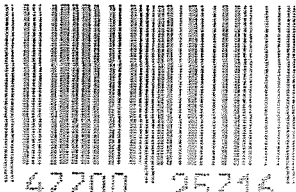


Smith
®

FORM

UPC



0 47700 25716 7

BARREL LENGTH
CAPACITY*
INCLUDES 1 IN CHAMBER
06655751

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665751

ORDER NO.

5716

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

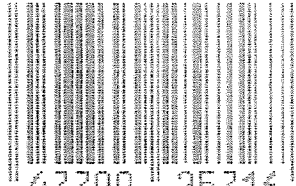


5716 C6665751

ORDER 5716

MODEL 700 TM M24

UPC

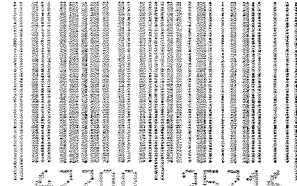


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665751

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	EB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	PA
	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		10/21/91	SM

BARBER - M24 0102076		READINGS			DATE	INIT		
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4	10/21/91	JK		
	G) Safety Off Force	3	3	3	10/21/91	JK		
	H) Trigger Pull Test & Retainability				10/21/91	JK		
	I) Firing Pin Indent	.0205	.021	.021	10/21/91	JK		
	J) Assemble Stock				10/24/91	RW		
	K) Assemble Swivel Studs				10-30-91	A		
	L) Attach Front and Rear Sight Assemblies				10/24/91	RW		
	M) Iron Sight Alignment				10/24/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/24/91	RW		
	O) Attach Scope to Rifle				10/24/91	RW		
	P) Detach & Attach Scope 20 Times				10/24/91	RW		
640	Gallery Target & Test				10-25-91	DH		
	A) Time				10-25-91	DH		
	B) Malfunctions				10-25-91	DH		
	C) Pierced Primers				10-25-91	DH		
	D) Optical Clarity of Scope				10-25-91	DH		
645	Inspect for Live Ammo				10-25-91	DH		
655	Final Inspection							
	A) Headspace				10-30-91	K		
	B) Trigger Pull	245	232	238	237	232	10-30-91	DH
	C) Function						10-30-91	A
660	Pack						12-17-91	NF

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665751DATE 10/21/91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.43	2.60	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.36	2.55	2.32	
PULL #3	2.29	2.29	2.50	2.38	
PULL #4	2.43	2.45	2.48	2.37	
PULL #5	2.22	2.66	2.58	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.27		
PULL #2	3.38	3.52		
PULL #3	3.51	3.27		
PULL #4	3.35	3.39		
PULL #5	3.60	3.65		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.53		4.41
PULL #2	4.54	4.53		4.51
PULL #3	4.42	4.22		4.48
PULL #4	4.62	4.50		4.57
PULL #5	4.51	4.49		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665751
25 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.0537122
1 TO	2	.0403113
1 TO	3	.207183
1 TO	4	.480017
1 TO	5	.333222

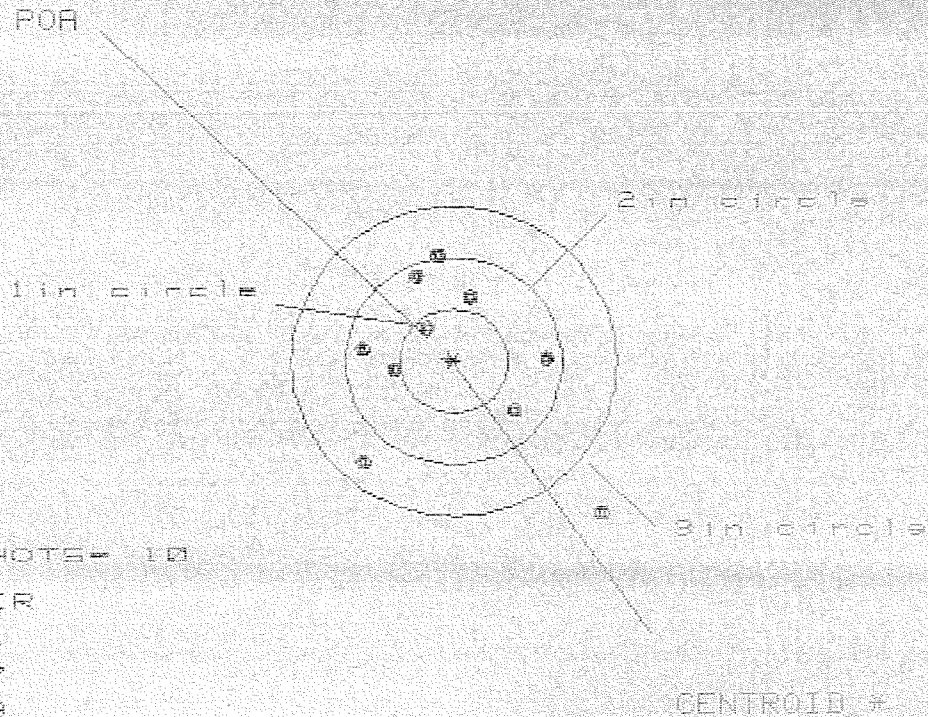
4.15 (---) FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .035931
THE AMR FOR THIS RIFLE IS: .95

