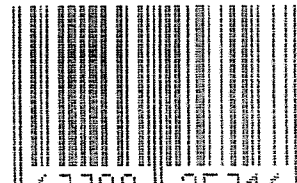


FOI(b)(7)

UPC



0 47700 25716 7

05665779

INCLUDED IN VOLUME

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665779

ORDER NO.

5716

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

20



5716 C6665779

ORDER 5716

MODEL 700TM M24

UPC

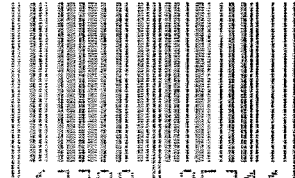
ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665779

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KR
600	Proof		9/23/91	KR
607	Check Headspace		9/23/91	KR
610	Dis-assemble Gun		9/23/91	KR
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	JS
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10-8-91	JA
	Apply Coating (Bolt)		10-8-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	RW
	C) Inspect Ejector Hole for Chamfer		10/8/91	RW
	D) Oil Firing Pin Ass'y		10/8/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10-8-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6 6			10/8/91	Rw
	G) Safety Off Force	3	2 1/2	2 1/2			10/8/91	Rw
	H) Trigger Pull Test & Retainability						10-8-91	JH
	I) Firing Pin Indent	.023	.022	.023			10/8/91	Rw
	J) Assemble Stock	 					10/9/91	Rw
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/9/91	Rw
	M) Iron Sight Alignment						10/9/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						10/9/91	Rw
	O) Attach Scope to Rifle						10/9/91	Rw
	P) Detach & Attach Scope 20 Times						10/9/91	Rw
640	Gallery Target & Test						10-11-91	DH
	A) Time						10-11-91	DH
	B) Malfunctions						10-11-91	DH
	C) Pierced Primers						10-11-91	DH
	D) Optical Clarity of Scope						10-11-91	DH
645	Inspect for Live Ammo						10-11-91	DH
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	2.52	2.55	2.56	2.60	2.57	10-11-91	DH
	C) Function						10-17-91	AC
660	Pack						12-17-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665779

DATE 10-8-91

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.57	2.54	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.53	2.50	2.55	
PULL #3	2.55	2.52	2.48	2.56	
PULL #4	2.53	2.43	2.48	2.60	
PULL #5	2.47	2.44	2.40	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.68	3.48		
PULL #2	3.66	3.57		
PULL #3	3.48	3.66		
PULL #4	3.67	3.69		
PULL #5	3.66	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.55		4.34
PULL #2	4.21	4.38		4.30
PULL #3	4.13	4.58		4.29
PULL #4	4.45	4.47		4.24
PULL #5	4.57	4.30		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665779
14 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.45326
1 TO 2	.672334
1 TO 3	.473173
1 TO 4	.902222
1 TO 5	.888079

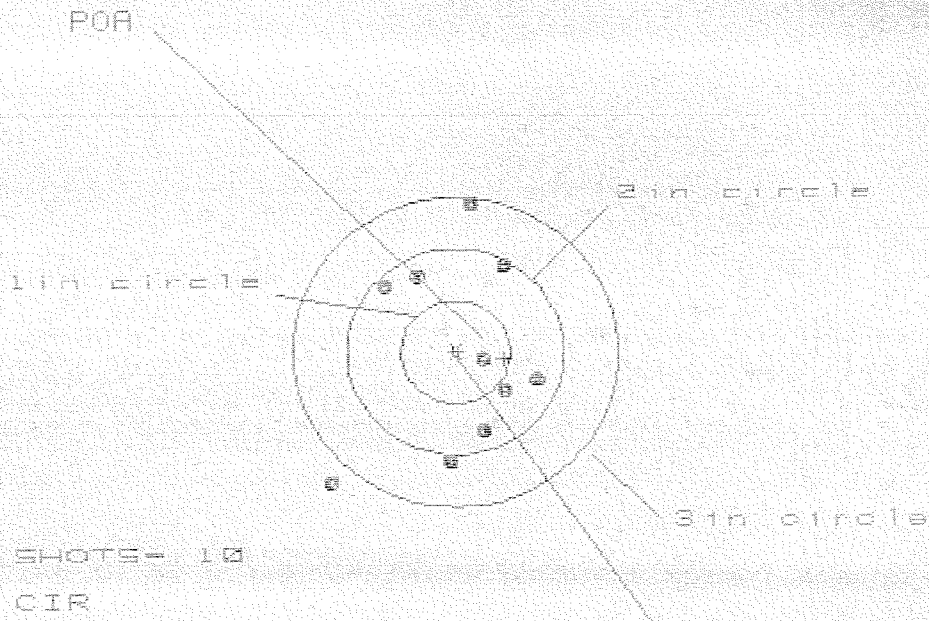
$\frac{32^4}{1+}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0584
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .330003
THE AMR FOR THIS RIFLE IS: .0710

