

FORM

UPC



0 47700 25716 7

06665768

*INCLUDES 1 IN CHAMBER

MODEL 700™ M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665768

ORDER NO.

5716

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

20



5716 C6665768

ORDER 5716

MODEL 700TM M24

UPC

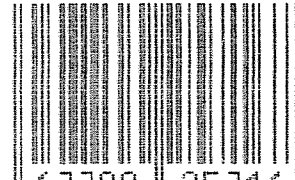


0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665 768

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
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	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/16/91	JY

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/16/91	SL
	G) Safety Off Force	3	3	3			10/16/91	SL
	H) Trigger Pull Test & Retainability						10/16/91	SL
	I) Firing Pin Indent	.020	.020	.0205			10/16/91	SL
	J) Assemble Stock						10/17/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/17/91	RW
	M) Iron Sight Alignment						10/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/91	RW
	O) Attach Scope to Rifle						10/17/91	RW
	P) Detach & Attach Scope 20 Times						10/17/91	RW
640	Gallery Target & Test						10-18-91	AC
	A) Time						10-18-91	AC
	B) Malfunctions						10-18-91	AC
	C) Pierced Primers						10-18-91	AC
	D) Optical Clarity of Scope						10-18-91	AC
645	Inspect for Live Ammo						10-18-91	AC
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	2.04	2.15	2.13	2.19	2.15	10-22-91	DLH
	C) Function						10-22-91	AC
660	Pack						12-17-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665768

DATE 10/16/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.37	2.38	2.04	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.39	2.26	2.15	
PULL #3	2.36	2.43	2.31	2.13	
PULL #4	2.39	2.38	2.39	2.19	
PULL #5	2.47	2.25	2.39	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.31		
PULL #2	3.41	3.40		
PULL #3	3.43	3.49		
PULL #4	3.49	3.46		
PULL #5	3.43	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.60	4.40		4.36
PULL #2	4.66	4.40		4.36
PULL #3	4.56	4.20		4.32
PULL #4	4.27	4.15		4.20
PULL #5	4.45	4.34		4.15
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665768
18 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.190158
1 TO 2	.240277
1 TO 3	.203531
1 TO 4	.360806
1 TO 5	.406341

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0654
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184575

