

FORM

UPC



0 47700 25716 7

C6665980

CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665980

ORDER NO.

5716

20

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



5716 C6665980

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665980

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/91	KH
	C) Inspect Ejector Hole for Chamfer		10/30/91	KH
	D) Oil Firing Pin Ass'y		10/30/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/31/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/31/91	SH
	G) Safety Off Force	3	3	3			10/31/91	SH
	H) Trigger Pull Test & Retainability						10/31/91	SH
	I) Firing Pin Indent	020	020	020			10/31/91	SH
	J) Assemble Stock						10/31/91	SH
	K) Assemble Swivel Studs						11-12-91	SH
	L) Attach Front and Rear Sight Assemblies						10/31/91	SH
	M) Iron Sight Alignment						10/31/91	SH
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	SH
	O) Attach Scope to Rifle						10/31/91	SH
	P) Detach & Attach Scope 20 Times						10/31/91	SH
640	Gallery Target & Test						11-1-91	DH
	A) Time						11-1-91	DH
	B) Malfunctions						11-1-91	DH
	C) Pierced Primers						11-1-91	DH
	D) Optical Clarity of Scope						11-1-91	DH
645	Inspect for Live Ammo						11-1-91	DH
655	Final Inspection							
	A) Headspace						11-12-91	SH
	B) Trigger Pull	278	275	277	269	267	11-5-91	DH
	C) Function						11-12-91	SH
660	Pack						12-14-91	SH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665980

DATE 10/31/01

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.42	2.40	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.44	2.51	2.75	
PULL #3	2.32	2.39	2.55	2.77	
PULL #4	2.40	2.50	2.43	2.69	
PULL #5	2.40	2.45	2.44	2.67	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.23		
PULL #2	3.39	3.36		
PULL #3	3.34	3.34		
PULL #4	3.35	3.31		
PULL #5	3.34	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	4.54	4.27		4.40
PULL #2	4.25	4.29		4.26
PULL #3	4.31	4.26		4.31
PULL #4	4.38	4.38		4.31
PULL #5	4.36	4.40		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665980
1 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.25297
1 TO	2	.34603
1 TO	3	.174428
1 TO	4	.273057
1 TO	5	.787001

5
198 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0806
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0806127

THE ANR FOR THIS RIFLE IS: 1.007

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86653B0

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.944

VS= 3.148

GS= 3.734

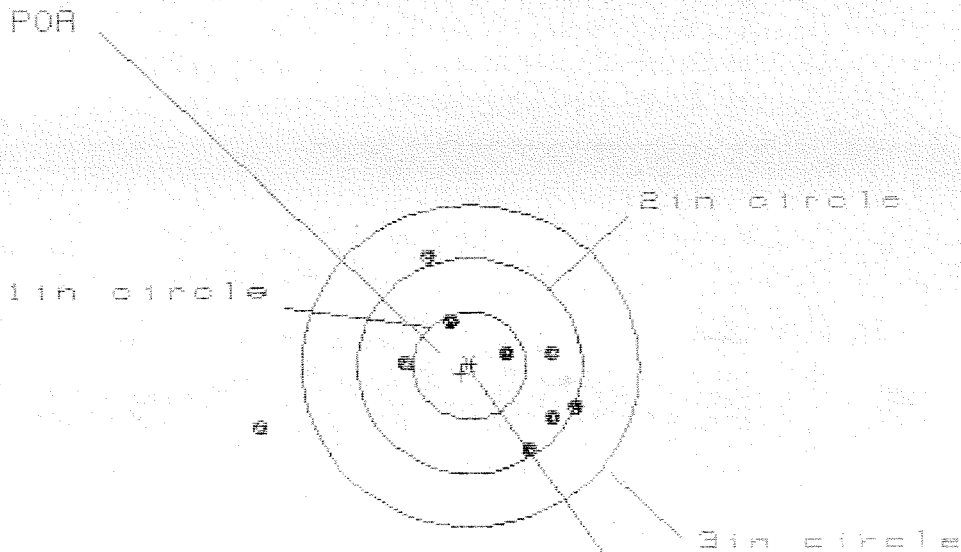
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	.938	.938
MINIMUM X	:	-1.805	-.664	-.664
MAXIMUM Y	:	1.464	1.441	1.251
MINIMUM Y	:	-1.684	-1.522	-.910
CENTROID X	:	-.245	-.044	-.044
CENTROID Y	:	-.063	-.225	-.035
POA TO CENTROID in.	:	.252	.229	.057
MIN RADIUS	:	.218	.455	.319
MEAN RADIUS	:	1.056	.915	.819
MAX RADIUS	:	2.324	1.522	1.327
HORIZONTAL SPREAD	:	2.944	1.602	1.602
VERTICAL SPREAD	:	3.148	2.963	2.161
EXTREME SPREAD	:	3.734	2.996	2.421
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C88853B0

