

FORM

UPC



0 47700 25716 7

66665969

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665969

ORDER NO.

5716

20

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



5716 C6665969

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26665969

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KH
600	Proof		9/27/91	KH
607	Check Headspace		9/27/91	KH
610	Dis-assemble Gun		9/27/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	Kcd
	Magnaflux Bolt	OCT	4 1991	Kcd
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-7-91	AB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KH
	C) Inspect Ejector Hole for Chamfer		11/1/91	KH
	D) Oil Firing Pin Ass'y		11/1/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-12-91	SH

Op. #	Op. NAME	READINGS					DATE	INITIALS
625 cont.	F) Safety On Force	5	5	5			11-12-91	JK
	G) Safety Off Force	3	3	3			11-12-91	JK
	H) Trigger Pull Test & Retainability						11-12-91	JK
	I) Firing Pin Indent	1020	1020.5	1020.5			11-12-91	JK
	J) Assemble Stock						11-12-91	JK
	K) Assemble Swivel Studs						11-26-91	JK
	L) Attach Front and Rear Sight Assemblies						11-12-91	JK
	M) Iron Sight Alignment						11-12-91	JK
	N) Detach Front & Rear Sights & place in numbered container						11-12-91	JK
	O) Attach Scope to Rifle						11-12-91	JK
	P) Detach & Attach Scope 20 Times						11-12-91	JK
640	Gallery Target & Test						11-12-11-91	JK
	A) Time							JK
	B) Malfunctions							JK
	C) Pierced Primers							JK
	D) Optical Clarity of Scope							JK
645	Inspect for Live Ammo						11-12-11-91	JK
655	Final Inspection							
	A) Headspace						11-26-91	JK
	B) Trigger Pull	260	261	258	264	261	11-22-91	JK
	C) Function						11-26-91	JK
660	Pack						12-18-91	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-6665969DATE 11-12-91TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.41	2.44	260	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.39	2.30	261	
PULL #3	2.40	2.23	2.28	258	
PULL #4	2.40	2.20	2.20	264	
PULL #5	2.41	2.31	2.22	261	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.39		
PULL #2	3.37	3.28		
PULL #3	3.41	3.44		
PULL #4	3.38	3.33		
PULL #5	3.43	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.54		4.60
PULL #2	4.25	4.55		4.61
PULL #3	4.62	4.56		4.60
PULL #4	4.57	4.57		4.60
PULL #5	4.55	4.54		4.63
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665969
22 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.0854283
1 TO	2	.224199
1 TO	3	.176377
1 TO	4	.157204
1 TO	5	.191708

3/2 <----POR

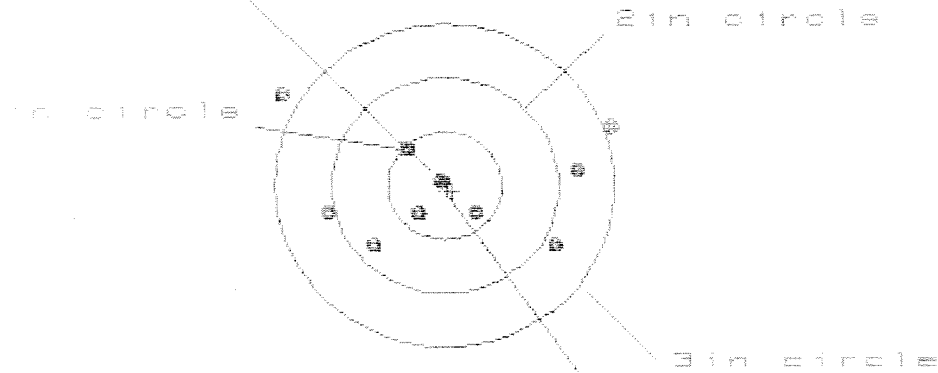
5. 0.0000 IS: -.0154
6. 0.0000 IS: -.0208
7. 0.0000 IS: .0258805

