

Smead
®

FORM

UPC



0 47700 25716 2

C6665695

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665695

ORDER NO.

5716

20

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



5716 C6665695

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 #

C 6665695

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 .91		Rw
600	Proof	10 1 91		Rw
607	Check Headspace	10 1 91		Rw
610	Dis-assemble Gun	10 1 91		Rw
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	Y.S.
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel		10/8/91	WLB
620	Apply Coatings (Barrel Action)		10-22-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	Rw
	C) Inspect Ejector Hole for Chamfer		10/22/91	Rw
	D) Oil Firing Pin Ass'y		10/22/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{1}{4}$	5	5 $\frac{1}{4}$			10-30-91	DH
	G) Safety Off Force	3 $\frac{1}{4}$	3	3 $\frac{1}{4}$			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	YH
	I) Firing Pin Indent	.020	.021	.020			10-30-91	DH
	J) Assemble Stock						10/31/91	RW
	K) Assemble Swivel Studs						11-12-91	A
	L) Attach Front and Rear Sight Assemblies						10/31/91	RW
	M) Iron Sight Alignment						10/31/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	RW
	O) Attach Scope to Rifle						10/31/91	RW
	P) Detach & Attach Scope 20 Times						10/31/91	RW
640	Gallery Target & Test						10-31-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-31-91	NF
655	Final Inspection							
	A) Headspace						11-12-91	A
	B) Trigger Pull	252	228	228	232	242	11-6-91	DH
	C) Function						11-12-91	A
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665695

DATE 10/30/91

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.26	2.50	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.26	2.33	2.28	
PULL #3	2.24	2.41	2.48	2.28	
PULL #4	2.33	2.24	2.28	2.32	
PULL #5	2.41	2.44	2.32	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.45		
PULL #2	3.29	3.43		
PULL #3	3.41	3.44		
PULL #4	3.25	3.39		
PULL #5	3.41	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.36		4.47
PULL #2	4.23	4.42		4.48
PULL #3	4.43	4.50		4.33
PULL #4	4.41	4.37		4.38
PULL #5	4.53	4.43		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665695
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.489477
1 TO	2	.377001
1 TO	3	.322591
1 TO	4	.776041
1 TO	5	.474157

4
1.4 (----POA

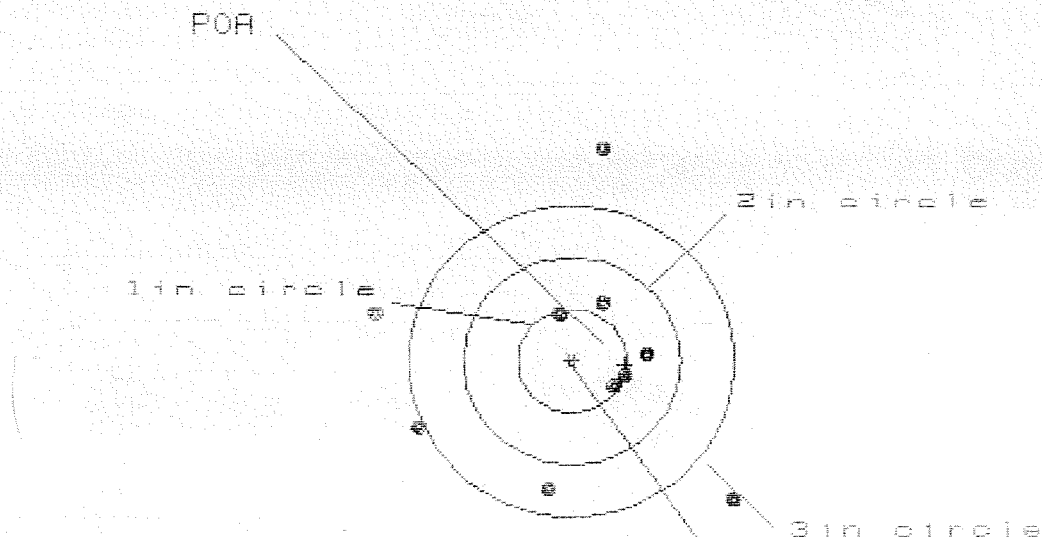
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1986
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0559
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20629