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08085751

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.190

VS= 2.441

GS= 2.843

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.328	1.039	.950
MINIMUM X	-.862	-.715	-.884
MAXIMUM Y	1.017	.859	.723
MINIMUM Y	-1.424	-1.087	-.816
CENTROID X	.047	-.101	-.012
CENTROID Y	-.026	.132	.268
POA TO CENTROID in.	.053	.166	.268
MIN RADIUS	.358	.149	.140
MEAN RADIUS	.918	.748	.661
MAX RADIUS	1.947	1.299	.998
HORIZONTAL SPREAD	2.190	1.754	1.754
VERTICAL SPREAD	2.441	1.946	1.539
EXTREME SPREAD	2.843	2.078	1.762
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

25 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C8665751

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.475

VS= 2.783

GS= 2.949

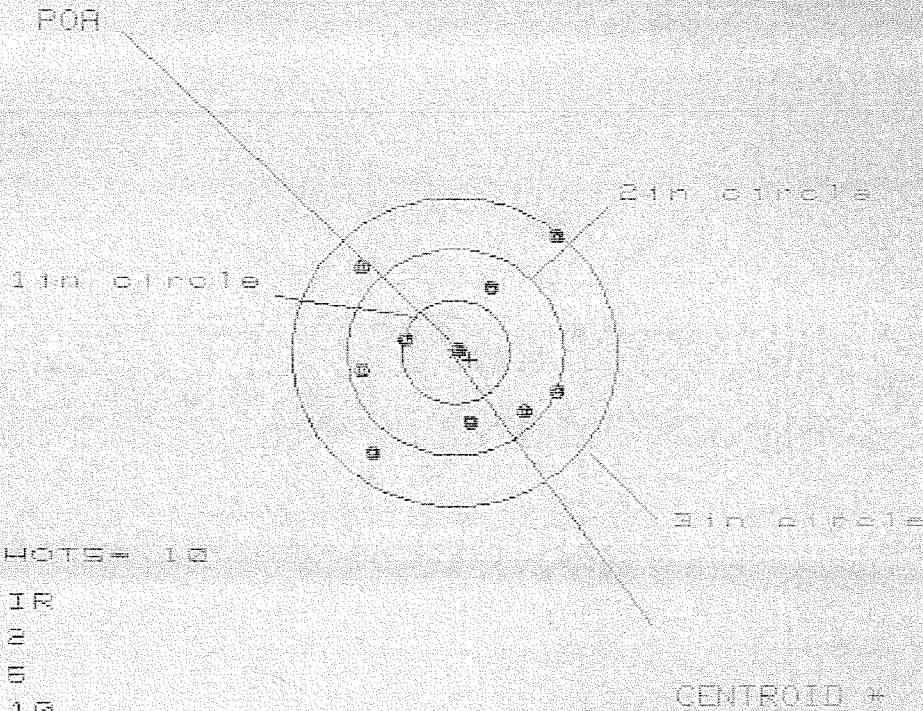
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.067	1.166
MINIMUM X	:	-1.390	-1.408	-1.389
MAXIMUM Y	:	1.227	1.054	.812
MINIMUM Y	:	-1.556	-1.215	-1.083
CENTROID X	:	.018	.036	-.063
CENTROID Y	:	-.054	.119	-.013
POA TO CENTROID in.	:	.057	.124	.064
MIN RADIUS	:	.618	.535	.538
MEAN RADIUS	:	1.056	.979	.940
MAX RADIUS	:	1.564	1.409	1.311
HORIZONTAL SPREAD	:	2.475	2.475	2.475
VERTICAL SPREAD	:	2.783	2.269	1.895
EXTREME SPREAD	:	2.949	2.511	2.511
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08605751