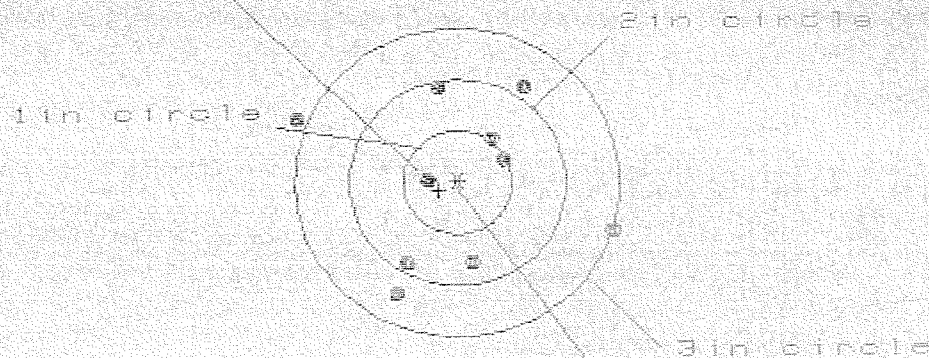
THE AMR FOR THIS RIFLE IS: .7884

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT-08865768

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.920

VS= 2.073

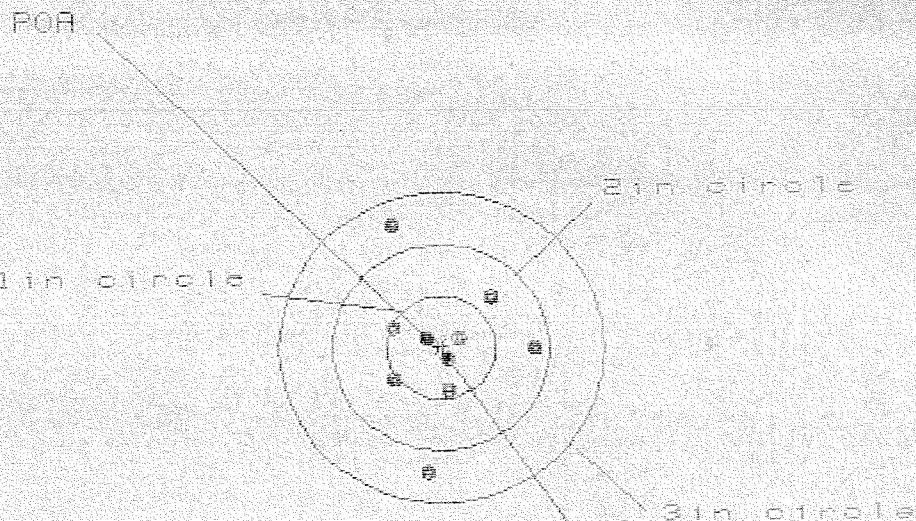
GS= 3.147

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.310	.583
MINIMUM X	:	-1.449	-1.705	-.541
MAXIMUM Y	:	.958	1.032	.976
MINIMUM Y	:	-1.115	-1.041	-1.097
CENTROID X	:	.176	.337	.173
CENTROID Y	:	.072	-.001	.055
POA TO CENTROID in.	:	.190	.337	.182
MIN RADIUS	:	.237	.345	.238
MEAN RADIUS	:	.938	.864	.780
MAX RADIUS	:	1.591	1.383	1.223
HORIZONTAL SPREAD	:	2.920	2.015	1.124
VERTICAL SPREAD	:	2.073	2.073	2.073
EXTREME SPREAD	:	3.147	2.313	2.313
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

18 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/G6685788

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 1.386

VS= 2.429

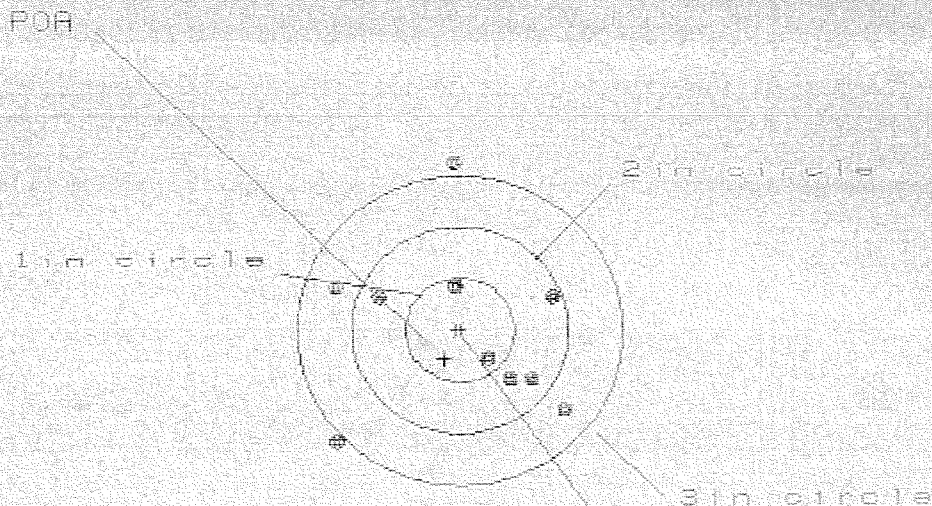
GS= 2.445

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.907	.859	.832
MINIMUM X	:	-.479	-.527	-.554
MAXIMUM Y	:	1.209	.655	.519
MINIMUM Y	:	-1.220	-1.085	-.425
CENTROID X	:	-.062	-.014	.013
CENTROID Y	:	.105	-.030	.106
POA TO CENTROID in.	:	.122	.033	.187
MIN RADIUS	:	.109	.010	.093
MEAN RADIUS	:	.600	.515	.435
MAX RADIUS	:	1.286	1.106	.833
HORIZONTAL SPREAD	:	1.386	1.386	1.386
VERTICAL SPREAD	:	2.429	1.740	.944
EXTREME SPREAD	:	2.445	1.844	1.421
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT-06685758