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865729

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.861

VS= 2.740

GS= 3.005

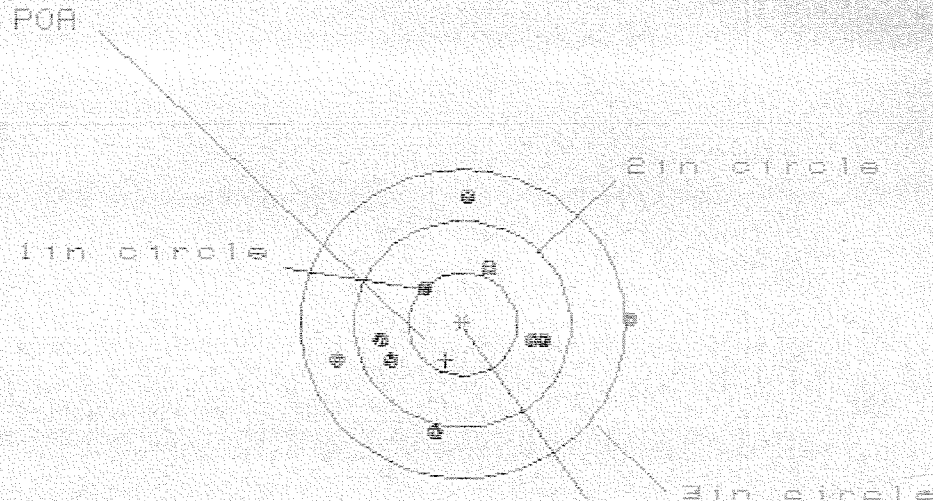
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.728	.602	.599
MINIMUM X	-1.133	-.819	-.822
MAXIMUM Y	1.458	1.316	.868
MINIMUM Y	-1.282	-1.164	-.999
CENTROID X	-.449	-.323	-.320
CENTROID Y	.062	.205	.040
POA TO CENTROID in.	.453	.383	.323
MIN RADIUS	.246	.206	.115
MEAN RADIUS	.933	.826	.736
MAX RADIUS	1.710	1.316	1.038
HORIZONTAL SPREAD	1.861	1.421	1.421
VERTICAL SPREAD	2.740	2.480	1.867
EXTREME SPREAD	3.005	2.486	1.937
NUMBER IN ONE INCH CIRCLE	= 1	= 1	= 1
NUMBER IN TWO INCH CIRCLE	= 7	= 7	= 7
NUMBER IN THREE INCH CIRCLE	= 9	= 9	= 9