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 1.780

VS= 2.087

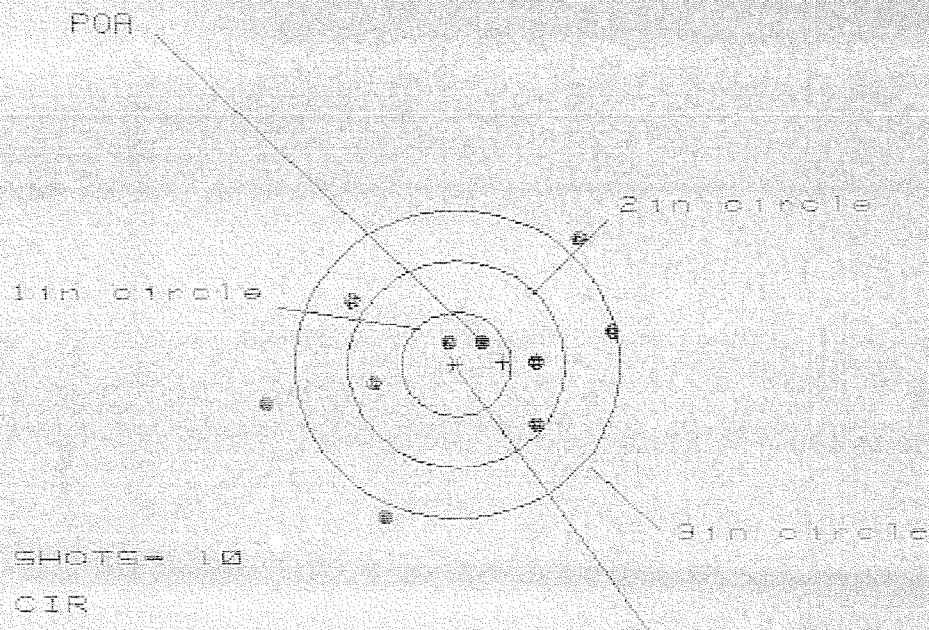
GS= 2.694

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	1.029	.943
MINIMUM X	-.852	-.751	-.837
MAXIMUM Y	1.091	.914	.804
MINIMUM Y	-.996	-.875	-.617
CENTROID X	-.135	-.236	-.150
CENTROID Y	.073	-.049	.061
POA TO CENTROID in.	.154	.241	.162
MIN RADIUS	.007	.151	.013
MEAN RADIUS	.838	.774	.711
MAX RADIUS	1.422	1.183	1.161
HORIZONTAL SPREAD	1.780	1.780	1.780
VERTICAL SPREAD	2.087	1.789	1.421
EXTREME SPREAD	2.694	2.134	2.134
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

25 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\CG665751

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 3.152

VS = 2.665

GS = 3.285

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.233	1.353
MINIMUM X	:	-1.727	-1.158	-1.838
MAXIMUM Y	:	1.208	1.165	.747
MINIMUM Y	:	-1.457	-1.500	-1.354
CENTROID X	:	-.433	-.241	-.361
CENTROID Y	:	-.022	.021	-.125
POA TO CENTROID in.	:	.434	.242	.382
MIN RADIUS	:	.223	.158	.338
MEAN RADIUS	:	1.066	.962	.909
MAX RADIUS	:	1.768	1.740	1.554
HORIZONTAL SPREAD	:	3.152	2.391	2.391
VERTICAL SPREAD	:	2.665	2.665	2.101
EXTREME SPREAD	:	3.285	3.238	2.790
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8863751

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.752

VS= 2.857

GS= 2.910

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.001	.953	.963
MINIMUM X	-.751	-.799	-.789
MAXIMUM Y	1.093	.897	.682
MINIMUM Y	-1.764	-1.106	-.994
CENTROID X	.373	.421	.411
CENTROID Y	-.095	.101	-.011
POA TO CENTROID in.	.385	.433	.412
MIN RADIUS	.214	.117	.160
MEAN RADIUS	.872	.733	.714
MAX RADIUS	1.816	1.114	1.019
HORIZONTAL SPREAD	1.752	1.752	1.752
VERTICAL SPREAD	2.857	2.003	1.676
EXTREME SPREAD	2.910	2.004	1.854
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	