

FURN

UPC



0 47700 25716 7

66655983

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

5716

ORDER NO.

MODEL 700 TM M24

Remington

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

MODEL 700TM M24**SERIAL NO.**

C6665983

ORDER NO.**5716**

20

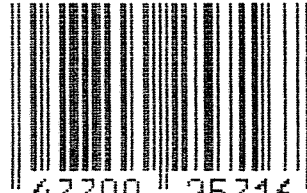
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6665983

ORDER 5716MODEL 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 #

C6665983

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	YH
600	Proof		9/24/91	YH
607	Check Headspace		9/24/91	YH
610	Dis-assemble Gun		9/24/91	YH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS.
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	YH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/25/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/25/91	KS
	C) Inspect Ejector Hole for Chamfer		10/25/91	KS
	D) Oil Firing Pin Ass'y		10/25/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		10/28/91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/28/91	WB
	G) Safety Off Force	3	3	3			10/28/91	WB
	H) Trigger Pull Test & Retainability						10/28/91	94
	I) Firing Pin Indent	.0215	.023	.022			10/28/91	WB
	J) Assemble Stock						10/28/91	TS
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/28/91	TS
	M) Iron Sight Alignment						10/28/91	TS
	N) Detach Front & Rear Sights & place in numbered container						10/28/91	TS
	O) Attach Scope to Rifle						10/28/91	TS
	P) Detach & Attach Scope 20 Times						10/28/91	TS
640	Gallery Target & Test						10-29-91	DH
	A) Time						10-29-91	DH
	B) Malfunctions						10-29-91	DH
	C) Pierced Primers						10-29-91	DH
	D) Optical Clarity of Scope						10-29-91	DH
645	Inspect for Live Ammo						10-29-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	282	281	272	285	287	10-30-91	DH
	C) Function						10-30-91	AC
660	Pack						12-18-91	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-6665983DATE 10/28/91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.51	2.35	282	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.53	2.51	281	
PULL #3	2.54	2.50	2.55	272	
PULL #4	2.41	2.55	2.45	285	
PULL #5	2.53	2.36	2.40	287	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.40		
PULL #2	3.38	3.44		
PULL #3	3.38	3.51		
PULL #4	3.41	3.40		
PULL #5	3.46	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.36		4.21
PULL #2	4.37	4.38		4.18
PULL #3	4.26	4.45		4.19
PULL #4	4.18	4.28		4.30
PULL #5	4.35	4.32		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665983
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0892861
1 TO	2	.212878
1 TO	3	.117324
1 TO	4	.1586
1 TO	5	.349807

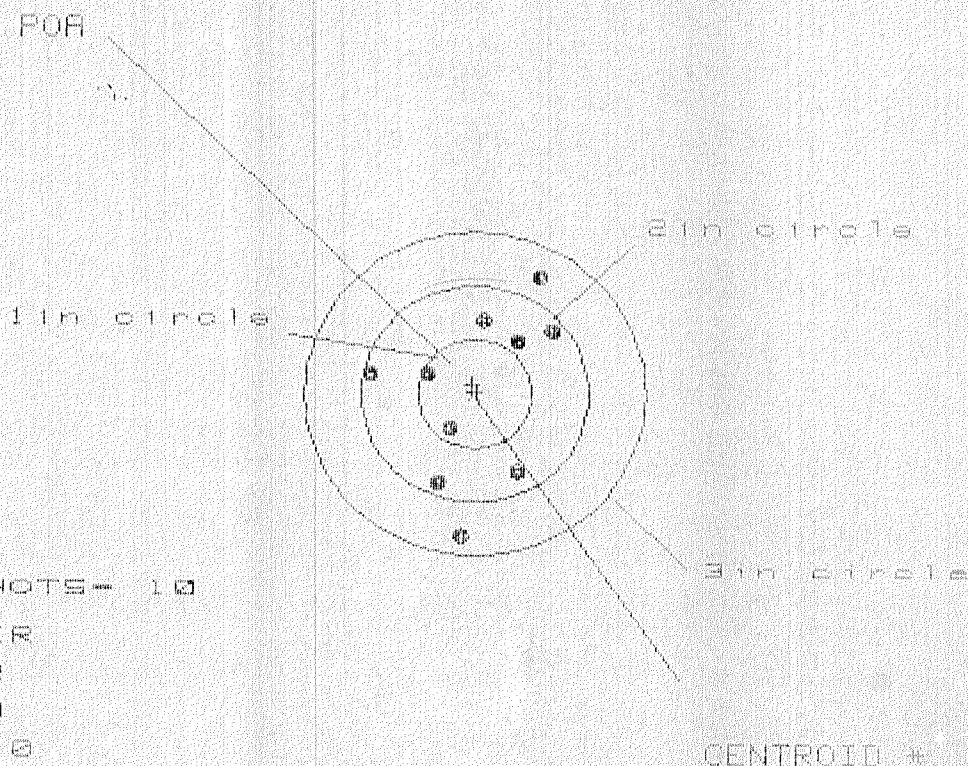
5# <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0262
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0768
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .081146
THE ANR FOR THIS RIFLE IS: .8852

