

FORM

UPC



C6665795

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.**MODEL 700™ M24**

SERIAL NO.

C6665795

ORDER NO.

5716

20

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



5716 C6665795

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665795

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GB
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/8/91	AB
	Apply Coating (Bolt)		11/8/91	AB
625	Final Assembly A) Clean inside of Bolt Assembly		11/26/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/26/91	KL
	C) Inspect Ejector Hole for Chamfer		11/26/91	KL
	D) Oil Firing Pin Ass'y		11/26/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-27-91	KL

op. #	BARBER - M24 0102663	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	6	6	6	6	11-27-91	JK
	G) Safety Off Force	4	4	4	4	4	11-27-91	JK
	H) Trigger Pull Test & Retainability						11-27-91	JK
	I) Firing Pin Indent	0.22	0.22	0.22	0.22	0.22	11-27-91	JK
	J) Assemble Stock						11/27/91	JK
	K) Assemble Swivel Studs						12-7-91	AC
	L) Attach Front and Rear Sight Assemblies						11/27/91	JK
	M) Iron Sight Alignment						11/27/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/27/91	JK
	O) Attach Scope to Rifle						11/27/91	JK
	P) Detach & Attach Scope 20 Times						11/27/91	JK
640	Gallery Target & Test						12/2/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12/2/91	KT
655	Final Inspection							
	A) Headspace						12-17-91	AC
	B) Trigger Pull	2.60	2.62	2.62	2.68	2.65	12-3-91	AC
	C) Function						12-7-91	AC
660	Pack						12-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665795

DATE 11-27-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.44	2.50	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.32	2.48	2.62	
PULL #3	2.49	2.41	2.44	2.62	
PULL #4	2.48	2.51	2.56	2.68	
PULL #5	2.35	2.43	2.50	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.28		
PULL #2	3.38	3.56		
PULL #3	3.52	3.49		
PULL #4	3.39	3.52		
PULL #5	3.56	3.21		
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	4.32		4.36
PULL #2	4.45	4.39		4.24
PULL #3	4.31	4.38		4.23
PULL #4	4.18	4.33		4.35
PULL #5	4.33	4.35		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665795
3 Dec 1991

CENTROIDAL DISTANCES

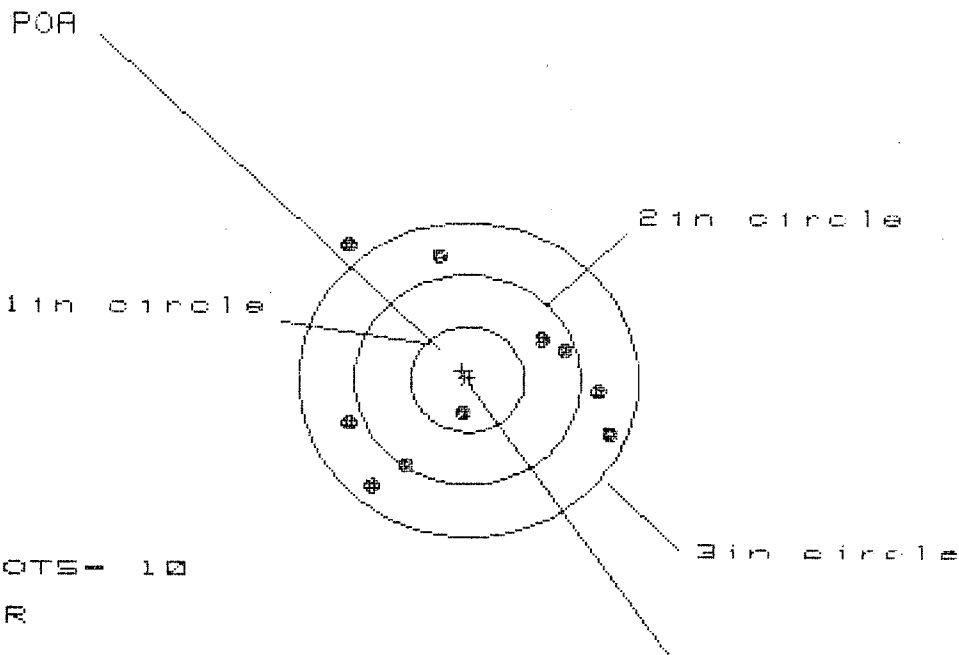
0 TO	1	.100344
1 TO	2	.700822
1 TO	3	.109417
1 TO	4	.1086
1 TO	5	.138773

