

FORM

UPC



0 47700 25716 2

C6665712

CAPACITY
INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665712

ORDER NO.

5716

20

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



5716 C6665712

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 # C6665712

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	AW
600	Proof	9 26	9 1	AW
607	Check Headspace	9 26	9 1	AW
610	Dis-assemble Gun	9 26	9 1	AW
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	Rev
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	Rev
	C) Inspect Ejector Hole for Chamfer		10/13/91	Rev
	D) Oil Firing Pin Ass'y		10/13/91	Rev
	E) Adjust Trigger Pull to Min Setting and Stake		10/18/91	AL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	10-18-91	DH		
	G) Safety Off Force	3	3	3	10-18-91	DH		
	H) Trigger Pull Test & Retainability				10/18/91	JCU		
	I) Firing Pin Indent	,020	,020	,021	10-18-91	DH		
	J) Assemble Stock				10/18/91	RW		
	K) Assemble Swivel Studs				10-22-91	Ac		
	L) Attach Front and Rear Sight Assemblies				10/18/91	RW		
	M) Iron Sight Alignment				10/18/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/18/91	RW		
	O) Attach Scope to Rifle				10/18/91	RW		
	P) Detach & Attach Scope 20 Times				10/18/91	RW		
640	Gallery Target & Test				10-18-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				10-18-91	NF		
655	Final Inspection							
	A) Headspace				10-22-91	Ac		
	B) Trigger Pull	229	210	212	213	213	10-21-91	DH
	C) Function						10-22-91	Ac
660	Pack						12-20-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665712

DATE 10-18-91

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.22	2.20	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.18	2.25	2.10	
PULL #3	2.30	2.17	2.18	2.12	
PULL #4	2.31	2.15	2.22	2.13	
PULL #5	2.33	2.15	2.20	2.13	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.43		
PULL #2	3.32	3.44		
PULL #3	3.42	3.46		
PULL #4	3.42	3.52		
PULL #5	3.39	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.40		4.19
PULL #2	4.21	4.38		4.26
PULL #3	4.24	4.44		4.24
PULL #4	4.28	4.30		4.33
PULL #5	4.36	4.20		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # D6665712
18 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.233808
1 TO 2	.335121
1 TO 3	.431419
1 TO 4	.426456
1 TO 5	.202744

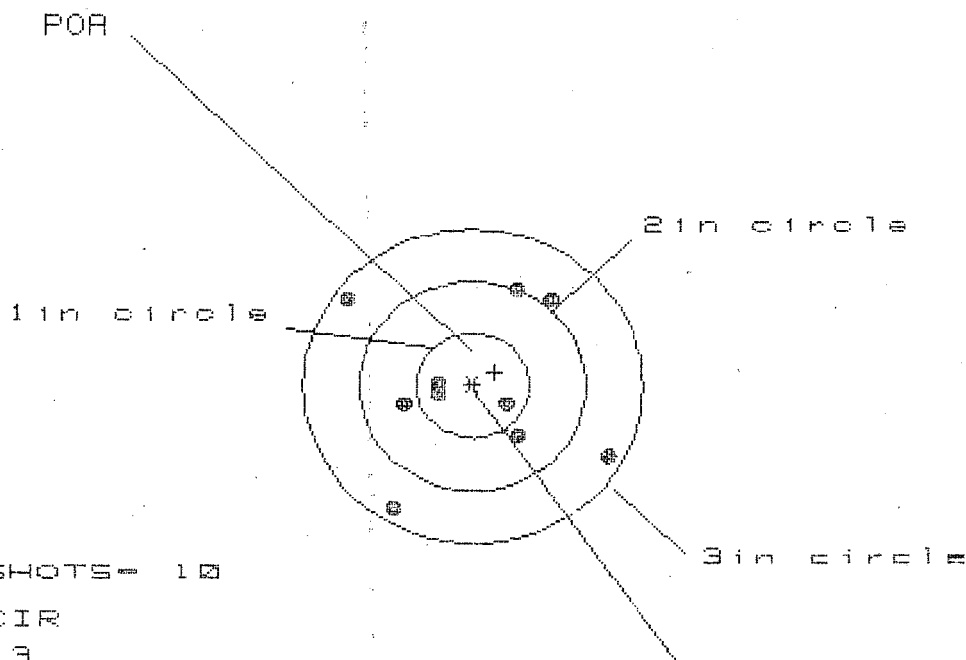
<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0234
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0378
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0444567
THE AMR FOR THIS RIFLE IS: 1.024

