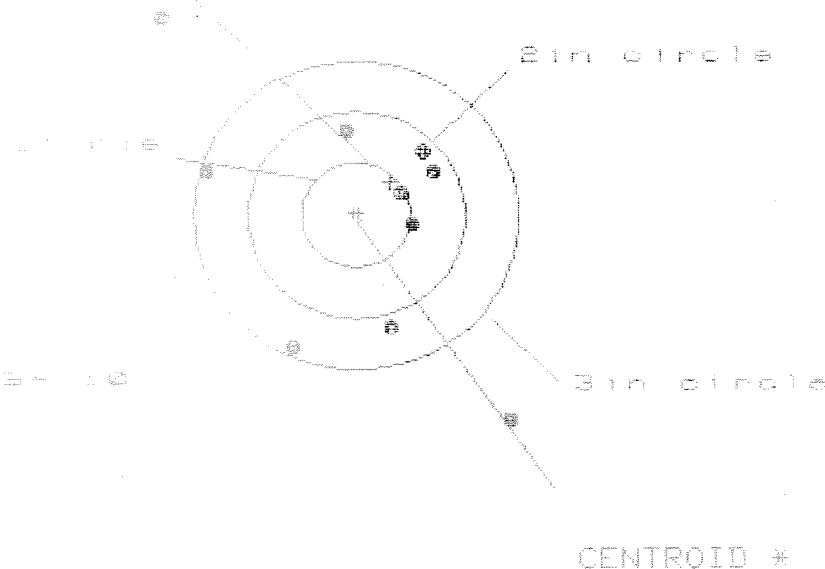
1	.443402
2	.43544
3	.405074
4	.698412
5	.681065

(----POR

10: -.036
11: .0104
12: .0374721

FILE: PATTERNING/CENTERFIRE_PATT/C8665915

CENTERFIRE PATTERNS # 1



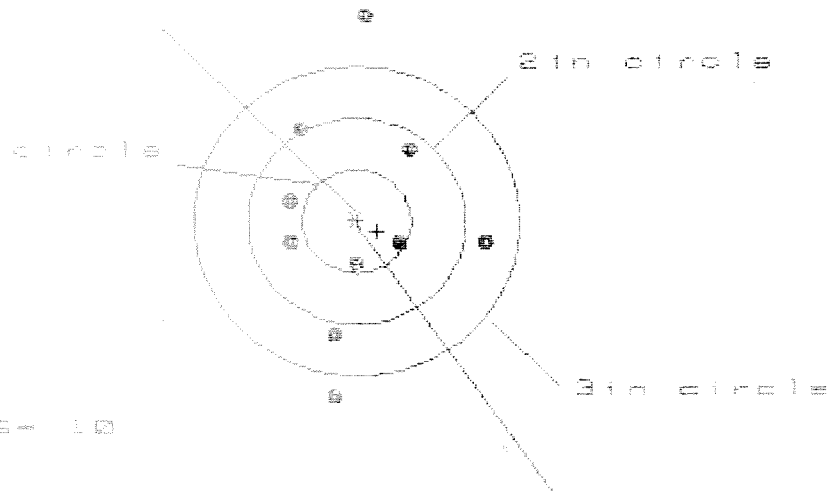
10	9	8
1.395	1.194	.612
-1.811	-1.603	-1.454
1.000	1.004	.787
1.700	1.700	-1.241
1.100	1.100	-.257
1.531	1.531	-.314
1.842	1.842	.406
1.395	1.395	.409
1.076	1.076	.922
1.107	1.107	1.503
1.797	1.797	2.066
1.740	1.740	2.028
1.844	1.844	2.310

