

FORM

UPC



0 47700 25716 2

06666010

CAT NO. 1
•INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6666010

ORDER NO.

5716

20

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



5716 C6666010

ORDER 5716

MODEL 700 TM M24

UPC

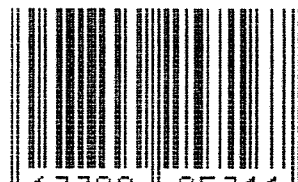
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

Bolt
Handle
slot

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666010

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KK
600	Proof		9/25/91	KK
607	Check Headspace		9/25/91	KK
610	Dis-assemble Gun		9/25/91	KK
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GS
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)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KK
	C) Inspect Ejector Hole for Chamfer		10/18/91	KK
	D) Oil Firing Pin Ass'y		10/18/91	KK
	E) Adjust Trigger Pull to Min Setting and Stake		10/21/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{1}{2}$	5 $\frac{3}{4}$	5 $\frac{1}{2}$			10-22-91	DH
	G) Safety Off Force	3	3	3			10-22-91	DH
	H) Trigger Pull Test & Retainability						10/21/91	JH
	I) Firing Pin Indent	.020	.020	.020			10-22-91	DH
	J) Assemble Stock						10/22/91	YH
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/22/91	YH
	M) Iron Sight Alignment						10/22/91	YH
	N) Detach Front & Rear Sights & place in numbered container						10/22/91	YH
	O) Attach Scope to Rifle						10/22/91	YH
	P) Detach & Attach Scope 20 Times						10/22/91	YH
640	Gallery Target & Test						10-23-91	DH
	A) Time						10-23-91	DH
	B) Malfunctions						10-23-91	DH
	C) Pierced Primers						10-23-91	DH
	D) Optical Clarity of Scope						10-23-91	DH
645	Inspect for Live Ammo						10-23-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	240	234	234	232	231	10-24-91	DH
	C) Function						10-30-91	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-6666010
DATE 10/21/91
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.40	2.48	240	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.31	2.40	234	
PULL #3	2.35	2.31	2.43	234	
PULL #4	2.29	2.36	2.48	232	
PULL #5	2.41	2.45	2.44	231	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.41		
PULL #2	3.25	3.41		
PULL #3	3.47	3.42		
PULL #4	3.45	3.35		
PULL #5	3.43	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.28		4.36
PULL #2	4.40	4.32		4.40
PULL #3	4.35	4.41		4.41
PULL #4	4.33	4.28		4.44
PULL #5	4.38	4.28		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # D6666010
24 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.346485
1 TO	2	.615462
1 TO	3	.227903
1 TO	4	.091586
1 TO	5	.345172

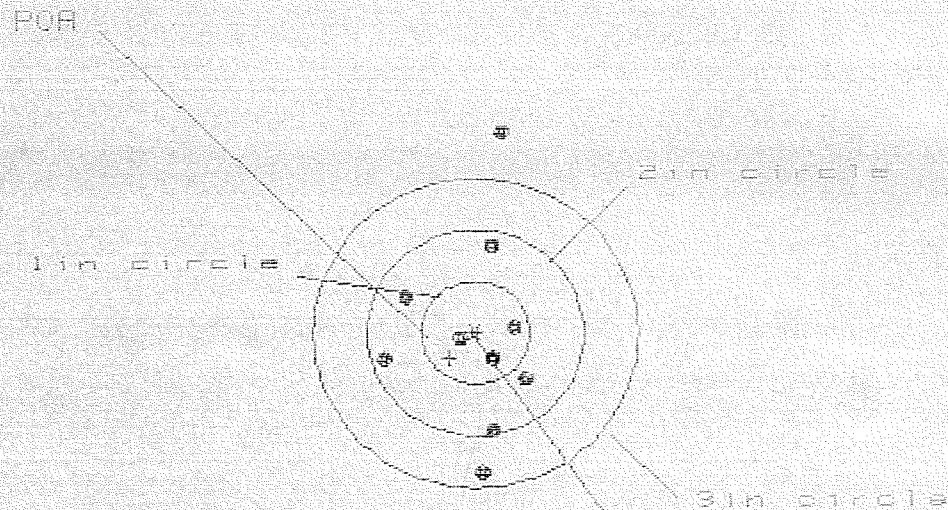
24³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .126
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1638
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206655
THE AMR FOR THIS RIFLE IS: .8664