14 Oct 1991

FILE: <PATTERNING/CENTERFIRE_PATT/C6665729

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.681

VS= 2.232

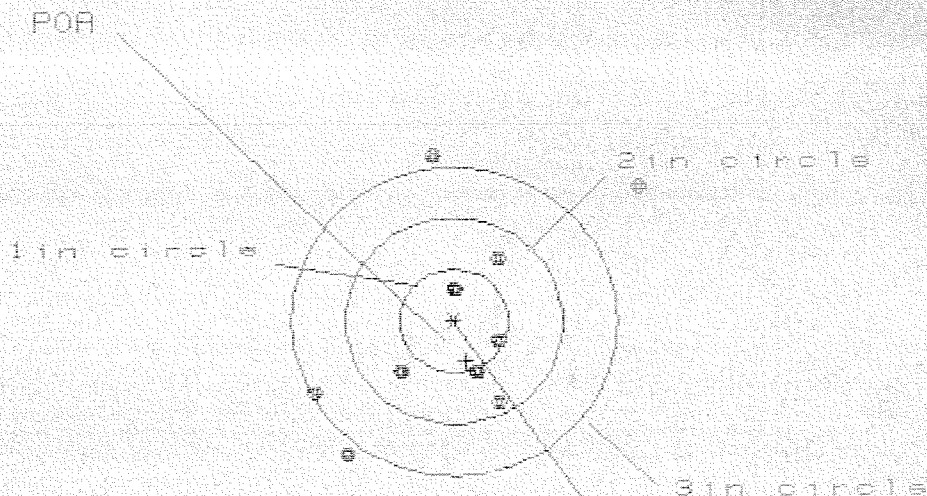
GS= 2.716

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.551	.885	.906
MINIMUM X	:	-1.130	-.958	-.937
MAXIMUM Y	:	1.215	1.223	.705
MINIMUM Y	:	-1.017	-1.009	-.856
CENTROID X	:	.159	-.013	-.034
CENTROID Y	:	.349	.341	.128
POA TO CENTROID in.	:	.384	.341	.191
MIN RADIUS	:	.489	.395	.451
MEAN RADIUS	:	.900	.807	.747
MAX RADIUS	:	1.553	1.234	.957
HORIZONTAL SPREAD	:	2.691	1.843	1.843
VERTICAL SPREAD	:	2.232	2.232	1.561
EXTREME SPREAD	:	2.716	2.250	1.854
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

(4 Oct 1991)

