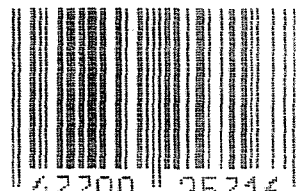


Smead
®

FORM

UPC



0 47700 25716 2

6665740

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665740

ORDER NO.

5716

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

20



5716 C6665740

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665740

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	FB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	HA
	Apply Coating (Bolt)			TS
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		10/22/91	HA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4	4 1/2			10-22-91	DH
	G) Safety Off Force	2	2	2			10-22-91	DH
	H) Trigger Pull Test & Retainability						10/22/91	HL
	I) Firing Pin Indent	.022	.023	.022			10-22-91	DH
	J) Assemble Stock						10/22/91	RW
	K) Assemble Swivel Studs						10-30-91	Ac
	L) Attach Front and Rear Sight Assemblies						10/22/91	RW
	M) Iron Sight Alignment						10/22/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/22/91	RW
	O) Attach Scope to Rifle						10/22/91	RW
	P) Detach & Attach Scope 20 Times						10/22/91	RW
640	Gallery Target & Test						10-22-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-22-91	NF
655	Final Inspection							
	A) Headspace						10-30-91	Ac
	B) Trigger Pull	249	246	258	253	255	10-23-91	DH
	C) Function						10-30-91	Ac
660	Pack						12-11-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665740
DATE 10/22/91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.59	2.50	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.34	2.55	2.46	
PULL #3	2.58	2.53	2.59	2.58	
PULL #4	2.50	2.56	2.51	2.53	
PULL #5	2.60	2.52	2.50	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.30		
PULL #2	3.50	3.38		
PULL #3	3.56	3.49		
PULL #4	3.44	3.52		
PULL #5	3.36	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.32		4.29
PULL #2	4.19	4.33		4.35
PULL #3	4.20	4.32		4.36
PULL #4	4.25	4.37		4.37
PULL #5	4.36	4.35		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665740
22 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.11411
1 TO 2	.180834
1 TO 3	.0877097
1 TO 4	.131034
1 TO 5	.143171

4 <---POA

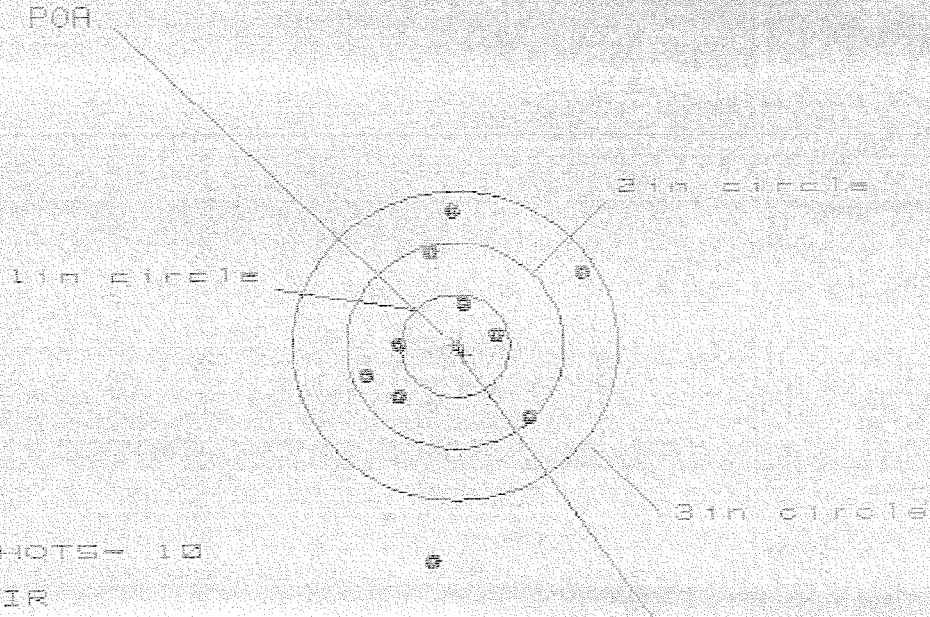
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104798

