

FMEN

UPC



0 47700 25716 7

C6649215

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

Remington



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

MODEL 700TM M24

SERIAL NO.
C6649215

20

ORDER NO.
5716

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

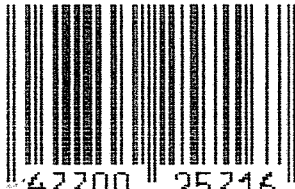


5716 C6649215

ORDER **5716**

MODEL 700TM M24

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MODEL 700TM M24

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649215

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 91		RW
600	Proof	10 1 91		RW
607	Check Headspace	1 91		RW
610	Dis-assemble Gun	10 1 91		RW
612	Magnaflux Barrel Action	OCT 1 0 1991		KR
	Magnaflux Bolt	OCT 1 0 1991		KR
615	Rollmark Caliber	OCT 1 0 1991		LS
617	Drill and Tap Sight Holes	OCT 1 0 1991		LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/8-91	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-21-91	AL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-27-91	84
	G) Safety Off Force	3	3	3			11-27-91	84
	H) Trigger Pull Test & Retainability						11-27-91	84
	I) Firing Pin Indent	.0205	.021	.021			11-27-91	84
	J) Assemble Stock						11/25/91	RW
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/25/91	RW
	M) Iron Sight Alignment						11/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/25/91	RW
	O) Attach Scope to Rifle						11/25/91	RW
	P) Detach & Attach Scope 20 Times						11/25/91	RW
640	Gallery Target & Test						11/25/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						11/25/91	KT
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	2.44	2.44	2.21	2.30	2.30	11-26-91	D/H
	C) Function						11-27-91	D/H
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649215

DATE 11-21-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.43	2.48	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.43	2.50	2.44	
PULL #3	2.42	2.44	2.55	2.21	
PULL #4	2.32	2.36	2.41	2.30	
PULL #5	2.45	2.36	2.44	2.30	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.68	3.49		
PULL #2	3.44	3.44		
PULL #3	3.69	3.47		
PULL #4	3.63	3.39		
PULL #5	3.68	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.55	4.43		4.35
PULL #2	4.36	4.43		4.38
PULL #3	4.51	4.46		4.35
PULL #4	4.46	4.46		4.40
PULL #5	4.38	4.37		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATION
FOR RIFLE # 06649215
25 AUG 1991

CENTROIDAL DISTANCES

0 TO	1	.0594811
1 TO	2	.152069
1 TO	3	.238948
1 TO	4	.126823
1 TO	5	.214201

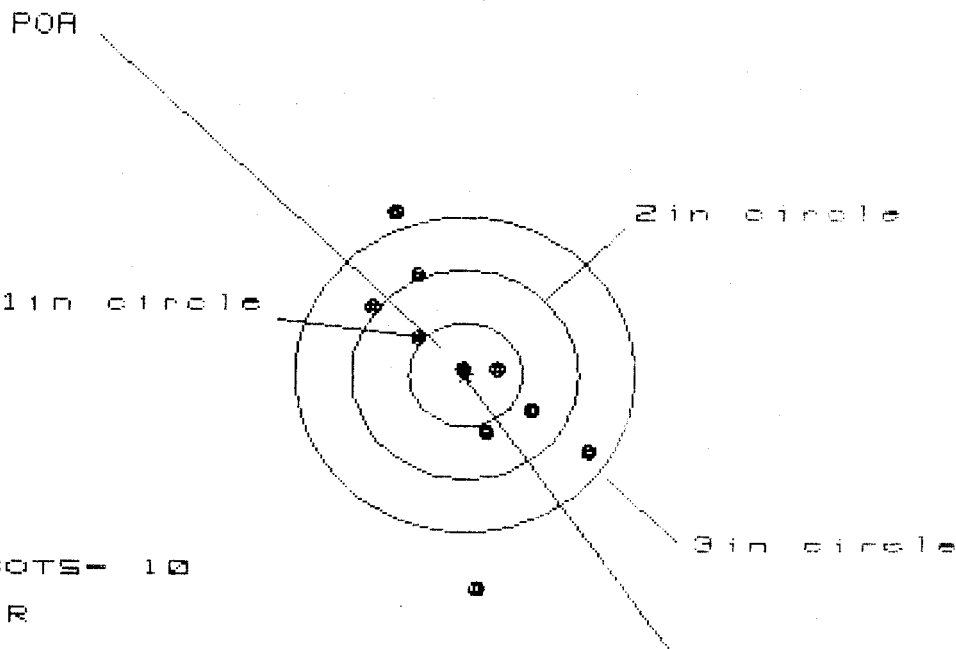
4 -----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0448
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .044575
POI FOR THIS RIFLE IS: 1.107

