

Smith
Snead®

FORM

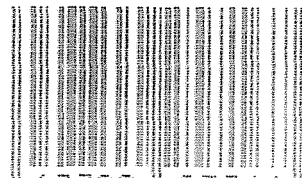
BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

06655751

UPC



0 47700 25716 7

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.

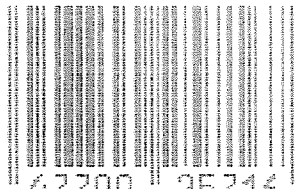


5716 C6665751

ORDER 5716

MODEL 700 TM M24

UPC

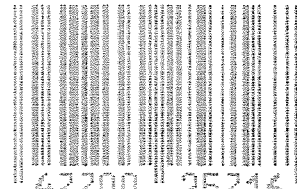


0 47700 25716 7

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	LG
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

op. #	OP. NAME	READINGS					DATE	INIT
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 TEST

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

SERIAL NO. C-6665751

DATE 10/21/91

TESTER 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

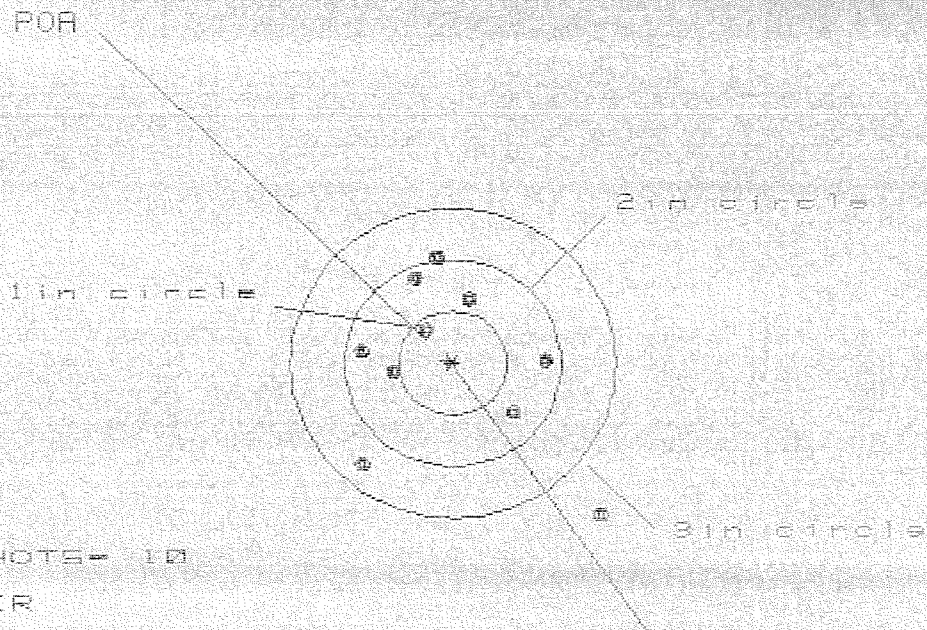
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .035931