THE AMR FOR THIS RIFLE IS: .9208

22 Oct 1981

FILE: \PATTERNING\CENTERFIRE_PATT\06665740

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.879

VS= 3.419

CS= 3.425

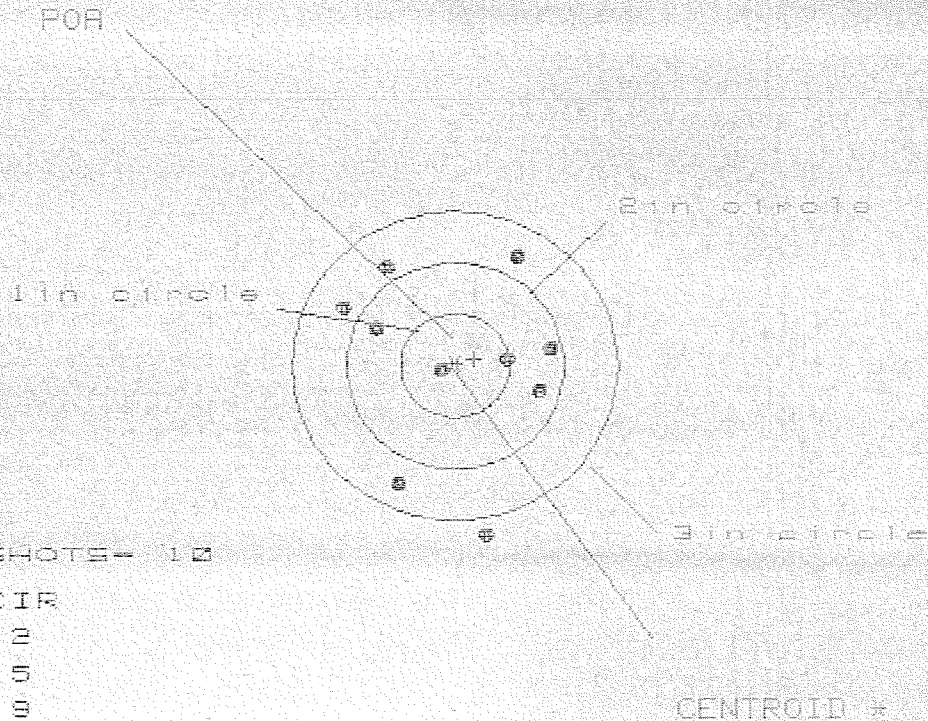
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.171	1.145	.824
MINIMUM X	-.868	-.834	-.698
MAXIMUM Y	1.334	1.103	1.169
MINIMUM Y	-2.085	-.943	-.877
CENTROID X	-.075	-.049	-.193
CENTROID Y	.086	.317	.251
POA TO CENTROID in.	.114	.321	.317
MIN RADIUS	.420	.233	.351
MEAN RADIUS	.972	.815	.750
MAX RADIUS	2.097	1.261	1.203
HORIZONTAL SPREAD	1.979	1.979	1.514
VERTICAL SPREAD	3.419	2.046	2.046
EXTREME SPREAD	3.425	2.255	2.172
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

28 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/06685740

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.933

VS= 2.612

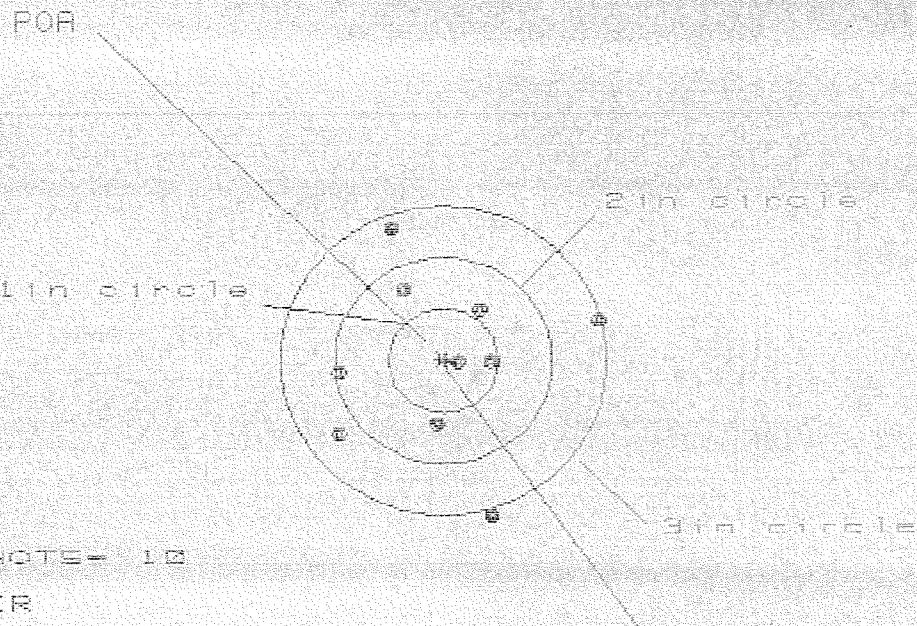
GS= 2.704

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.913	.948	.888
MINIMUM X	:	-1.020	-.985	-1.045
MAXIMUM Y	:	1.018	.840	.674
MINIMUM Y	:	-1.594	-1.329	-.613
CENTROID X	:	-.176	-.211	-.151
CENTROID Y	:	-.064	.114	.280
POA TO CENTROID in.	:	.187	.240	.318
MIN RADIUS	:	.127	.224	.400
MEAN RADIUS	:	.947	.863	.794
MAX RADIUS	:	1.626	1.414	1.061
HORIZONTAL SPREAD	:	1.933	1.933	1.933
VERTICAL SPREAD	:	2.612	2.169	1.287
EXTREME SPREAD	:	2.704	2.432	1.969
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685740