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.067

VS= 2.674

GS= 2.890

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.930
MINIMUM X	-1.137
MAXIMUM Y	1.627
MINIMUM Y	-1.047
CENTROID X	.144
CENTROID Y	.273
POA TO CENTROID in.	.309
MIN RADIUS	.365
MEAN RADIUS	.944
MAX RADIUS	1.627
HORIZONTAL SPREAD	2.067
VERTICAL SPREAD	2.674
EXTREME SPREAD	2.890
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

18 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/08085768

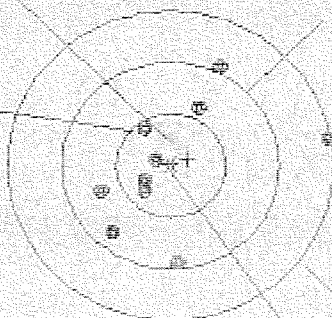
CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 2.113

VS= 1.851

GS= 2.235

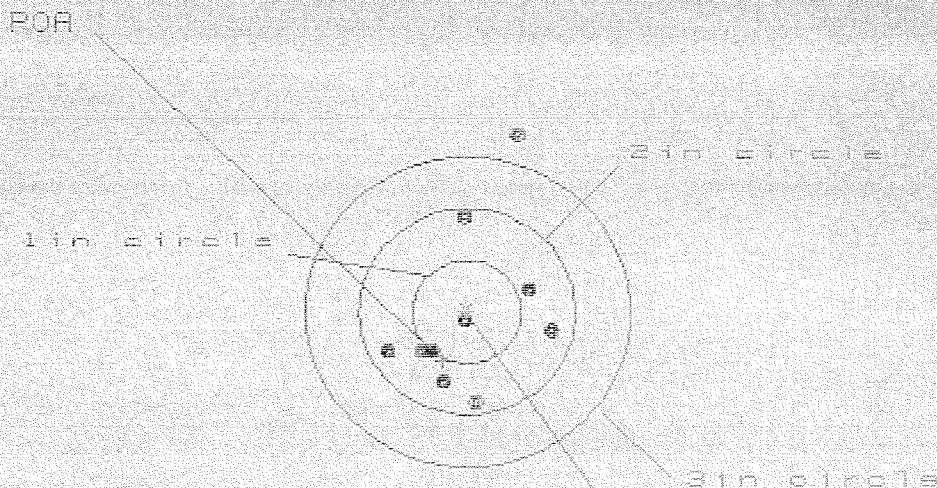
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.439	.575	.504
MINIMUM X	-.674	-.514	-.443
MAXIMUM Y	.934	.966	.709
MINIMUM Y	-.917	-.885	-.764
CENTROID X	-.159	-.319	-.398
CENTROID Y	-.062	-.094	-.215
POA TO CENTROID in.	.170	.332	.446
MIN RADIUS	.161	.071	.029
MEAN RADIUS	.690	.551	.453
MAX RADIUS	1.468	1.124	.870
HORIZONTAL SPREAD	2.113	1.089	.947
VERTICAL SPREAD	1.851	1.851	1.473
EXTREME SPREAD	2.235	1.886	1.492
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08065758

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.557

VS= 2.571

GS= 2.602

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.783	.831	.937
MINIMUM X	:	-.774	-.726	-.720
MAXIMUM Y	:	1.734	1.144	.561
MINIMUM Y	:	-.837	-.644	-.581
CENTROID X	:	.228	.180	.174
CENTROID Y	:	.475	.282	.139
POA TO CENTROID in.	:	.527	.335	.223
MIN RADIUS	:	.113	.105	.237
MEAN RADIUS	:	.770	.606	.519
MAX RADIUS	:	1.788	1.145	.845
HORIZONTAL SPREAD	:	1.557	1.557	1.557
VERTICAL SPREAD	:	2.571	1.788	1.862
EXTREME SPREAD	:	2.602	1.788	1.564
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	9		