27 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665969

CENTERFIRE PATTERNS # 1

FOR



* SHOTS = 10

* 1 in circle

* 2 in circle

* 3 in circle

* 4 in circle

* 5 in circle

* 6 in circle

* 7 in circle

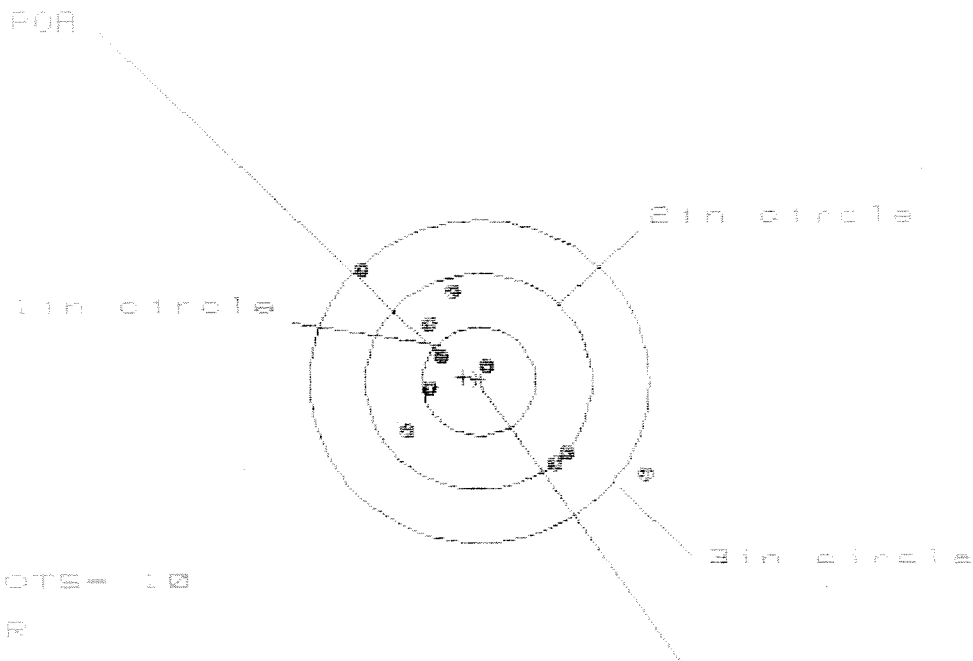
CENTROID #

10	9	8
1.457	1.274	1.136
-1.451	-1.216	-1.057
.940	.653	.539
-.537	-.469	-.387
.094	.095	-.063
.011	-.040	-.122
.010	.104	.137
.010	.139	.236
.010	.756	.692
.010	1.432	1.174
.010	2.490	2.193
.010	1.122	.926
.010	2.632	2.231
.010	.010	.010
.010	.010	.010
.010	.010	.010

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665969

CENTERFIRE PATTERNS # 2



* OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 8

ME= 2.551

VE= 1.685

CE= 3.172

CENTROID #

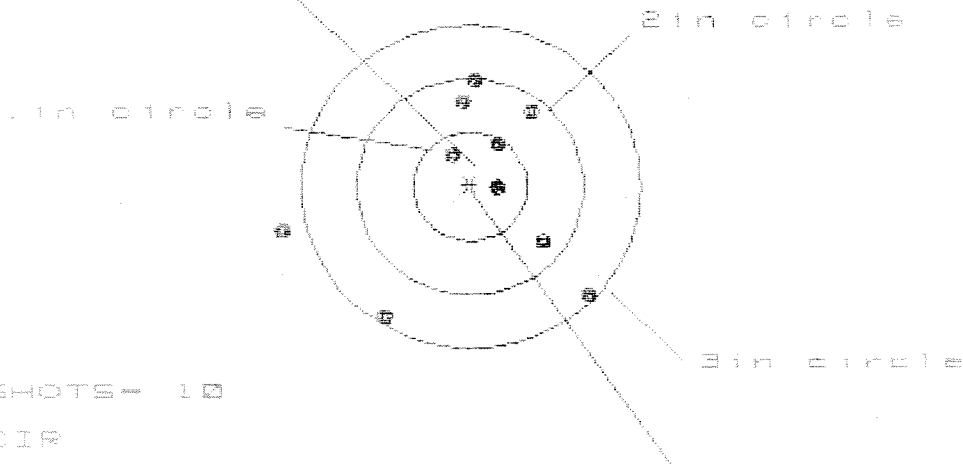
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.504	.902	.792
MINIMUM X	-1.047	-.880	-.544
MAXIMUM Y	1.064	.973	.876
MINIMUM Y	-.821	-.829	-.700
ME	.167	-.030	.079
CE	-.040	.051	-.070
VE	.142	.060	.106
ME	.103	.176	.167
VE	.840	.703	.645
ME	1.714	1.311	1.041
VE	2.551	1.782	1.337
CE	1.685	1.602	1.584
CE	3.172	2.511	1.814
NUMBER OF SHOTS IN 1IN CIRCLE	=	2	
NUMBER OF SHOTS IN 2IN CIRCLE	=	7	
NUMBER OF SHOTS IN 3IN CIRCLE	=	9	