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.427

VS= 2.800

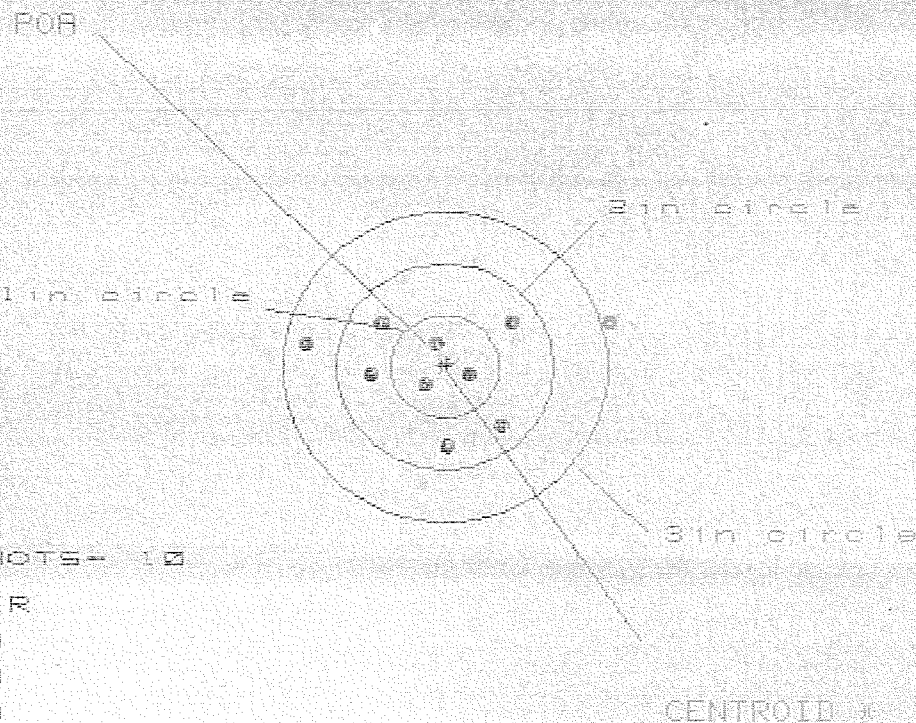
GS= 2.958

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.427	1.475	1.714
MINIMUM X	-1.000	-1.952	-1.267
MAXIMUM Y	1.286	1.118	1.148
MINIMUM Y	-1.513	-1.829	-1.799
CENTROID X	-1.033	-1.081	-1.256
CENTROID Y	.009	.177	.147
POA TO CENTROID in.	.034	.194	.304
MIN RADIUS	.165	.246	.406
MEAN RADIUS	.931	.854	.786
MAX RADIUS	1.576	1.494	1.183
HORIZONTAL SPREAD	2.427	2.427	1.481
VERTICAL SPREAD	2.800	1.947	1.947
EXTREME SPREAD	2.958	2.596	1.996
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

28 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C5665740

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.811

VS= 1.242

GS= 2.828

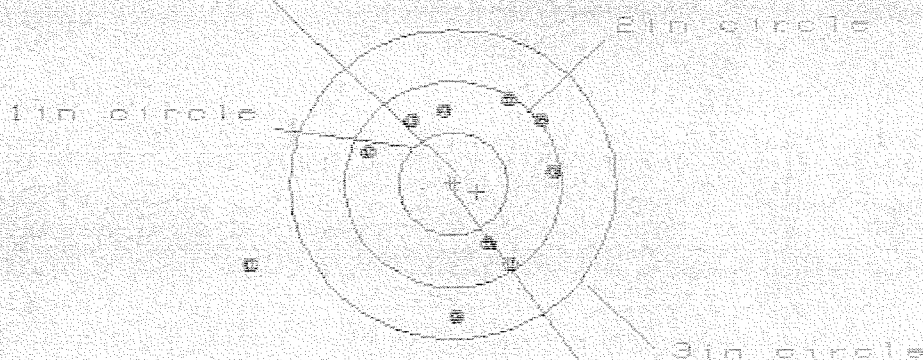
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.520	.801	.660
MINIMUM X	:	-1.291	-1.122	-.613
MAXIMUM Y	:	.437	.483	.512
MINIMUM Y	:	-.805	-.759	-.730
CENTROID X	:	-.016	-.185	-.045
CENTROID Y	:	-.031	-.077	-.106
POB TO CENTROID in.	:	.035	.200	.115
MIN RADIUS	:	.225	.132	.208
MEAN RADIUS	:	.733	.622	.552
MAX RADIUS	:	1.575	1.146	.821
HORIZONTAL SPREAD	:	2.811	1.923	1.273
VERTICAL SPREAD	:	1.242	1.242	1.242
EXTREME SPREAD	:	2.828	1.937	1.489
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6655740

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.849

VS= 2.134

QS= 3.065

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.931
MINIMUM X	-1.918
MAXIMUM Y	.859
MINIMUM Y	-1.276
CENTROID X	-.218
CENTROID Y	.079
POR TO CENTROID in.	.232
MIN RADIUS	.625
MEAN RADIUS	1.021
MAX RADIUS	2.064
HORIZONTAL SPREAD	2.849
VERTICAL SPREAD	2.134
EXTREME SPREAD	3.065
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9