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649215

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 3

HS- 1.873

VS= 3.618

GS= 3.688

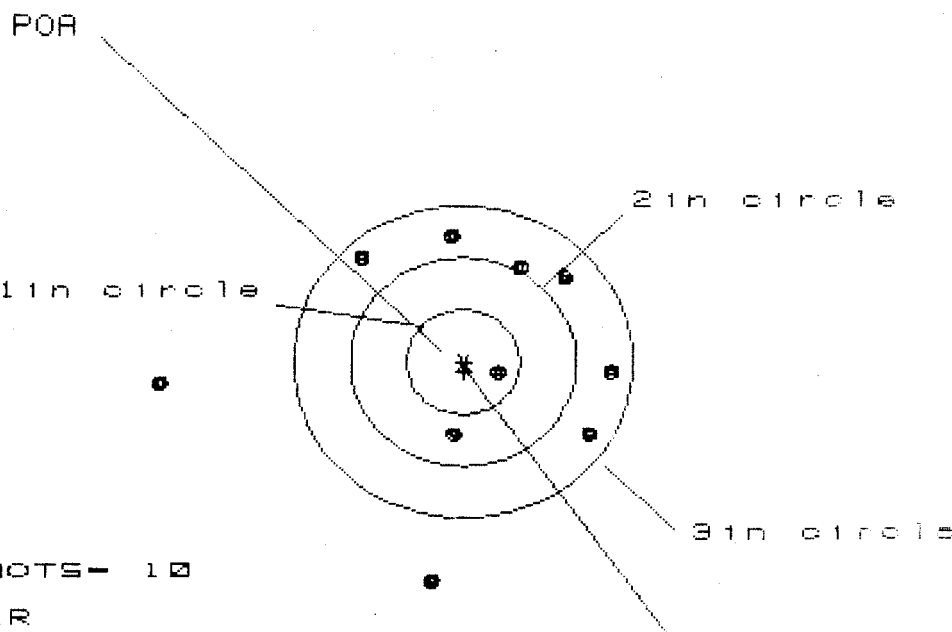
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	1.060	.987
MINIMUM X	:	-.825	-.813	-.886
MAXIMUM Y	:	1.586	1.360	.857
MINIMUM Y	:	-2.032	-.948	-.778
CENTROID X	:	.017	.005	.078
CENTROID Y	:	-.057	.169	-.001
CS TO CENTROID in.	:	.059	.169	.078
1 IN RADIUS	:	.090	.144	.049
2 IN RADIUS	:	.923	.792	.675
3 IN RADIUS	:	2.035	1.482	1.257
1 IN RADIUS SPREAD	:	1.873	1.873	1.873
2 IN RADIUS SPREAD	:	3.618	2.308	1.635
3 IN RADIUS SPREAD	:	3.688	2.837	2.328
1 IN RADIUS INCH CIRCLE	=		2	
2 IN RADIUS INCH CIRCLE	=		6	
3 IN RADIUS INCH CIRCLE	=		8	