DAY 198

FILE:/PATTERNING/CENTERFIRE_PATT/05665315

CENTERFIRE PATTERNS # 2

FOR



* OF SHOTS- 10

* IN CIR

1 - 1

2 - 1

3 - 1

10 - 1.000

VER - 1.844

HOR - 1.855

CENTROID *

PHOTOGRAPH

2

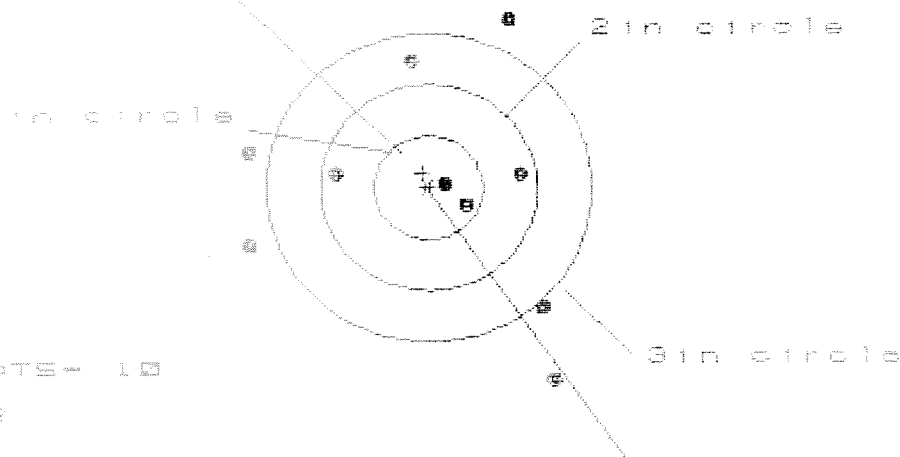
SHOT	10	9	8
MM/INCH	1.159	1.173	1.148
MM/INCH	-1.661	-1.647	-1.672
MM/INCH	1.987	1.091	.911
MM/INCH	-1.697	-1.436	-1.030
MM/INCH	1.187	-1.201	-1.175
MM/INCH	1.100	-1.121	.059
MM/INCH	.810	.234	.186
MM/INCH	1.364	.163	.344
MM/INCH	.834	.852	.780
MM/INCH	1.091	1.449	1.163
MM/INCH	1.620	1.820	1.820
VER	2.844	2.527	1.941
HOR	2.855	2.541	1.965
VER	2	2	2
HOR	6	6	6
VER	8	8	8

MAY 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685915

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR

1 IN = 2

2 IN = 4

3 IN = 5

MEAN = 0.000

VS = 0.000

GS = 0.000

CENTROID #

PATTERN #

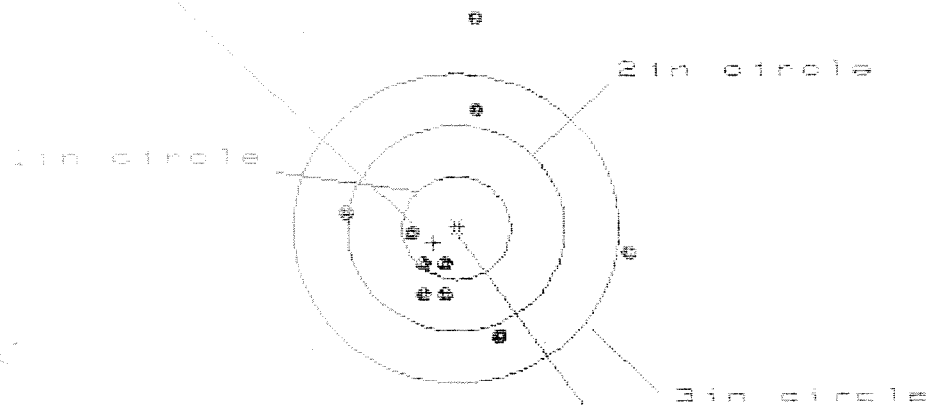
	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.148	1.217	1.328
MINIMUM X	-1.690	-1.563	-1.452
MAXIMUM Y	1.681	1.479	1.248
MINIMUM Y	-1.821	-1.318	-1.133
CENTROID X	.055	-.072	-.183
CENTROID Y	-.133	.065	-.120
FOR TO 1 IN CIRCLE	.143	.097	.219
MIN TO 1 IN CIRCLE	.200	.351	.434
MEAN X	1.269	1.177	1.107
MEAN Y	2.152	1.754	1.746
HORIZONTAL SPREAD	2.838	2.780	2.780
VERTICAL SPREAD	2.502	2.797	2.381
EXTREME SPREAD	3.591	3.261	3.157
NUMBER OF 1 IN CIRCLE	=	2	
NUMBER OF 2 IN CIRCLE	=	4	
NUMBER OF 3 IN CIRCLE	=	5	

