

FORM

UPC



0 47700 25716 7

C6665986

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.

C6665986

ORDER NO.

5716

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

20



5716 C6665986

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665986

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	28
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	TH
	Apply Coating (Bolt)		10/14/91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		10/29/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/29/91	KH
	C) Inspect Ejector Hole for Chamfer		10/29/91	KH
	D) Oil Firing Pin Ass'y		10/29/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6½	7½			10-30-91	DH
	G) Safety Off Force	2½	2½	2¾			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	JL
	I) Firing Pin Indent	.020	.020	.020			10-30-91	DH
	J) Assemble Stock						10/30/91	TH
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	TH
	M) Iron Sight Alignment						10/30/91	TH
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	TH
	O) Attach Scope to Rifle						10/30/91	TH
	P) Detach & Attach Scope 20 Times						10/30/91	TH
640	Gallery Target & Test						10/31/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						10/31/91	KT
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	2.62	2.72	2.70	2.67	2.71	11-5-91	DH
	C) Function						11-12-91	AC
660	Pack						12-19-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665986

DATE 10/30/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.36	2.57	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.30	2.40	2.72	
PULL #3	2.31	2.39	2.44	2.70	
PULL #4	2.40	2.58	2.43	2.67	
PULL #5	2.34	2.31	2.44	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.33		
PULL #2	3.38	3.27		
PULL #3	3.25	3.38		
PULL #4	3.23	3.26		
PULL #5	3.38	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.49		4.56
PULL #2	4.37	4.35		4.63
PULL #3	4.30	4.57		4.64
PULL #4	4.59	4.60		4.29
PULL #5	4.60	4.47		4.66
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665986
31 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.276725
1 TO 2	.196817
1 TO 3	.285659
1 TO 4	.293007
1 TO 5	.0717844

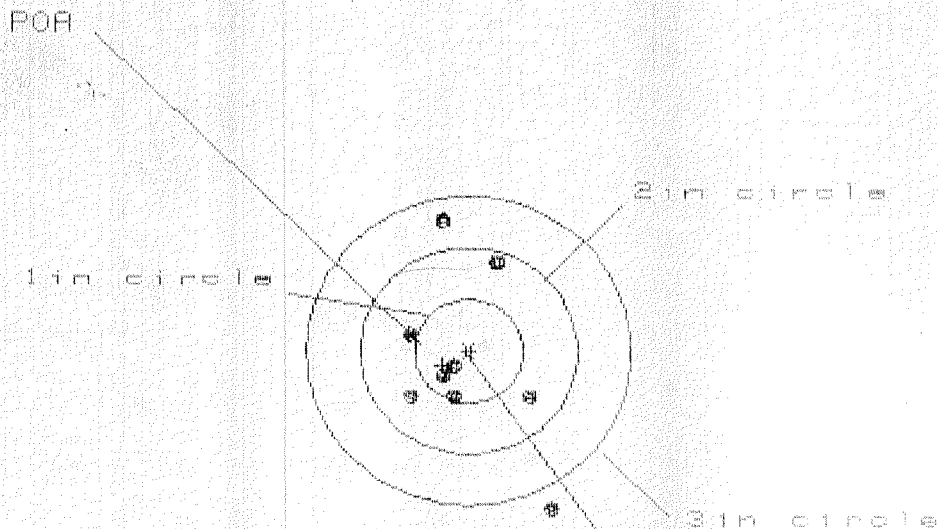
$\frac{1}{5}$ (----) POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2142
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .024
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .21554
THE AMR FOR THIS RIFLE IS: 1.026