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE/PATT/06065988

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.640

VS= 2.385

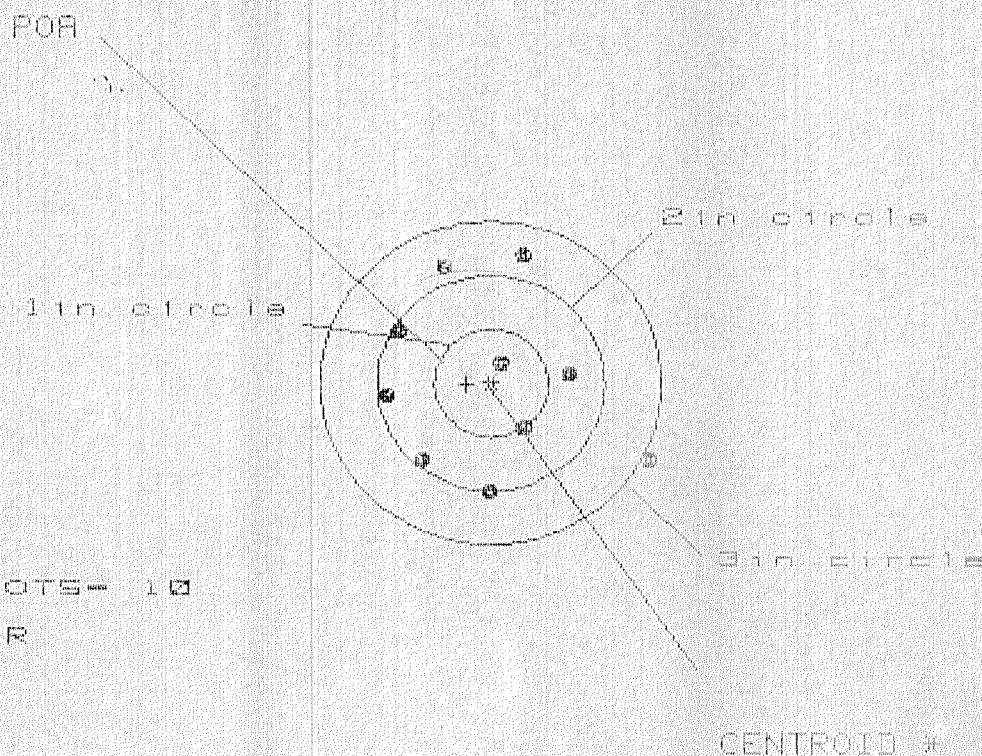
GS= 2.507

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.678	.660	.734
MINIMUM X	-.962	-.980	-.906
MAXIMUM Y	1.060	.913	.678
MINIMUM Y	-1.325	-.963	-.849
CENTROID X	.024	.042	-.032
CENTROID Y	-.086	.061	-.053
POA TO CENTROID in.	.090	.074	.062
MIN RADIUS	.359	.405	.348
MEAN RADIUS	.815	.745	.692
MAX RADIUS	1.334	1.089	.916
HORIZONTAL SPREAD	1.640	1.640	1.640
VERTICAL SPREAD	2.385	1.876	1.527
EXTREME SPREAD	2.507	2.108	1.732
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/066659B3