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665712

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.350

VS = 2.095

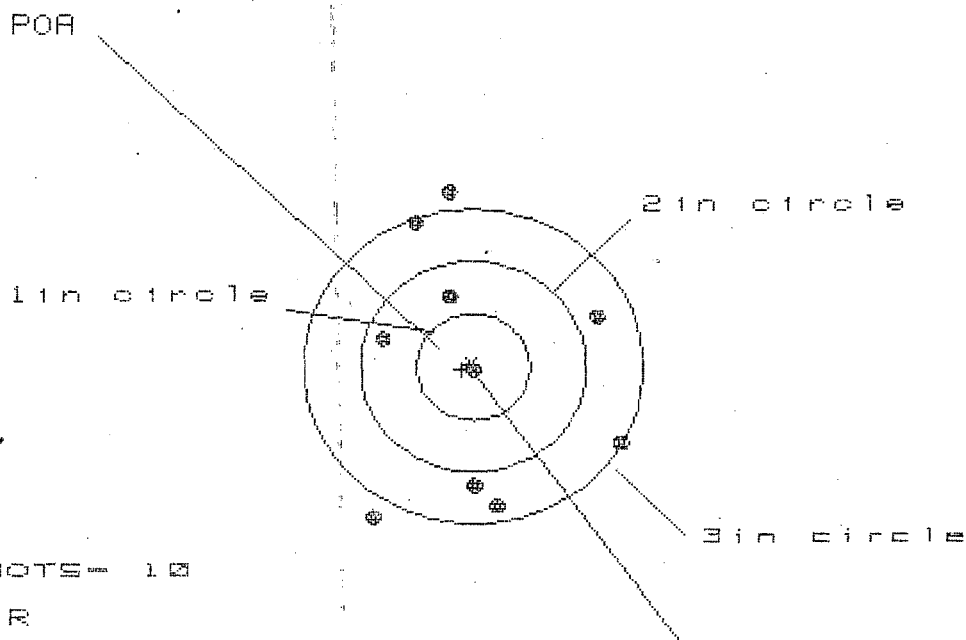
GS = 2.756

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	.866	.742
MINIMUM X	:	-1.130	-.995	-.701
MAXIMUM Y	:	.930	.858	.947
MINIMUM Y	:	-1.165	-1.237	-1.148
CENTROID X	:	-.195	-.330	-.206
CENTROID Y	:	-.129	-.057	-.146
POA TO CENTROID in.	:	.234	.335	.252
MIN RADIUS	:	.263	.173	.249
MEAN RADIUS	:	.841	.764	.704
MAX RADIUS	:	1.384	1.365	1.345
HORIZONTAL SPREAD	:	2.350	1.861	1.443
VERTICAL SPREAD	:	2.095	2.095	2.095
EXTREME SPREAD	:	2.756	2.483	2.483
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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FILE://PATTERNING/CENTERFIRE_PATT/C6665712

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.124

VS= 3.116

GS= 3.178

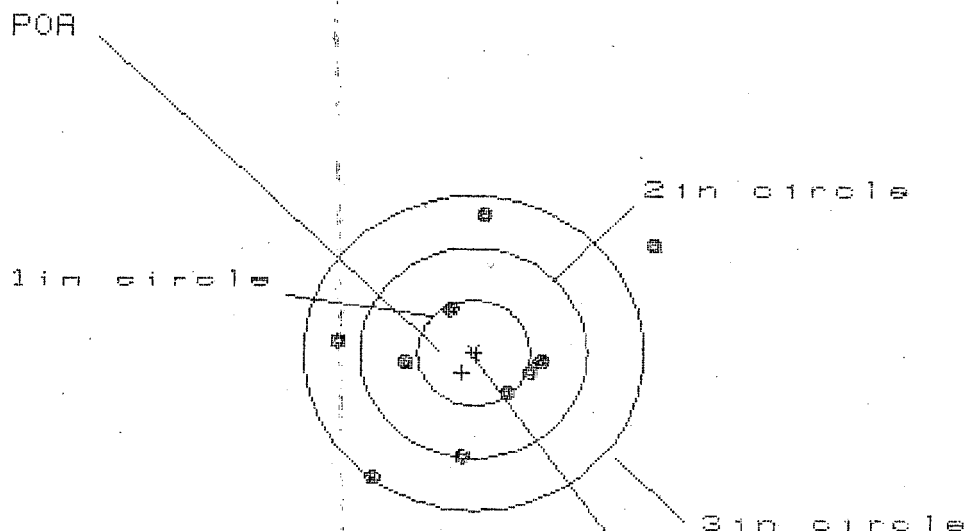
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.231	1.119
MINIMUM X	:	-.866	-.893	-.914
MAXIMUM Y	:	1.708	1.605	1.453
MINIMUM Y	:	-1.408	-1.218	-1.327
CENTROID X	:	.100	.127	.239
CENTROID Y	:	.030	-.160	-.007
POA TO CENTROID in.	:	.104	.204	.239
MIN RADIUS	:	.028	.207	.129
MEAN RADIUS	:	1.156	1.104	1.034
MAX RADIUS	:	1.725	1.690	1.588
HORIZONTAL SPREAD	:	2.124	2.124	2.033
VERTICAL SPREAD	:	3.116	2.823	2.779
EXTREME SPREAD	:	3.178	2.868	2.868
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.815