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665986

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.317

VS= 2.860

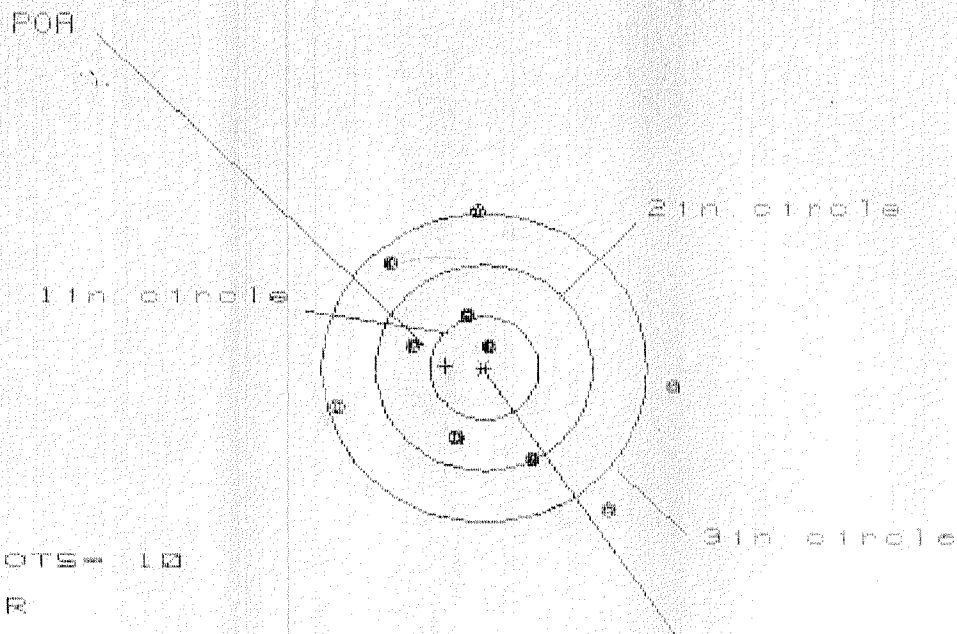
GS= 3.028

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.746	.619	.598
MINIMUM X	:	-.571	-.488	-.509
MAXIMUM Y	:	1.282	1.107	.870
MINIMUM Y	:	-1.578	-.596	-.458
CENTROID X	:	.241	.158	.179
CENTROID Y	:	.136	.311	.173
POA TO CENTROID in.	:	.277	.349	.249
MIN RADIUS	:	.194	.314	.188
MEAN RADIUS	:	.777	.675	.584
MAX RADIUS	:	1.745	1.119	.934
HORIZONTAL SPREAD	:	1.317	1.107	1.107
VERTICAL SPREAD	:	2.860	1.703	1.328
EXTREME SPREAD	:	3.028	1.876	1.565
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.107