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C868B010

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.375

VS= 3.286

GS= 3.293

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.484	.512	.521
MINIMUM X	:	-.891	-.863	-.854
MAXIMUM Y	:	1.990	1.867	.933
MINIMUM Y	:	-1.295	-1.075	-.836
CENTROID X	:	.244	.216	.207
CENTROID Y	:	.246	.025	.169
POA TO CENTROID in.	:	.347	.218	.262
MIN RADIUS	:	.120	.217	.102
MEAN RADIUS	:	.827	.678	.614
MAX RADIUS	:	2.006	1.080	.949
HORIZONTAL SPREAD	:	1.375	1.375	1.375
VERTICAL SPREAD	:	3.286	2.142	1.768
EXTREME SPREAD	:	3.293	2.144	1.769
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

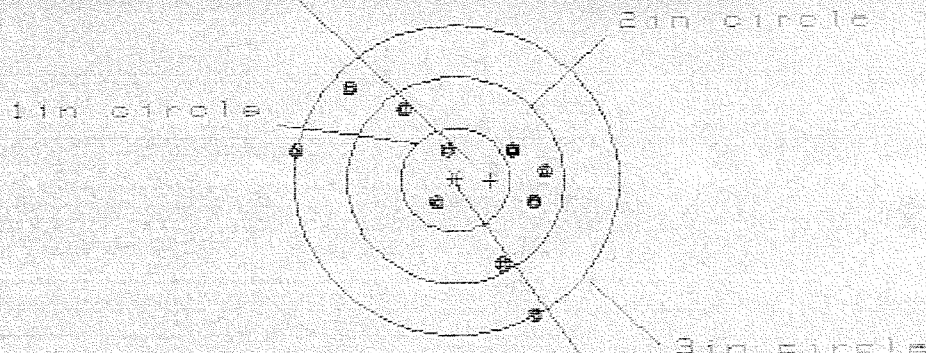
24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666010

CENTERFIRE PATTERNS

2

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.334

VS= 2.200

GS= 2.777

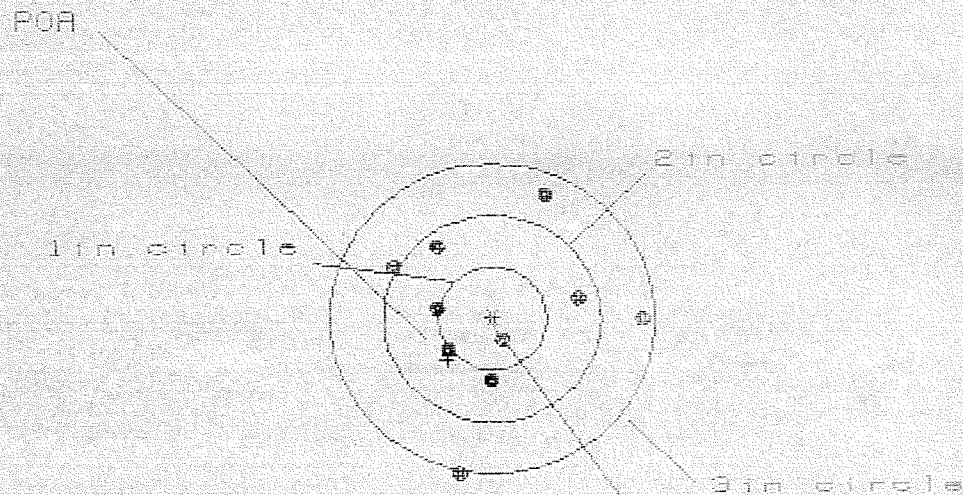
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.662	.738
MINIMUM X	:	-1.504	-1.152	-1.084
MAXIMUM Y	:	.981	.934	.776
MINIMUM Y	:	-1.380	-1.266	-.931
CENTROID X	:	-.324	-.157	-.225
CENTROID Y	:	.009	-.024	.134
POB TO CENTROID in.	:	.325	.159	.262
MIN RADIUS	:	.262	.355	.189
MEAN RADIUS	:	.878	.787	.700
MAX RADIUS	:	1.535	1.483	1.333
HORIZONTAL SPREAD	:	2.334	1.814	1.814
VERTICAL SPREAD	:	2.200	2.200	1.707
EXTREME SPREAD	:	2.777	2.777	2.213
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.292