7 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/03665915

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS- 18

IN CIR

1 0

2 1

3 0

CENTROID *

JP= 0.0000

VP= 0.1200

QR= 0.137

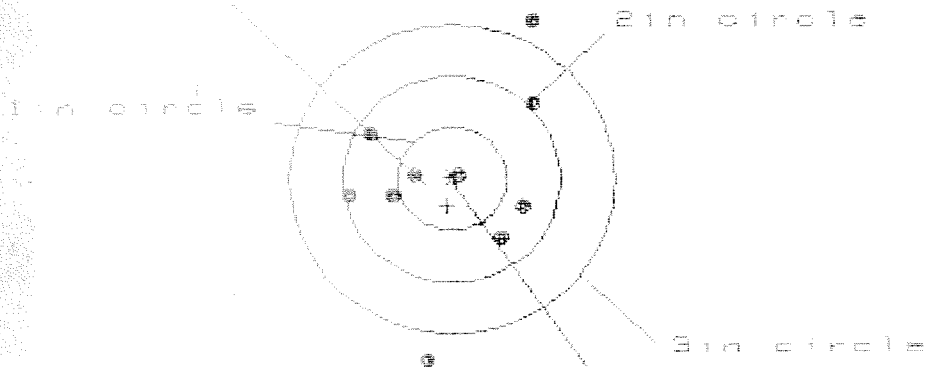
PATTERN #

	10	9	8
SHOTS (BEST OF)			
MAXIMUM X	1.596	1.617	.647
MINIMUM X	-1.002	-1.011	-.809
MAXIMUM Y	2.079	1.361	1.354
MINIMUM Y	-1.859	-.828	-.835
CENTROID X	.215	.192	-.010
CENTROID Y	.140	.064	-.077
FOR HORIZONTAL SPREAD	.280	.210	.078
MIN SPREAD	.099	.174	.124
PERCENTILE	.970	.770	.608
MAX SPREAD	2.079	1.618	1.406
HORIZONTAL SPREAD	2.628	2.628	1.456
VERTICAL SPREAD	2.128	2.189	2.189
EXTREME SPREAD	3.137	2.670	2.285
NUMBER OF ONE INCH CIRCLE	=	3	
NUMBER OF TWO INCH CIRCLE	=	5	
NUMBER OF THREE INCH CIRCLE	=	8	

FILE:/PATTERNING/CENTERFIRE_PATT/C8865915

CENTERFIRE PATTERNS # 5

PUH



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 1.690

VS= 3.382

GS= 3.524

CENTROID #

PATTERN #.

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.797	.774	.868
MINIMUM X	-.901	-.924	-.830
MAXIMUM Y	1.585	1.385	.744
MINIMUM Y	-1.798	-.736	-.563
CENTROID X	.048	.071	-.023
CENTROID Y	.262	.461	.288
POB TO CENTROID (in)	.265	.467	.289
MIN RADIALS	.095	.147	.150
MEAN RADIAL	.882	.799	.659
MR. RADIAL	1.813	1.579	1.144
HORIZONTAL SPREAD	1.598	1.638	1.698
VERTICAL SPREAD	3.382	2.121	1.807
EXTREME SPREAD	3.524	2.447	1.952
NUMBER IN ONE INCH CIRCLE	2	2	2
NUMBER IN TWO INCH CIRCLE	7	7	7
NUMBER IN THREE INCH CIRCLE	8	8	8