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649215

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 4.008

VS= 3.311

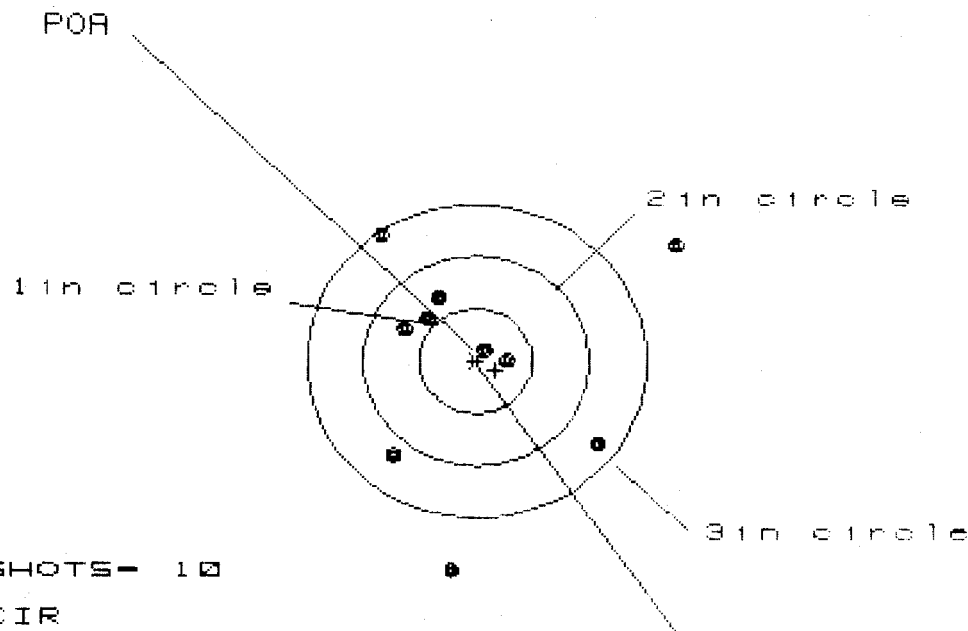
GS= 4.009

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.304	1.003	.931
MINIMUM X	:	-2.704	-1.230	-1.302
MAXIMUM Y	:	1.179	1.154	.884
MINIMUM Y	:	-2.132	-2.157	-1.014
CENTROID X	:	-.008	.293	.365
CENTROID Y	:	.093	.118	.388
POA TO CENTROID in.	:	.094	.316	.533
MIN RADIUS	:	.303	.088	.366
MEAN RADIUS	:	1.333	1.107	.951
HL RADIUS	:	2.713	2.234	1.495
HORIZONTAL SPREAD	:	4.008	2.233	2.233
VERTICAL SPREAD	:	3.311	3.311	1.898
EXTREME SPREAD	:	4.009	3.314	2.646
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649215

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 3

HS- 2.609

VS- 3.127

GS- 3.645

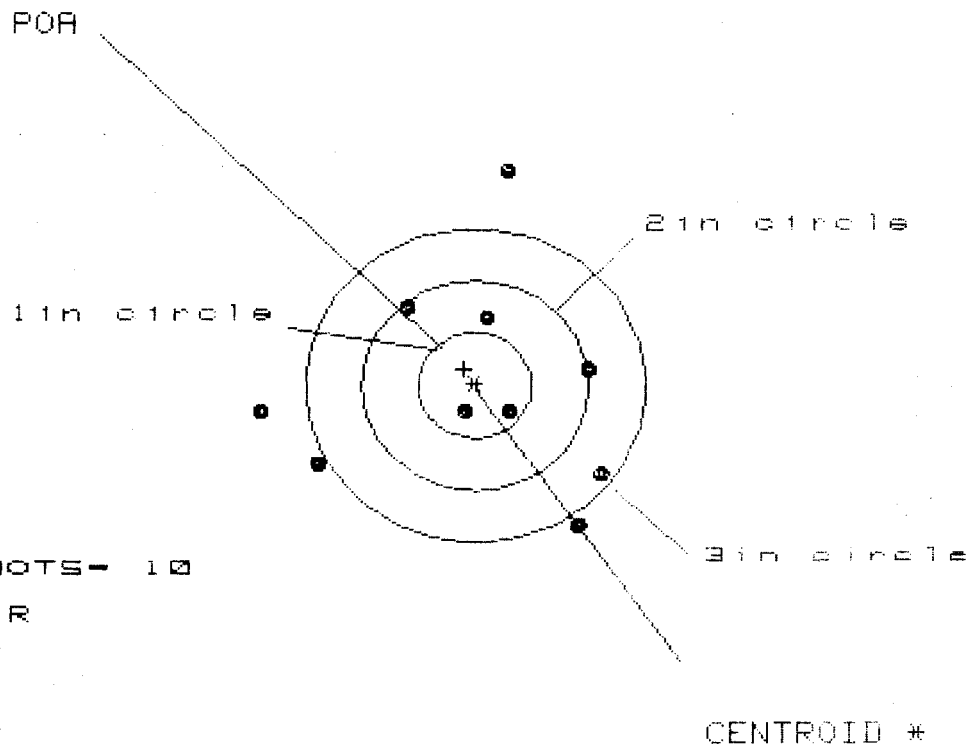
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.796	1.304	1.301
MINIMUM X	:	-.813	-.613	-.616
MAXIMUM Y	:	1.160	1.279	1.048
MINIMUM Y	:	-1.967	-1.848	-1.037
CENTROID X	:	-.169	-.369	-.366
CENTROID Y	:	.093	-.026	.205
POA TO CENTROID in.	:	.193	.369	.420
MIN RADIUS	:	.164	.375	.260
MEAN RADIUS	:	1.047	.945	.762
RMS RADIUS	:	2.092	1.848	1.593
HORIZONTAL SPREAD	:	2.609	1.917	1.917
VERTICAL SPREAD	:	3.127	3.127	2.085
EXTREME SPREAD	:	3.645	3.183	2.747
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8645215