THE AMR FOR THIS RIFLE IS: .9454

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665695

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 6

CENTROID *

HS= 3.271

VS= 3.415

GS= 3.754

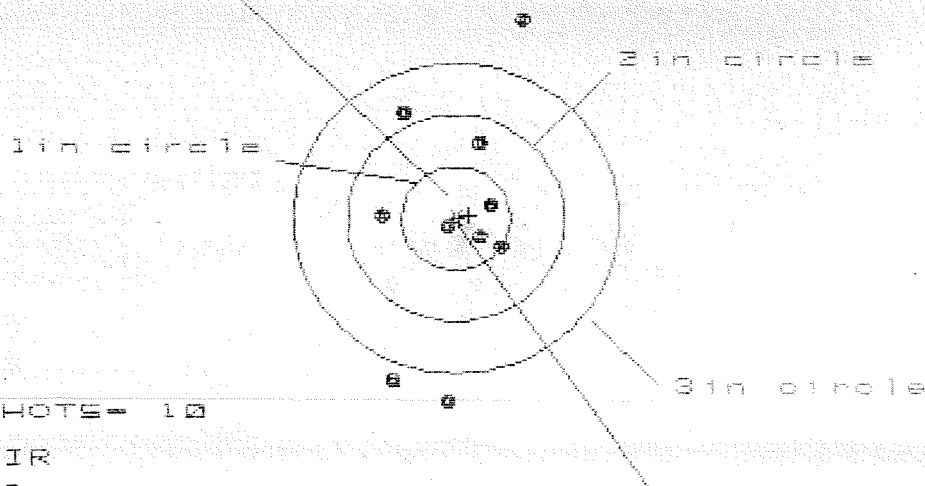
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.467	1.497	.861
MINIMUM X	-1.804	-1.774	-1.587
MAXIMUM Y	2.039	.767	.623
MINIMUM Y	-1.376	-1.149	-1.119
CENTROID X	-.488	-.518	-.705
CENTROID Y	.038	-.189	-.045
POA TO CENTROID in.	.489	.552	.707
MIN RADIUS	.424	.373	.584
MEAN RADIUS	1.137	1.045	.958
MAX RADIUS	2.058	1.904	1.679
HORIZONTAL SPREAD	3.271	3.271	2.448
VERTICAL SPREAD	3.415	1.916	1.742
EXTREME SPREAD	3.754	3.754	2.485
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8585685

CENTERFIRE PATTERNS # 2

POB



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 1.320

VS= 3.649

GS= 3.727

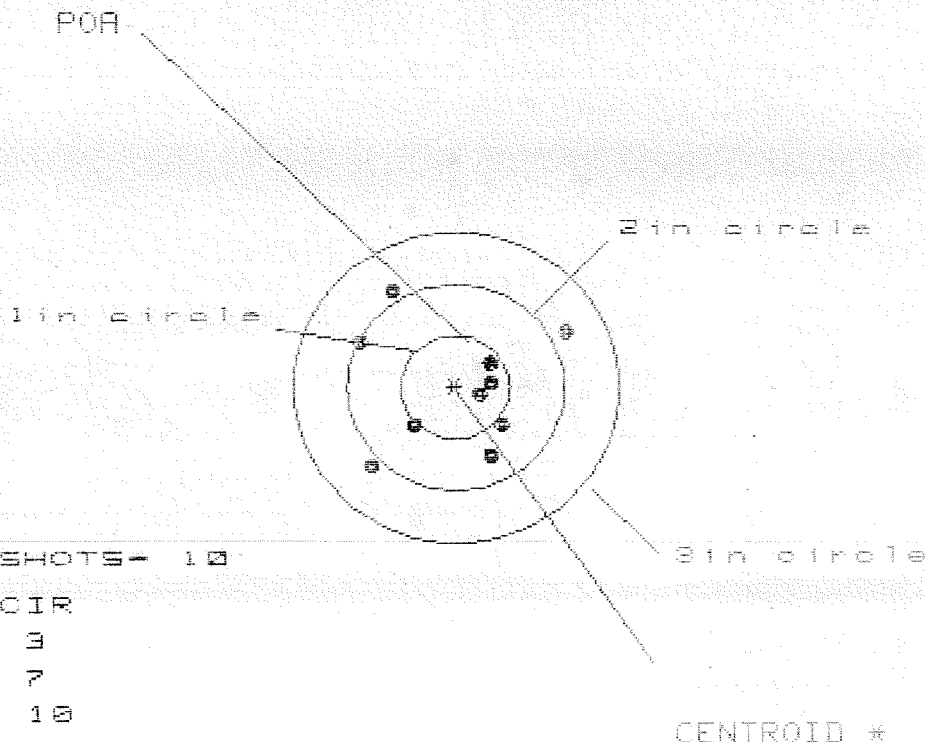
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.630	.487	.480
MINIMUM X	:	-.690	-.620	-.627
MAXIMUM Y	:	1.890	1.277	1.084
MINIMUM Y	:	-1.759	-1.549	-1.533
CENTROID X	:	-.117	-.187	-.180
CENTROID Y	:	-.029	-.239	-.045
POB TO CENTROID in.	:	.121	.304	.186
MIN RADIUS	:	.110	.112	.088
MEAN RADIUS	:	.930	.825	.700
MAX RADIUS	:	1.992	1.550	1.687
HORIZONTAL SPREAD	:	1.320	1.107	1.107
VERTICAL SPREAD	:	3.649	2.826	2.617
EXTREME SPREAD	:	3.727	2.843	2.619
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685695

