

BARBER - M24 0104122

FORN

UPC



06665929

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

BARBER - M24 0104123

MODEL 700 TM M24

ORDER NO. 5715

BARBER - M24 0104124

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665929

ORDER NO.

5716

20

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



5716 C6665929

ORDER 5716

MODEL 700TM M24

UPC

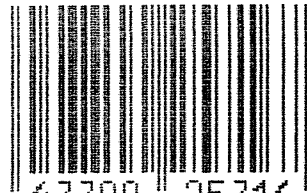
ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665929

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KL
600	Proof		9/24/91	KL
607	Check Headspace		9/24/91	KL
610	Dis-assemble Gun		9/24/91	KL
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/91	JA

BARBER - M24 0104126

OP. NAME

READINGS

DATE

INIT

op. #

 625
cont.

F) Safety On Force

6 | 5 | 5

10-10-91

AC

G) Safety Off Force

4 | 4 | 4

10-10-91

AC

 H) Trigger Pull Test &
Retainability

10/10/91

AC

I) Firing Pin Indent

.022 | .021 | .021

10-10-91

AC

J) Assemble Stock

10/10/91

RW

K) Assemble Swivel Studs

10/14/91

RW

 L) Attach Front and Rear
Sight Assemblies

10/10/91

RW

M) Iron Sight Alignment

10/10/91

RW

 N) Detach Front & Rear
Sights & place in
numbered container

10/10/91

RW

O) Attach Scope to Rifle

10/10/91

RW

 P) Detach & Attach Scope
20 Times

10/10/91

RW

640

Gallery Target & Test

10-10-91

AC

A) Time

"

AC

B) Malfunctions

"

AC

C) Pierced Primers

"

AC

D) Optical Clarity of Scope

"

AC

645

Inspect for Live Ammo

10-10-91

AC

655

 Final Inspection
A) Headspace

10/14/91

AC

B) Trigger Pull

2.70 | 2.72 | 2.75 | 2.71 | 2.75

10/14/91

AC

C) Function

10/14/91

AC

660

Pack

12/17/91

AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665929

DATE 10-10-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.49	2.55	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.60	2.50	2.77	
PULL #3	2.44	2.48	2.53	2.75	
PULL #4	2.35	2.51	2.65	2.71	
PULL #5	2.54	2.52	2.50	2.75	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.47		
PULL #2	3.23	3.46		
PULL #3	3.43	3.39		
PULL #4	3.45	3.49		
PULL #5	3.38	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.35		4.29
PULL #2	4.44	4.38		4.31
PULL #3	4.29	4.23		4.33
PULL #4	4.38	4.23		4.30
PULL #5	4.35	4.33		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665929
10 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0957706
1 TO	2	.501862
1 TO	3	.127534
1 TO	4	.284015
1 TO	5	.330643

4
3
2

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1150
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1040
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .155899
THE AMP FOR THIS RIFLE IS: .9814

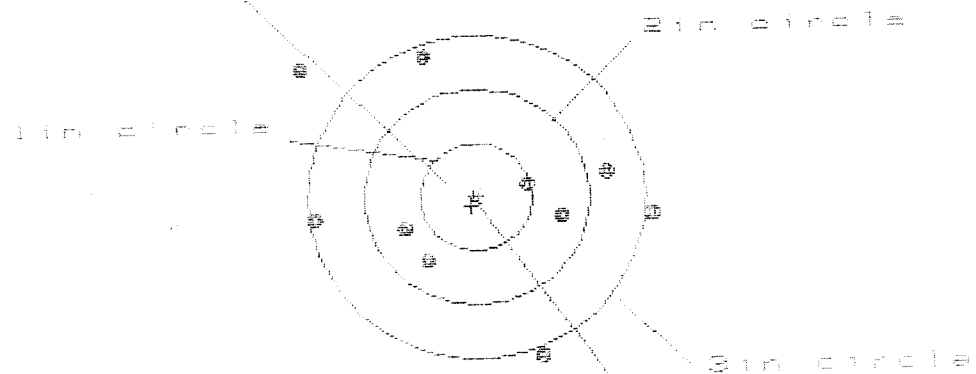
18 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8885929

CENTERFIRE PATTERNS

1

POA



4 OF SHOTS = 10

4 in circle

1 in circle

2 in circle

3 in circle

10 2.128

10 2.818

10 2.444

CENTROID +

GROUP

4

10

9

8

GROUP	10	9	8
10 1.575	1.493	1.135	
10 -1.553	-1.603	-1.418	
10 1.349	1.490	1.488	
10 -1.478	-1.329	-1.331	
10 .046	.218	.043	
10 .084	-.057	-.055	
10 .095	.226	.070	
10 .451	.371	.508	
10 1.137	1.065	1.024	
10 2.002	1.606	1.543	
10 3.123	3.006	2.964	
10 2.613	2.819	2.619	
10 3.444	3.087	2.975	
10 1.000	1		
10 1.000	4		
10 1.000	7		