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.217

VS= 2.194

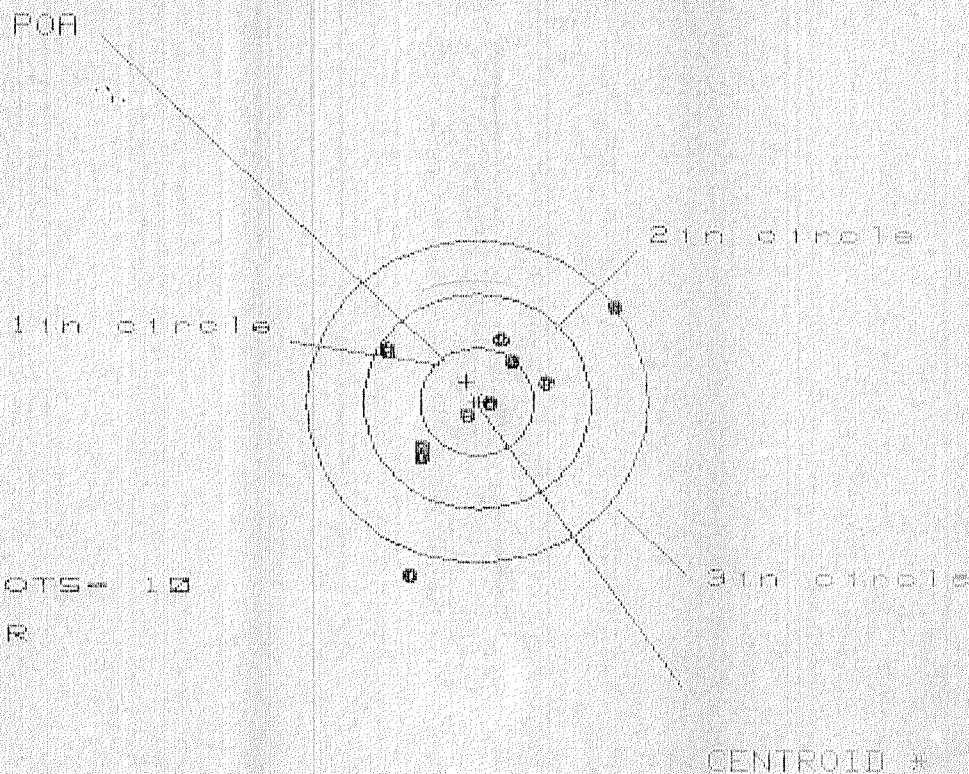
GS= 2.475

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.339	.847	.902
MINIMUM X	-.978	-.730	-.675
MAXIMUM Y	1.185	1.103	1.106
MINIMUM Y	-1.009	-1.091	-.953
CENTROID X	.215	.067	.012
CENTROID Y	.008	.090	-.048
POA TO CENTROID in.	.215	.112	.049
MIN RADIUS	.242	.283	.409
MEAN RADIUS	.905	.831	.779
MAX RADIUS	1.528	1.186	1.119
HORIZONTAL SPREAD	2.217	1.577	1.577
VERTICAL SPREAD	2.194	2.194	2.059
EXTREME SPREAD	2.475	2.219	2.085
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6605963