VS= 2.464

GS= 3.388

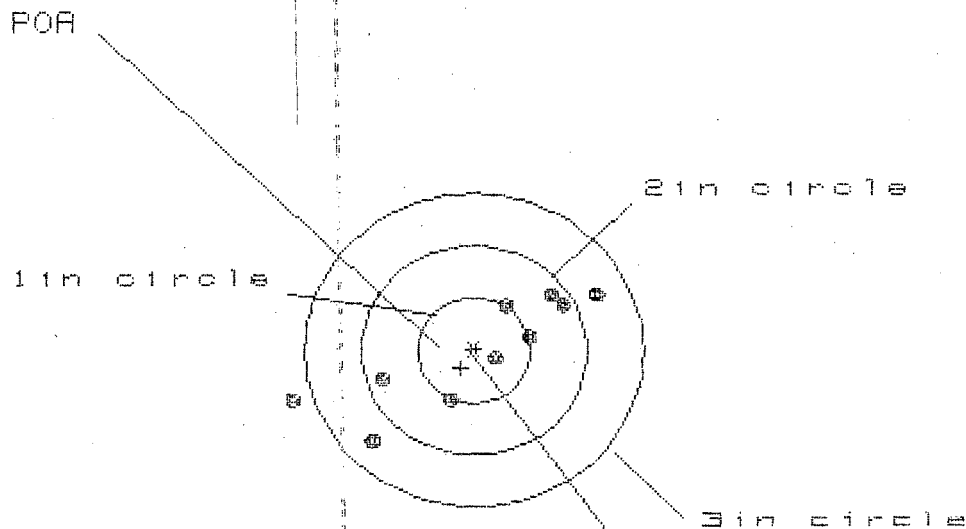
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.695	.778	.681
MINIMUM X	:	-1.210	-1.032	-1.129
MAXIMUM Y	:	1.282	1.397	1.264
MINIMUM Y	:	-1.182	-1.067	-1.018
CENTROID X	:	.104	-.074	.023
CENTROID Y	:	.182	.067	.200
POA TO CENTROID in.	:	.210	.100	.202
MIN RADIUS	:	.498	.424	.467
MEAN RADIUS	:	.966	.853	.782
MAX RADIUS	:	1.912	1.433	1.283
HORIZONTAL SPREAD	:	2.815	1.810	1.810
VERTICAL SPREAD	:	2.464	2.464	2.282
EXTREME SPREAD	:	3.388	2.696	2.293
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.746

VS= 1.422

GS= 2.948

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.125	.945	.806
MINIMUM X	:	-1.621	-1.114	-1.101
MAXIMUM Y	:	.567	.511	.397
MINIMUM Y	:	-.855	-.911	-.657
CENTROID X	:	.112	.292	.431
CENTROID Y	:	.167	.223	.337
POA TO CENTROID in.	:	.201	.368	.547
MIN RADIUS	:	.182	.142	.151
MEAN RADIUS	:	.856	.719	.591
MAX RADIUS	:	1.698	1.439	1.173
HORIZONTAL SPREAD	:	2.746	2.059	1.907
VERTICAL SPREAD	:	1.422	1.422	1.054
EXTREME SPREAD	:	2.948	2.502	2.068
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6665712

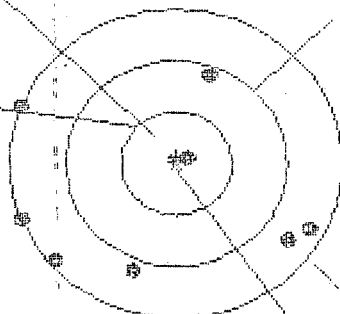
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 7

CENTROID #

HS= 3.159

VS= 3.150

GS= 3.281

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.749	1.747	1.386
MINIMUM X	:	-1.410	-1.412	-1.193
MAXIMUM Y	:	2.073	1.043	1.132
MINIMUM Y	:	-1.077	-.847	-.758
CENTROID X	:	-.004	-.002	-.221
CENTROID Y	:	-.061	-.291	-.380
POA TO CENTROID in.	:	.061	.291	.440
MIN RADIUS	:	.123	.299	.494
MEAN RADIUS	:	1.303	1.209	1.117
MAX RADIUS	:	2.073	1.888	1.470
HORIZONTAL SPREAD	:	3.159	3.159	2.579
VERTICAL SPREAD	:	3.150	1.890	1.890
EXTREME SPREAD	:	3.281	3.281	2.833
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	2		
NUMBER IN THREE INCH CIRCLE =	:	7		