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS- 1.865

VS- 1.684

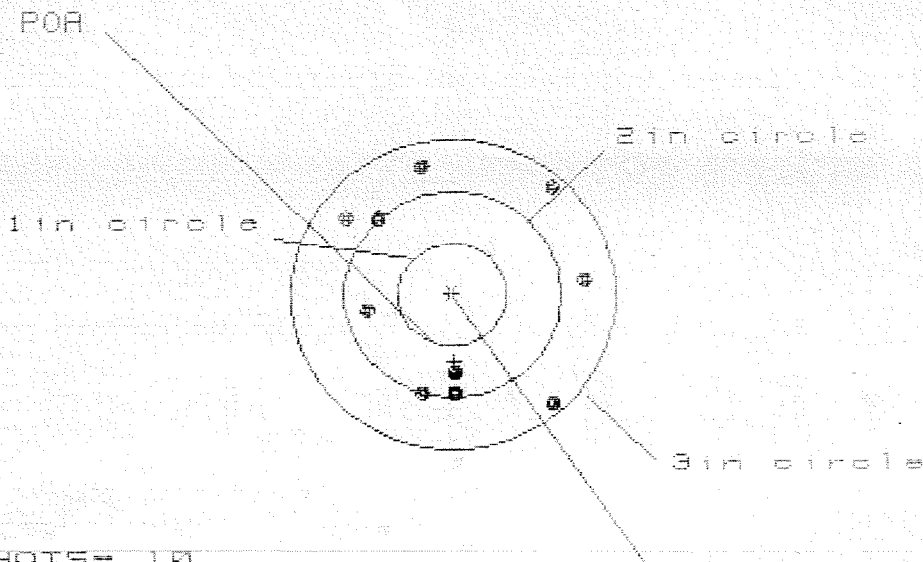
GS- 2.270

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.833	.530	.441
MINIMUM X	:	-.832	-.717	-.806
MAXIMUM Y	:	.924	.985	.898
MINIMUM Y	:	-.760	-.699	-.653
CENTROID X	:	-.321	-.436	-.347
CENTROID Y	:	-.238	-.299	-.212
POA TO CENTROID in.	:	.400	.528	.407
MIN RADIUS	:	.218	.310	.254
MEAN RADIUS	:	.706	.665	.605
MAX RADIUS	:	1.170	1.102	1.070
HORIZONTAL SPREAD	:	1.865	1.247	1.247
VERTICAL SPREAD	:	1.684	1.684	1.551
EXTREME SPREAD	:	2.270	1.825	1.625
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865685

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 10

HS= 2.151

VS= 2.335

GS= 2.619

CENTROID *

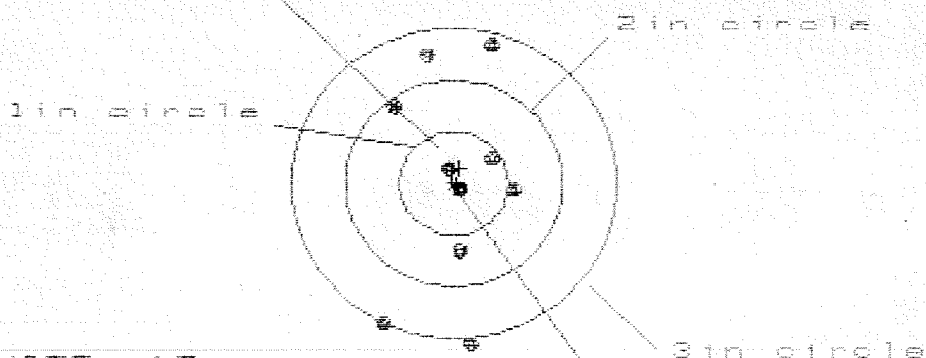
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.299	1.423
MINIMUM X	:	-.949	-.852	-.728
MAXIMUM Y	:	1.252	1.131	1.247
MINIMUM Y	:	-1.083	-1.091	-.975
CENTROID X	:	-.016	-.113	-.237
CENTROID Y	:	.654	.775	.659
POA TO CENTROID in.	:	.654	.783	.700
MIN RADIUS	:	.704	.750	.592
MEAN RADIUS	:	1.092	1.051	.981
MAX RADIUS	:	1.390	1.362	1.426
HORIZONTAL SPREAD	:	2.151	2.151	2.151
VERTICAL SPREAD	:	2.335	2.222	2.222
EXTREME SPREAD	:	2.619	2.324	2.234
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685685

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 1.160

VS= 2.913

GS= 2.923

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.522	.536	.458
MINIMUM X	:	-.638	-.624	-.662
MAXIMUM Y	:	1.333	1.158	.962
MINIMUM Y	:	-1.580	-1.563	-1.034
CENTROID X	:	-.051	-.065	.013
CENTROID Y	:	-.146	.029	.225
POA TO CENTROID in.	:	.155	.071	.225
MIN RADIUS	:	.097	.051	.256
MEAN RADIUS	:	.862	.775	.678
MAX RADIUS	:	1.585	1.683	1.034
HORIZONTAL SPREAD	:	1.160	1.160	1.120
VERTICAL SPREAD	:	2.913	2.721	1.996
EXTREME SPREAD	:	2.923	2.903	2.016
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	