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.053

VS= 2.497

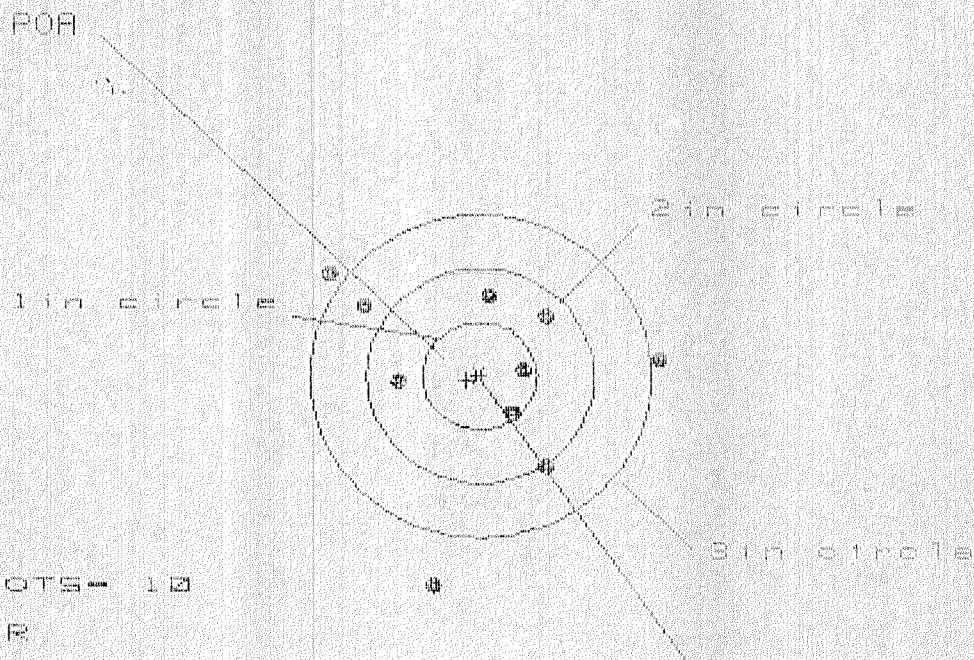
GS= 3.103

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.254	1.188	.668
MINIMUM X	-.799	-.865	-.716
MAXIMUM Y	.905	.729	.481
MINIMUM Y	-1.592	-.653	-.562
CENTROID X	.090	.156	.007
CENTROID Y	-.183	-.007	-.098
POA TO CENTROID in.	.204	.156	.098
MIN RADIUS	.140	.160	.225
MEAN RADIUS	.760	.646	.551
MAX RADIUS	1.697	1.394	.818
HORIZONTAL SPREAD	2.053	2.053	1.384
VERTICAL SPREAD	2.497	1.382	1.043
EXTREME SPREAD	3.103	2.239	1.406
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		8	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665983

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.836

VS= 2.892

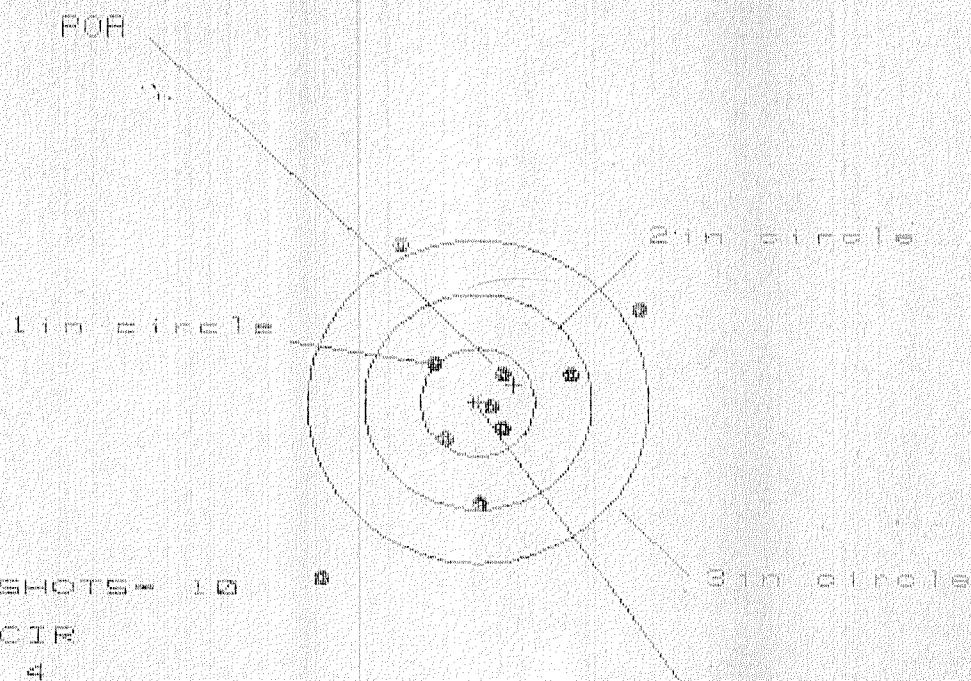
GS= 3.036

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.538	1.497	1.330
MINIMUM X	:	-1.297	-1.339	-1.259
MAXIMUM Y	:	.994	.783	.626
MINIMUM Y	:	-1.898	-1.096	-.998
CENTROID X	:	.119	.161	.328
CENTROID Y	:	.041	.252	.154
POA TO CENTROID in.	:	.126	.299	.363
MIN RADIUS	:	.372	.373	.180
MEAN RADIUS	:	1.047	.928	.818
MAX RADIUS	:	1.934	1.551	1.363
HORIZONTAL SPREAD	:	2.836	2.836	2.589
VERTICAL SPREAD	:	2.892	1.879	1.624
EXTREME SPREAD	:	3.036	2.966	2.639
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

29 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/066859B3

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 7

HS = 2.795

VS = 3.130

GS = 3.767

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.383	1.227	.775
MINIMUM X	-1.412	-1.868	-1.715
MAXIMUM Y	1.460	1.274	1.358
MINIMUM Y	-1.670	-1.139	-1.055
CENTROID X	-.317	-.161	-.314
CENTROID Y	-.164	.022	-.062
POA TO CENTROID in.	.357	.162	.320
MIN RADIUS	.114	.155	.175
MEAN RADIUS	.899	.752	.657
MAX RADIUS	2.187	1.542	1.535
HORIZONTAL SPREAD	2.795	2.095	1.490
VERTICAL SPREAD	3.130	2.413	2.413
EXTREME SPREAD	3.767	2.530	2.530
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		