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B859B9

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HE = 2.671

VS = 2.193

GS = 2.735

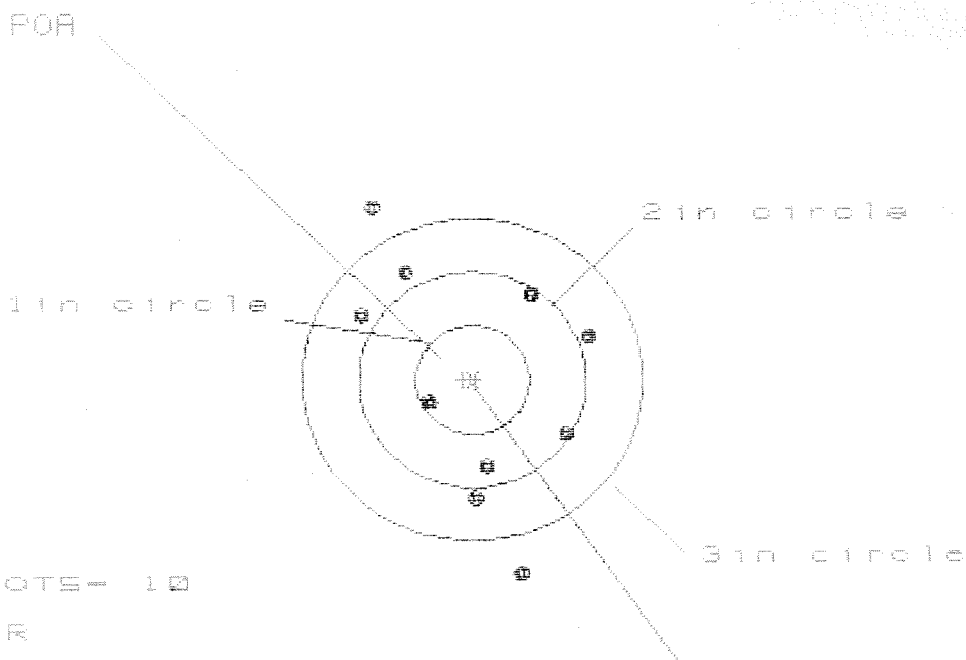
CENTROID *

PATTERN #		10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.999	.813	.531
MINIMUM X		-1.672	-.927	-.825
MAXIMUM Y		1.013	.965	.831
MINIMUM Y		-1.188	-1.228	-1.362
CENTROID X		-.237	-.051	-.153
CENTROID Y		.006	.054	.188
POA TO CENTROID (in)		.237	.075	.242
MIN RADIUS		.242	.087	.255
MEAN RADIUS		.906	.771	.677
MAX RADIUS		1.727	1.539	1.592
HORIZONTAL SPREAD		2.671	1.740	1.356
VERTICAL SPREAD		2.193	2.193	2.193
EXTREME SPREAD		2.735	2.318	2.318
NUMBER IN ONE INCH CIRCLE	=	3	3	3
NUMBER IN TWO INCH CIRCLE	=	6	6	6
NUMBER IN THREE INCH CIRCLE	=	9	9	9

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8605989

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 8.056

VS= 8.397

GS= 8.603

CENTROID #

PATTERN #

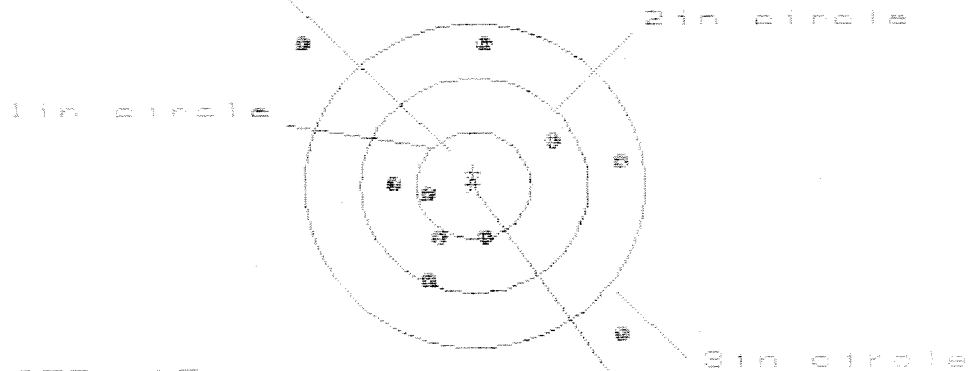
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.028	.930	.968
MINIMUM X	-1.028	-1.126	-1.068
MAXIMUM Y	1.631	1.150	.952
MINIMUM Y	-1.766	-1.585	-1.163
CENTROID X	.081	.179	.141
CENTROID Y	.000	-.181	.017
POA TO CENTROID IN.	.081	.255	.142
MIN RADIOS	.391	.455	.453
MEAN RADIOS	1.129	1.029	.954
MAX RADIOS	1.854	1.614	1.220
HORIZONTAL SPREAD	2.056	2.056	2.056
VERTICAL SPREAD	3.397	2.735	2.115
EXTREME SPREAD	3.603	2.903	2.185
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

22 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06605969

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 4

4S= 2.724

VS= 2.785

GS= 2.856

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.252	1.088	1.216
MINIMUM X	:	-1.472	-1.840	-1.704
MAXIMUM Y	:	1.359	1.434	1.275
MINIMUM Y	:	-1.426	-1.275	-1.898
CENTR. X	:	.009	.173	.037
CENTR. Y	:	-.123	-.274	-.115
POA (CENTROID) (in.)	:	.123	.324	.120
MIN. RANGE	:	.463	.366	.491
MEAN RANGE	:	1.848	.937	.827
MEAN RANGE	:	2.004	1.676	1.276
HORIZONTAL SPREAD	:	2.724	1.928	1.928
VERTICAL SPREAD	:	2.785	2.709	2.173
EXTREME SPREAD	:	3.856	2.954	2.221
NUMBER IN ONE INCH CIRCLE	=	1	1	1
NUMBER IN TWO INCH CIRCLE	=	5	5	5
NUMBER IN THREE INCH CIRCLE	=	8	8	8