VS= 2.927

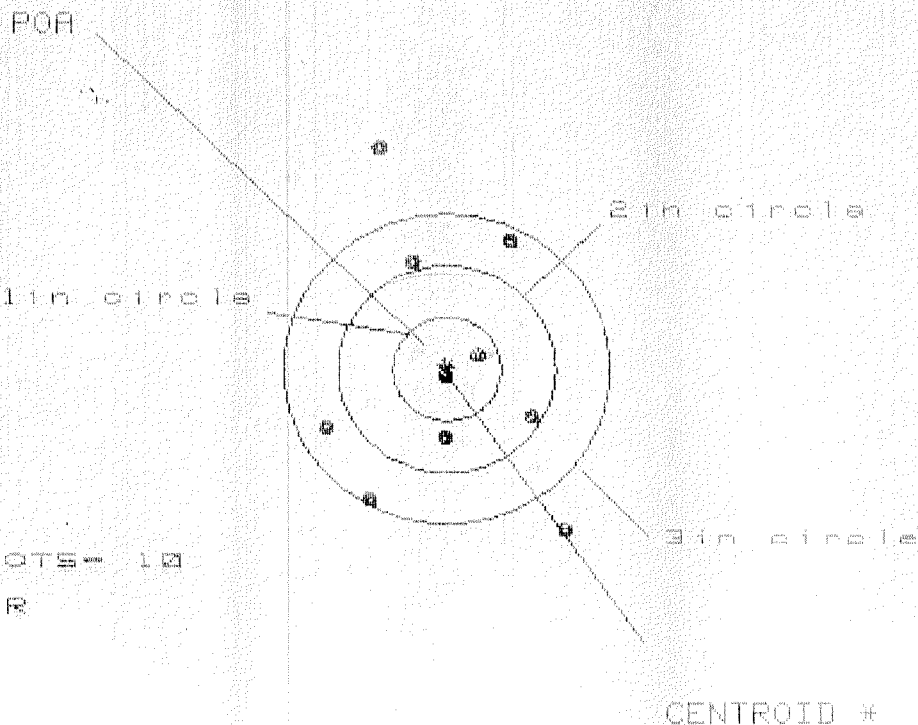
GS= 3.192

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.731
MINIMUM X	:	-1.376
MAXIMUM Y	:	1.548
MINIMUM Y	:	-1.379
CENTROID X	:	.357
CENTROID Y	:	-.023
POA TO CENTROID in.	:	.358
MIN RADIUS	:	.232
MEAN RADIUS	:	1.103
MAX RADIUS	:	1.815
HORIZONTAL SPREAD	:	3.107
VERTICAL SPREAD	:	2.927
EXTREME SPREAD	:	3.192
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	7

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FILE: PATTERNING/CENTERFIRE_PATT/066859B6

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.194

VS = 3.762

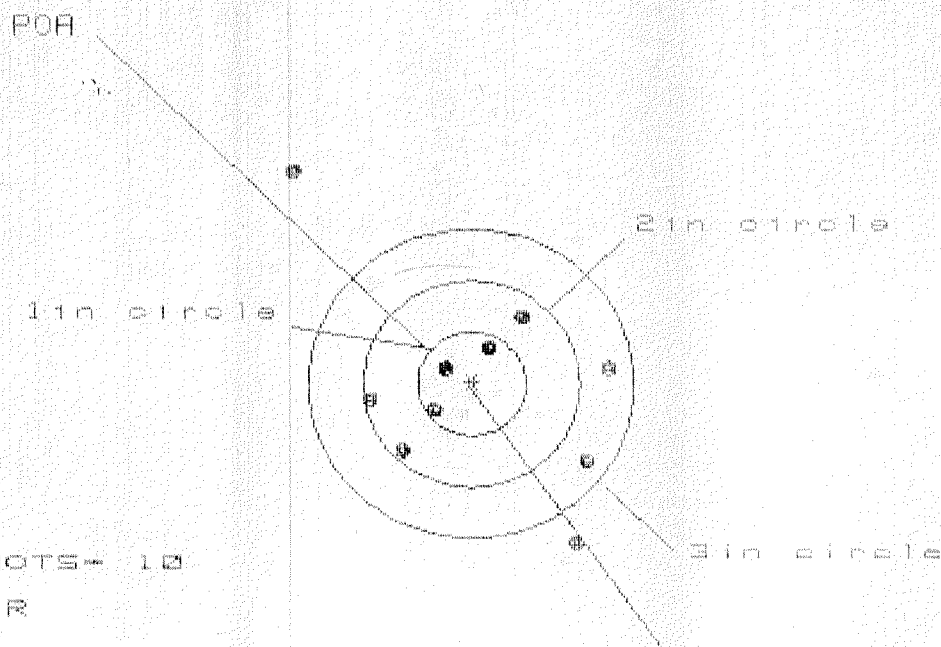
GS = 4.127

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.072	1.003	0.881
MINIMUM X	:	-1.122	-1.191	-1.066
MAXIMUM Y	:	2.157	1.507	1.336
MINIMUM Y	:	-1.605	-1.365	-1.207
CENTROID X	:	.016	.085	.040
CENTROID Y	:	-.040	-.280	-.109
POA TO CENTROID in.	:	.043	.293	.116
MIN RADIUS	:	.040	.227	.049
MEAN RADIUS	:	1.129	.997	.891
MAX RADIUS	:	2.246	1.694	1.492
HORIZONTAL SPREAD	:	2.194	2.194	1.947
VERTICAL SPREAD	:	3.762	2.872	2.543
EXTREME SPREAD	:	4.127	2.978	2.867
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