18 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06885923

CENTERFIRE PATTERNS

2

FOR

1 in circle

2 in circle

3 in circle

CENTROID #

* OF SHOTS= 12

IN CIR

1 in = 2

2 in = 8

3 in = 10

SE 2.161

SW 1.778

NE 2.211

TEST #

2

TEST OF:	10	9	8
1. X-MEAN	.968	.835	.771
2. Y-MEAN	-1.194	-.565	-.629
3. X-SD	.781	.752	.623
4. Y-SD	-.998	-1.027	-.543
5. X-MEAN	.202	.334	.398
6. Y-MEAN	-.393	-.364	-.235
7. X-SD	.441	.494	.452
8. Y-SD	.447	.581	.369
9. X-MEAN	.739	.674	.597
10. Y-MEAN	1.221	1.146	.773
11. X-SPEAD	2.161	1.408	1.400
12. Y-SPEAD	1.778	1.779	1.165
13. X-SPEPI	2.211	1.834	1.402
14. ONE INCH CIRCLE	=	2	
15. TWO INCH CIRCLE	=	8	
16. THREE INCH CIRCLE	=	10	

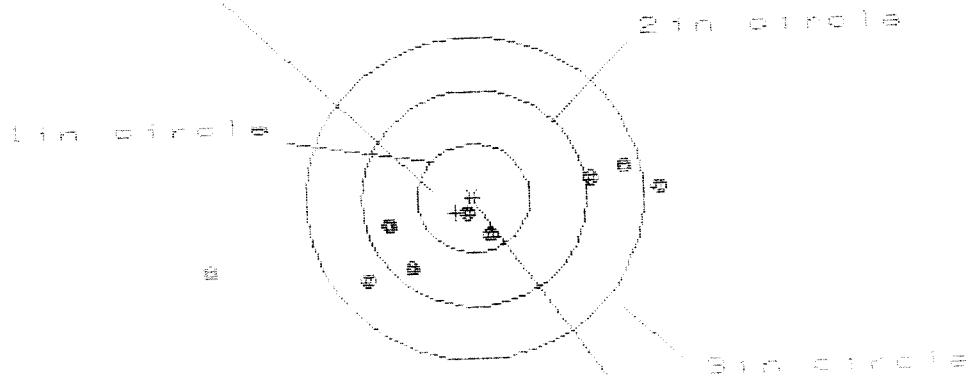
18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/09865989

CENTERFIRE PATTERNS

3

FOR



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

CG = 3.951

CG = 2.885

CG = 4.019

CENTROID #

CENTER #

3

	10	9	8
SELECT OF :			
NO. OF SHOTS :	1.636	1.379	1.412
SPREAD :	-2.315	-1.223	-1.190
SPREAD :	2.163	2.087	.475
SPREAD :	-1.722	-1.798	-1.537
SPREAD :	.163	.419	.388
SPREAD :	.137	.213	-1.048
SPREAD :	.212	.470	.389
SPREAD :	.145	.464	.151
SPREAD :	1.210	1.093	.608
SPREAD :	2.414	2.104	1.428
SPREAD :	3.951	2.682	2.582
SPREAD :	2.885	2.885	1.012
SPREAD :	4.019	3.247	2.788
ONE INCH CIRCLE =		2	
TWO INCH CIRCLE =		4	
THREE INCH CIRCLE =		7	

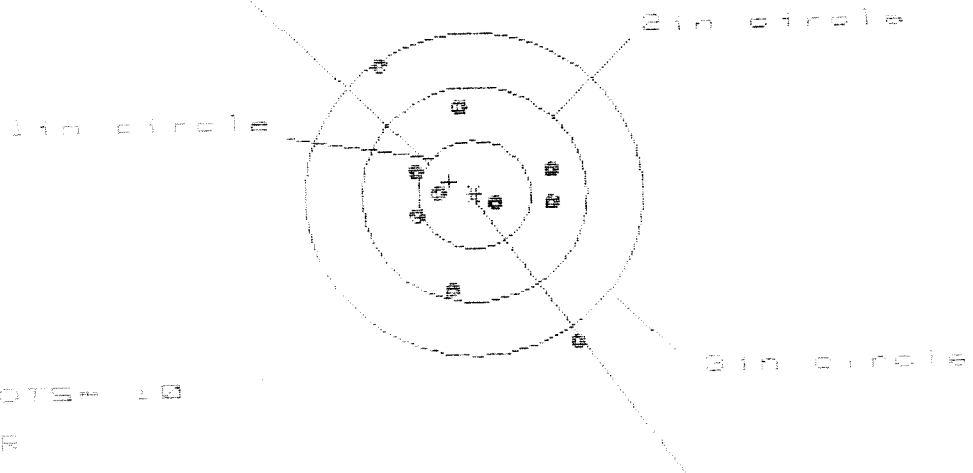
10 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06665929