FILE: PATTERNING/CENTERFIRE_PATT/06685729

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.956

VS= 2.907

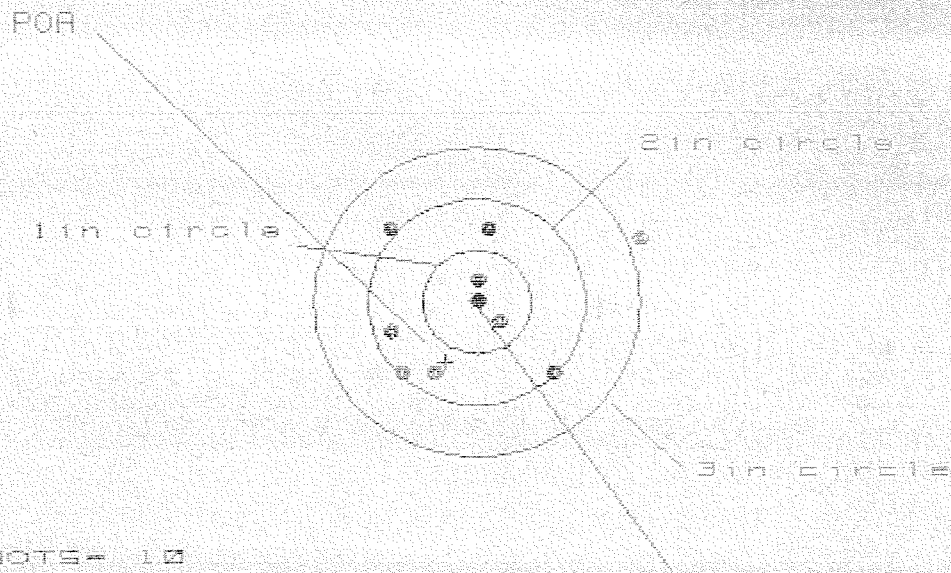
GS= 3.712

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.671	1.580	1.574
MINIMUM X	:	-1.285	-1.099	-1.105
MAXIMUM Y	:	1.635	1.785	1.010
MINIMUM Y	:	-1.272	-1.122	-1.899
CENTROID X	:	-.107	-.293	-.237
CENTROID Y	:	.389	.239	.016
POA TO CENTROID in.	:	.403	.378	.297
MIN RADIUS	:	.305	.456	.339
MEAN RADIUS	:	1.042	.912	.775
MAX RADIUS	:	2.145	1.785	1.192
HORIZONTAL SPREAD	:	2.956	1.679	1.679
VERTICAL SPREAD	:	2.907	2.907	1.909
EXTREME SPREAD	:	3.712	2.996	2.336
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

14 Oct 1991

FILE:/PATTERNS/CENTERFIRE_PATT/CBB65729

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.293

VS= 1.447

GS= 2.537

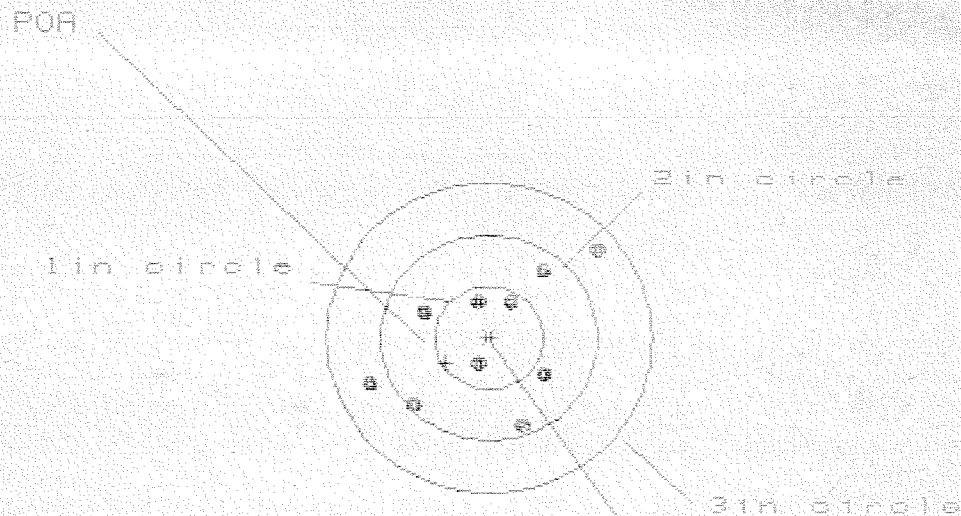
CENTROID X

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.497	.893	.814
MINIMUM X	:	-.796	-.630	-.689
MAXIMUM Y	:	.762	.835	.939
MINIMUM Y	:	-.685	-.612	-.508
CENTROID X	:	.289	.123	.202
CENTROID Y	:	.531	.508	.404
POA TO CENTROID in.	:	.649	.523	.452
MIN RADIUS	:	.065	.231	.263
MEAN RADIUS	:	.751	.661	.604
MAX RADIUS	:	1.635	1.083	.960
HORIZONTAL SPREAD	:	2.293	1.523	1.503
VERTICAL SPREAD	:	1.447	1.447	1.447
EXTREME SPREAD	:	2.537	2.099	1.663
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8569729

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 2.079

VS= 1.638

GS= 2.430

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	.645	.528
MINIMUM X	:	-1.050	-.936	-.656
MAXIMUM Y	:	.834	.743	.701
MINIMUM Y	:	-.804	-.711	-.753
CENTROID X	:	.400	.285	.402
CENTROID Y	:	.243	.150	.192
POA TO CENTROID in.	:	.468	.322	.446
MIN RADIUS	:	.234	.117	.191
MEAN RADIUS	:	.733	.659	.610
MAX RADIUS	:	1.324	.993	.901
HORIZONTAL SPREAD	:	2.079	1.581	1.184
VERTICAL SPREAD	:	1.638	1.454	1.454
EXTREME SPREAD	:	2.430	1.882	1.749
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	