VS= 2.794

GS= 2.901

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.339	1.307	1.364
MINIMUM X	:	-.953	-.985	-.928
MAXIMUM Y	:	1.248	1.077	.622
MINIMUM Y	:	-1.546	-.805	-.671
CENTROID X	:	.412	.444	.387
CENTROID Y	:	.400	.572	.438
POA TO CENTROID in.	:	.575	.725	.584
MIN RADIUS	:	.224	.373	.268
MEAN RADIUS	:	.884	.820	.742
MAX RADIUS	:	1.573	1.324	1.366
HORIZONTAL SPREAD	:	2.292	2.292	2.292
VERTICAL SPREAD	:	2.794	1.882	1.293
EXTREME SPREAD	:	2.901	2.356	2.356
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Oct 1991

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.831

VS= 2.590

GS= 2.831

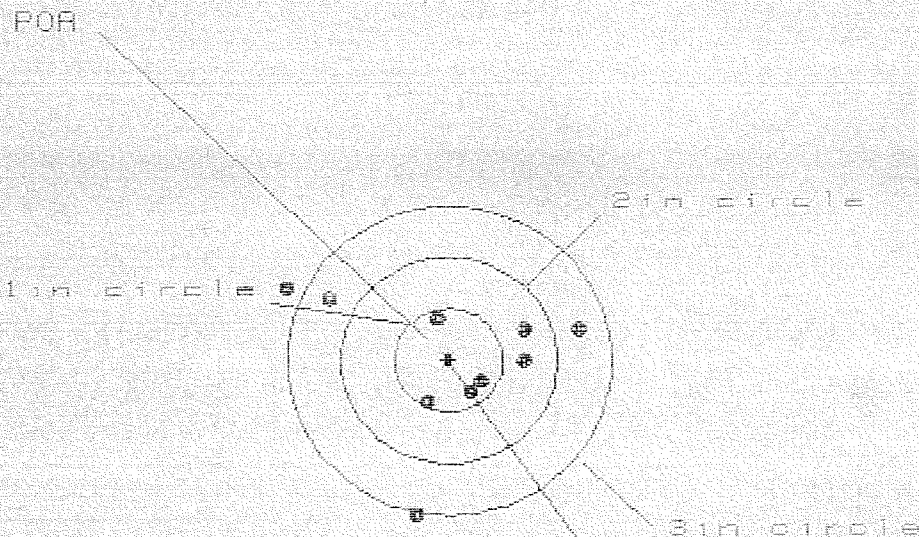
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.163	1.140	.928
MINIMUM X	-1.668	-1.691	-.919
MAXIMUM Y	.503	.271	.272
MINIMUM Y	-2.087	-.465	-.464
CENTROID X	.292	.315	.527
CENTROID Y	.168	.400	.399
POA TO CENTROID in.	.337	.510	.661
MIN RADIUS	.239	.050	.239
MEAN RADIUS	.860	.660	.512
MAX RADIUS	2.098	1.691	1.029
HORIZONTAL SPREAD	2.831	2.831	1.847
VERTICAL SPREAD	2.590	.736	.736
EXTREME SPREAD	2.831	2.831	1.921
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HS = 2.702

VS = 2.227

GS = 2.733

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.035	.995
MINIMUM X	:	-1.482	-1.222	-1.282
MAXIMUM Y	:	.726	.652	.474
MINIMUM Y	:	-1.501	-1.420	-1.523
CENTROID X	:	.006	.171	.331
CENTROID Y	:	-.004	-.085	.092
POR TO CENTROID in.	:	.007	.191	.249
MIN RADIUS	:	.366	.195	.304
MEAN RADIUS	:	.883	.753	.662
MAX RADIUS	:	1.650	1.501	1.367
HORIZONTAL SPREAD	:	2.702	2.277	2.277
VERTICAL SPREAD	:	2.227	2.072	.998
EXTREME SPREAD	:	2.733	2.382	2.291
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	