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

ME = 1.707

SE = 2.633

GE = 3.138

CENTROID *

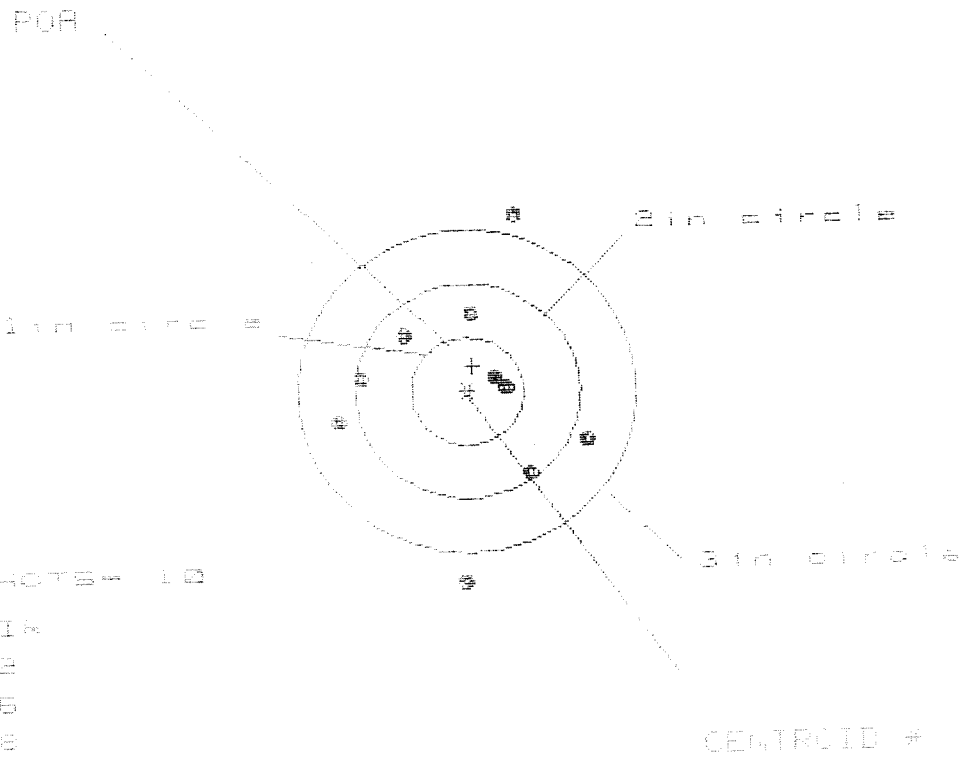
PATTERN #	1	4	9	8
MEAN X-BEST OF	10			
MEAN X	.901	.832	.743	
MEAN Y	-.806	-.706	-.539	
MEAN X	1.236	1.081	.791	
MEAN Y	-1.397	-1.028	-.893	
MEAN X	.216	.116	.205	
MEAN Y	-.118	.037	-.098	
MEAN X-CENTROID INCH	.246	.122	.227	
MEAN Y	.220	.212	.236	
MEAN X	.793	.683	.598	
MEAN Y	1.662	1.291	.914	
MEAN X-Spread	1.707	1.538	1.282	
MEAN Y-Spread	2.633	2.109	1.684	
MEAN X-Spread	3.138	2.192	1.686	
ONE INCH CIRCLE	=	2		
TWO INCH CIRCLE	=	6		
THREE INCH CIRCLE	=	8		

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665929

CENTERFIRE PATTERNS

5



OF SHOTS= 10

1in circle

1in = 2

2in = 5

3in = 8

1st = 2.166

2nd = 2.375

3rd = 2.411

GROUP #

5

GROUP #	1	2	3	4
1. 1st OF	10	9	8	
2. 1st	1.048	1.045	1.103	
3. 1st	-1.118	-1.121	-1.064	
4. 1st	1.639	1.413	1.761	
5. 1st	-1.766	-1.915	-1.738	
6. 1st	-1.048	-1.045	-1.102	
7. 1st	-1.233	-1.037	-1.214	
8. 1st	.238	.058	.237	
9. 1st	.229	.228	.273	
10. 1st	.978	.871	.795	
11. 1st	1.706	1.486	1.133	
12. 1st	2.166	2.166	2.166	
13. 1st	2.375	2.328	1.900	
14. 1st	2.411	2.441	2.179	
15. 1st		2		
16. 1st		6		
17. 1st		6		