²
+ <----FOR

COORDINATE FOR THIS RIFLE IS: .1856
COORDINATE FOR THIS RIFLE IS: .0706
AVERAGE POI RADIUS FOR THIS RIFLE IS: .1925
RIFLE IS: .9754

FILE:/PATTERNING/CENTERFIRE_PATT/C8685795.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in - 9

HS= 2.307

VS= 2.282

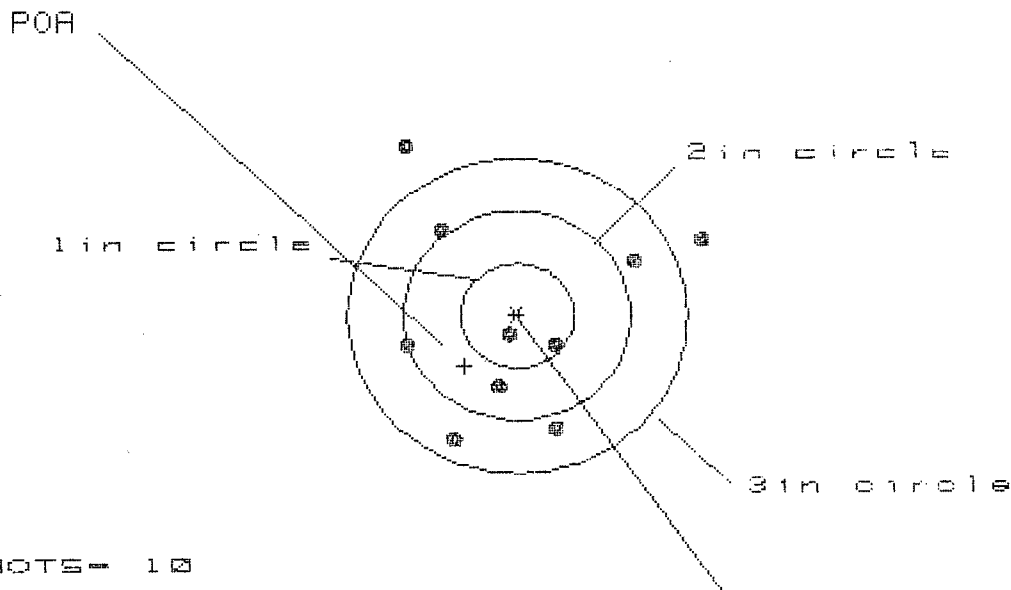
GS= 2.916

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MINIMUM X	1.208	1.092	1.128
MINIMUM Y	-1.099	-1.215	-1.079
MAXIMUM X	1.297	1.335	1.133
MAXIMUM Y	-.985	-.840	-.892
CENTROID X	.050	.166	.030
CENTROID Y	-.087	-.232	-.180
4 TO CENTROID in.	.101	.285	.183
1st RADIUS	.297	.253	.203
2nd RADIUS	1.075	.987	.958
3rd RADIUS	1.665	1.378	1.300
HORIZONTAL SPREAD	2.307	2.367	2.207
VERTICAL SPREAD	2.282	2.175	2.175
MEAN SPREAD	2.916	2.310	2.252
SHOTS IN ONE INCH CIRCLE =	1		
SHOTS IN TWO INCH CIRCLE =	3		
SHOTS IN THREE INCH CIRCLE =	9		