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

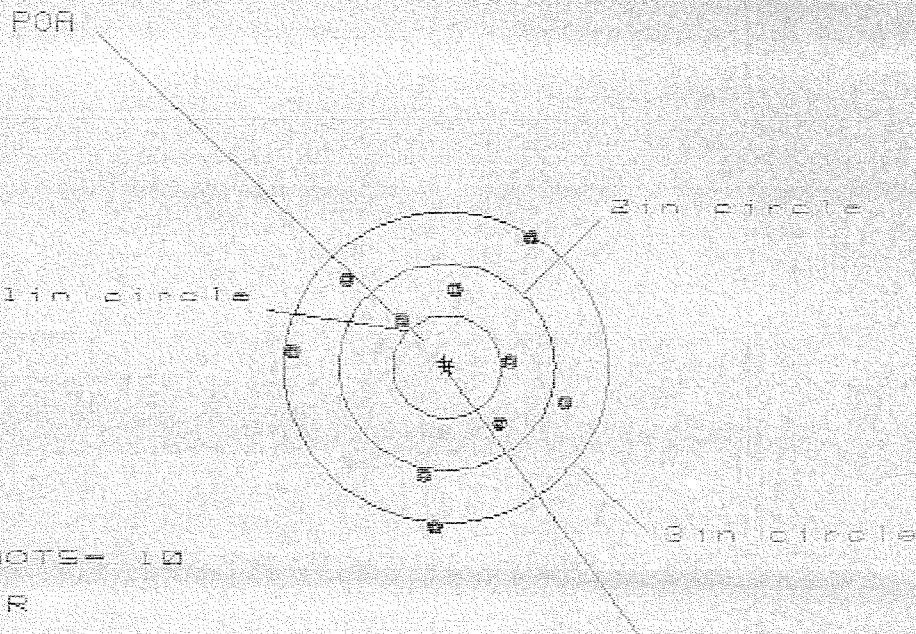
GS= 2.843

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



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.475

VS= 2.783

GS= 2.949

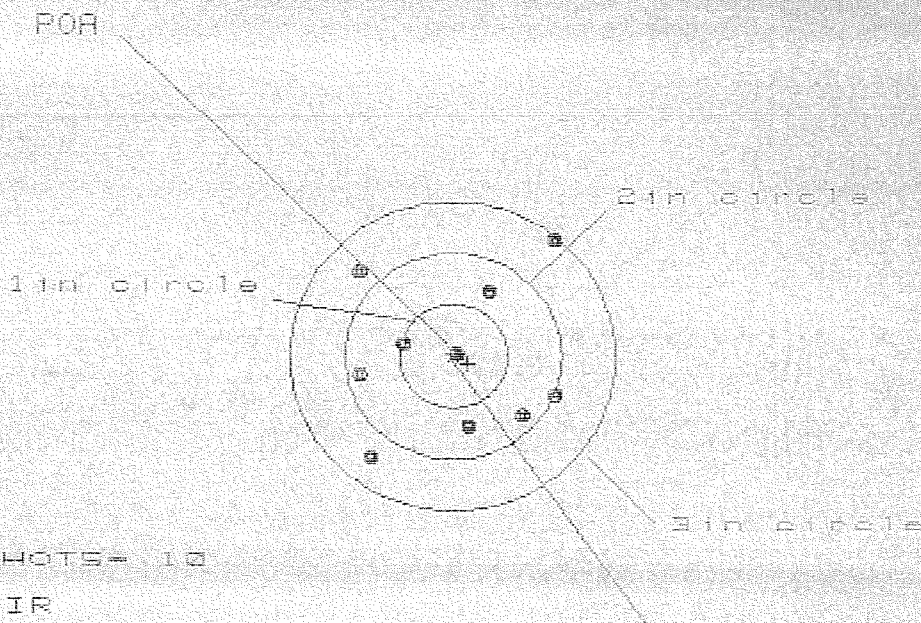
CENTROID *

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

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.780

VS= 2.087

GS= 2.694

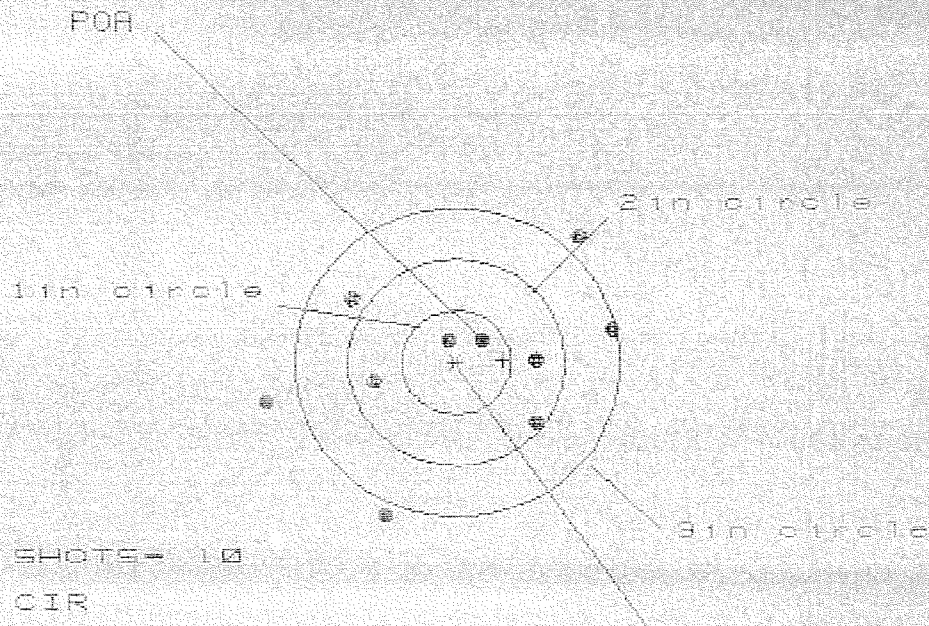
CENTROID #

PATTERN #	:	3		
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

1in = 2

2in = 5

3in = 7

HS= 3.152

VS= 2.665

GS= 3.285

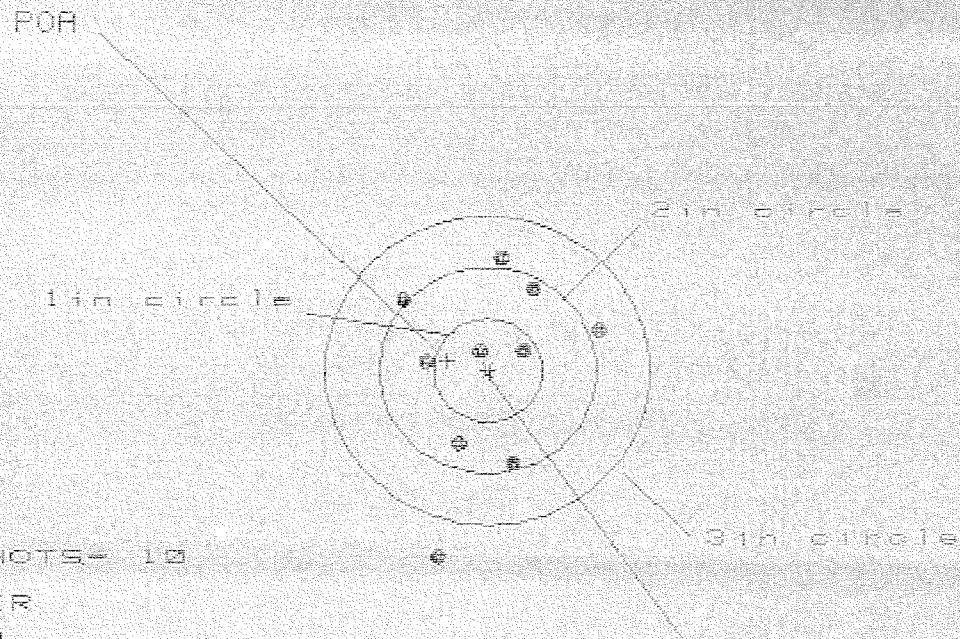
CENTROID +

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	2.181
EXTREME SPREAD	:	3.285	3.238	2.798
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



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.752

VS= 2.857

GS= 2.910

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	