LS = 2.632

VS = 3.535

GS = 4.376

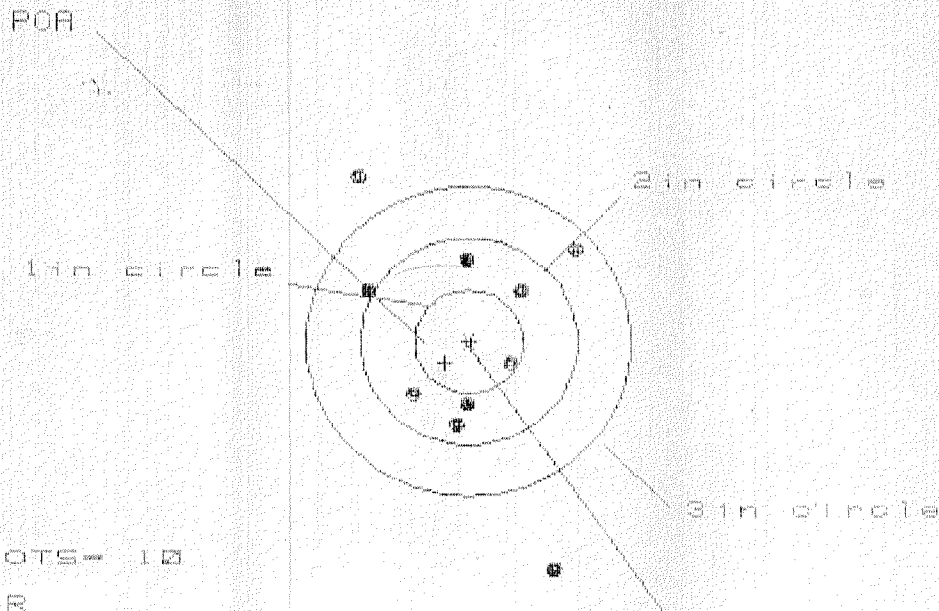
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.041	1.139
MINIMUM X	:	-1.612	-1.122	-1.024
MAXIMUM Y	:	2.011	.907	.745
MINIMUM Y	:	-1.524	-1.301	-.725
CENTROID X	:	.239	.418	.320
CENTROID Y	:	-.157	-.380	-.218
POA TO CENTROID in.	:	.286	.565	.387
MIN RADIUS	:	.284	.540	.375
MEAN RADIUS	:	1.064	.920	.797
MAX RADIUS	:	2.577	1.521	1.192
HORIZONTAL SPREAD	:	2.832	2.163	2.163
VERTICAL SPREAD	:	3.535	2.208	1.470
EXTREME SPREAD	:	4.376	2.385	2.175
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE: /PATTERNING/CENTERFIRE_PATT/06685986

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 1.980

VS= 3.794

GS= 4.201

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	1.075	.962
MINIMUM X	:	-.994	-.905	-.918
MAXIMUM Y	:	1.599	1.356	.820
MINIMUM Y	:	-2.195	-1.070	-.901
CENTROID X	:	.218	.129	.242
CENTROID Y	:	.204	.447	.278
POA TO CENTROID in.	:	.299	.465	.368
MIN RADIUS	:	.403	.542	.423
MEAN RADIUS	:	1.055	.913	.793
MAX RADIUS	:	2.339	1.630	1.264
HORIZONTAL SPREAD	:	1.980	1.980	1.880
VERTICAL SPREAD	:	3.794	2.426	1.721
EXTREME SPREAD	:	4.201	2.567	2.065
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	