2 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665795.1

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.543

VS = 2.778

GS = 2.931

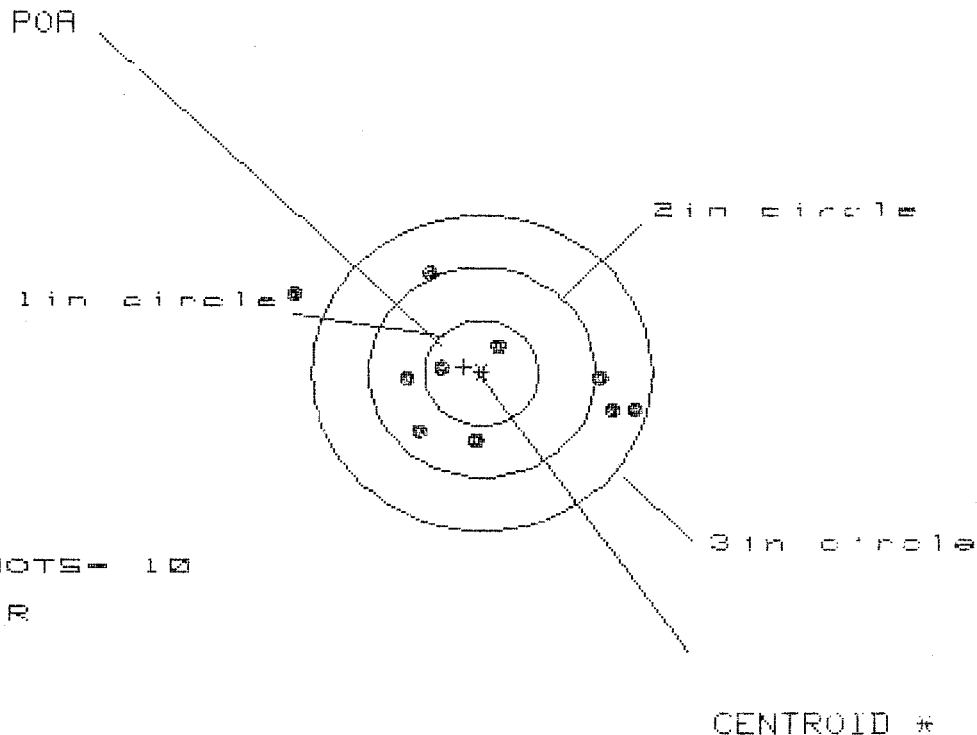
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.591	1.485	1.105
MINIMUM X	:	-.952	-1.031	-.846
MAXIMUM Y	:	1.588	1.001	1.114
MINIMUM Y	:	-1.190	-1.014	-.901
CENTROID X	:	.466	.572	.387
CENTROID Y	:	.477	.301	.188
POA TO CENTROID in.	:	.667	.647	.430
1 IN RADIUS	:	.226	.158	.076
MEAN RADIUS	:	1.055	.920	.781
MAX RADIUS	:	1.851	1.737	1.395
HORIZONTAL SPREAD	:	2.543	2.516	1.951
VERTICAL SPREAD	:	2.778	2.015	2.015
EXTREME SPREAD	:	2.931	2.876	2.361
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.909