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.007

VS= 3.308

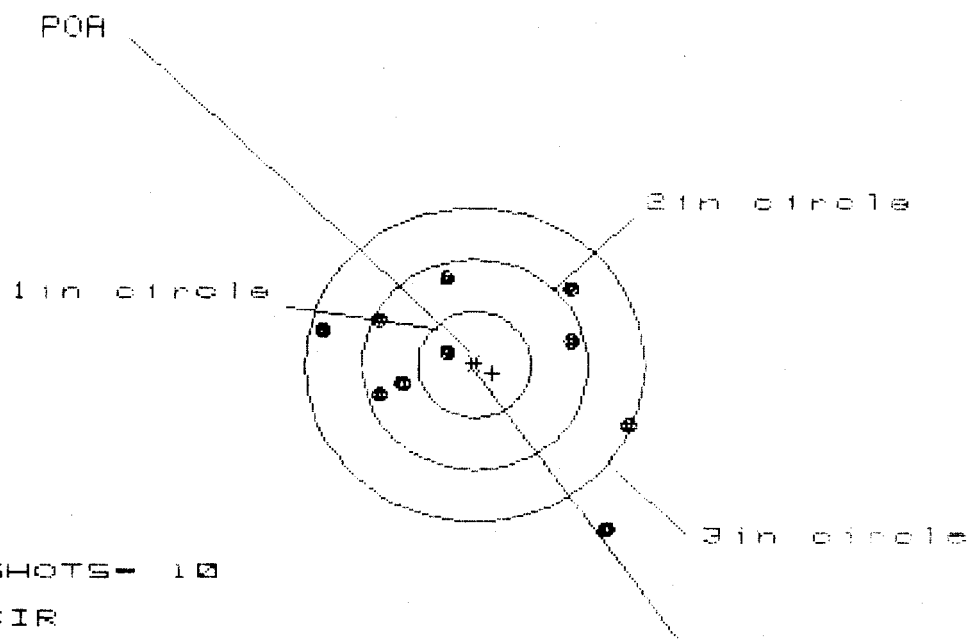
GS= 3.362

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.153	.921
MINIMUM X	:	-1.893	-1.854	-1.566
MAXIMUM Y	:	2.009	.986	.983
MINIMUM Y	:	-1.299	-1.076	-1.079
CENTROID X	:	.095	.056	.288
CENTROID Y	:	-.157	-.380	-.377
POA TO CENTROID in.	:	.184	.384	.474
4IN RADIUS	:	.288	.062	.104
1IN RADIUS	:	1.184	1.068	.936
2IN RADIUS	:	2.040	1.854	1.647
HORIZONTAL SPREAD	:	3.007	3.007	2.487
VERTICAL SPREAD	:	3.308	2.062	2.062
EXTREME SPREAD	:	3.362	3.061	2.596
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

25 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649215

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.770

VS= 2.352

GS= 3.089

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.522	1.187
MINIMUM X	:	-1.371	-1.248	-1.058
MAXIMUM Y	:	.803	.630	.532
MINIMUM Y	:	-1.549	-.787	-.550
CENTROID X	:	-.154	-.277	-.467
CENTROID Y	:	.072	.245	.343
POA TO CENTROID in.	:	.170	.370	.580
1in RADIUS	:	.240	.130	.202
2in RADIUS	:	1.046	.901	.761
3in RADIUS	:	1.904	1.713	1.243
HORIZONTAL SPREAD	:	2.770	2.770	2.245
VERTICAL SPREAD	:	2.352	1.417	1.082
TREND SPREAD	:	3.089	2.916	2.256
SHOTS IN ONE INCH CIRCLE	=	1	1	1
SHOTS IN TWO INCH CIRCLE	=	5	5	5
SHOTS IN THREE INCH CIRCLE	=	8	8	8