VS= 1.568

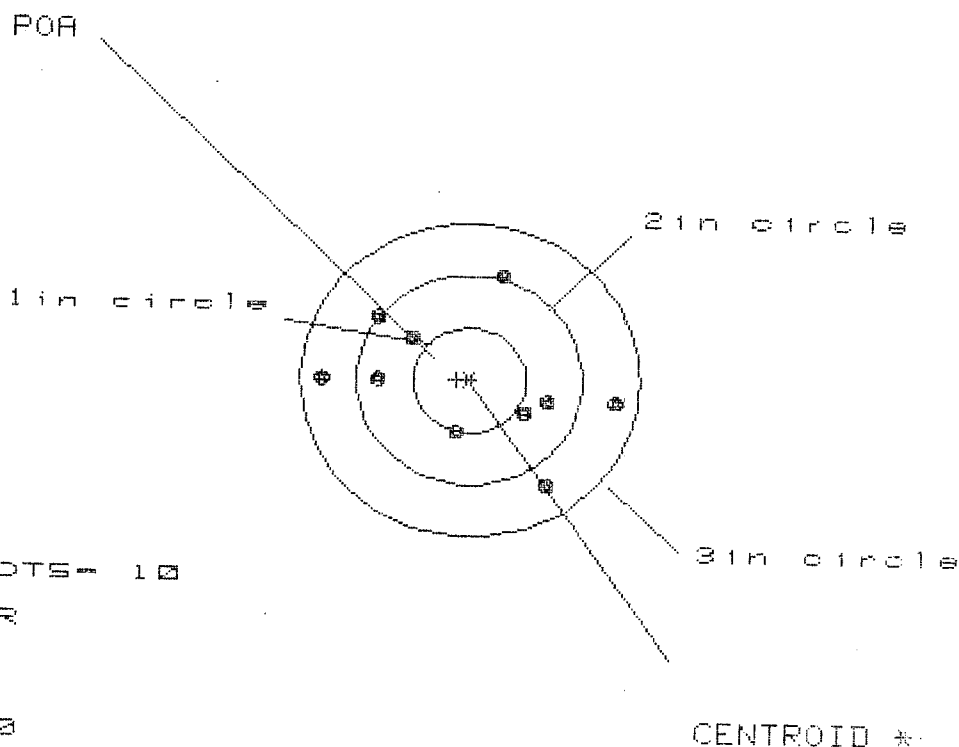
GS= 3.110

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.301	1.122	1.068
MINIMUM X	:	-1.608	-.838	-.698
MAXIMUM Y	:	.918	.998	.960
MINIMUM Y	:	-.650	-.570	-.608
CENTROID X	:	.154	.333	.193
CENTROID Y	:	-.053	-.133	-.095
POA TO CENTROID in.	:	.163	.358	.215
MIN RADIUS	:	.285	.354	.315
MEAN RADIUS	:	.896	.810	.736
MAX RADIUS	:	1.761	1.164	1.109
HORIZONTAL SPREAD	:	2.909	1.960	1.766
VERTICAL SPREAD	:	1.568	1.568	1.568
EXTREME SPREAD	:	3.110	2.158	1.978
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

3 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.604

VS = 2.001

GS = 2.614

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.248	1.098	.713
MINIMUM X	-1.356	-.978	-.841
MAXIMUM Y	1.043	1.049	1.027
MINIMUM Y	-.958	-.952	-.974
CENTROID X	.115	.265	.128
CENTROID Y	-.000	-.006	.016
POA TO CENTROID in.	.115	.265	.129
MIN RADIUS	.484	.474	.502
MEAN RADIUS	.924	.865	.828
MAX RADIUS	1.356	1.132	1.203
HORIZONTAL SPREAD	2.604	2.076	1.554
VERTICAL SPREAD	2.001	2.001	2.001
EXTREME SPREAD	2.614	2.192	2.185
NUMBER IN ONE INCH CIRCLE =	1	5	10
NUMBER IN TWO INCH CIRCLE =	5	10	10
NUMBER IN THREE INCH CIRCLE =	10	10	10

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685795.1

CENTERFIRE PATTERNS # 5

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 1.959

VS= 2.380

GS= 2.544

PATTERN #

5

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.910	.911	.826
MINIMUM X	-1.049	-1.048	-.934
MAXIMUM Y	.843	.673	.689
MINIMUM Y	-1.537	-.979	-.895
CENTROID X	.143	.142	.028
CENTROID Y	.016	.186	.102
DR TO CENTROID in.	.144	.234	.106
1 IN RADIUS	.505	.547	.501
2 IN RADIUS	.927	.848	.804
3 IN RADIUS	1.537	1.211	1.218
HORIZONTAL SPREAD	1.959	1.959	1.760
VERTICAL SPREAD	2.380	1.652	1.584
EXTREME SPREAD	2.544	2.169	2.169
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		