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.809

VS= 1.901

GS= 2.817

CENTROID #

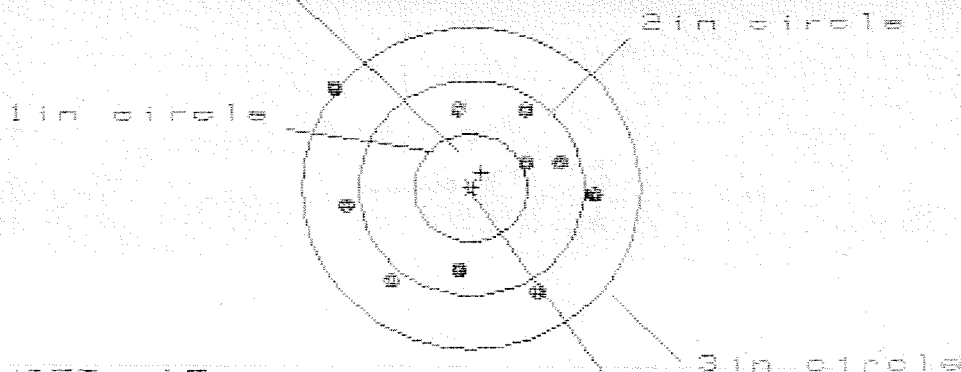
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.896	.683	.609
MINIMUM X	:	-1.913	-.803	-.877
MAXIMUM Y	:	1.044	.984	.505
MINIMUM Y	:	-.757	-.817	-.695
CENTROID X	:	.071	.284	.358
CENTROID Y	:	.078	.138	.015
POR TO CENTROID in.	:	.106	.316	.358
MIN RADIUS	:	.375	.155	.190
MEAN RADIUS	:	.844	.674	.609
MAX RADIUS	:	1.989	1.146	.878
HORIZONTAL SPREAD	:	2.809	1.486	1.486
VERTICAL SPREAD	:	1.901	1.801	1.199
EXTREME SPREAD	:	2.817	2.013	1.517
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86659B0

CENTERFIRE PATTERNS # 3

POR



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.275

VS = 1.936

GS = 2.617

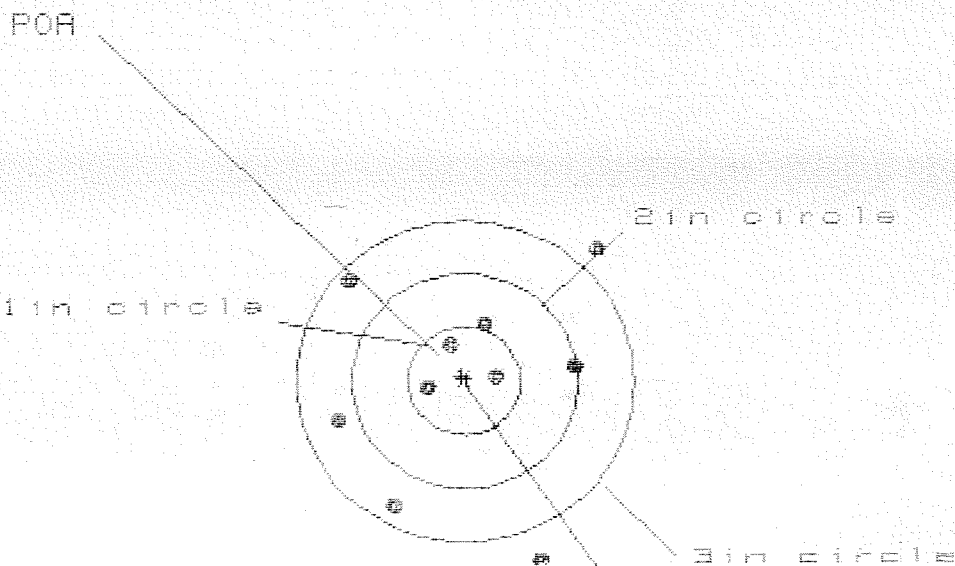
CENTROID # 3

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.075	.941	.995
MINIMUM X	:	-1.200	-1.248	-1.194
MAXIMUM Y	:	.927	.842	.729
MINIMUM Y	:	-1.009	-.906	-.843
CENTROID X	:	-.088	.046	-.008
CENTROID Y	:	-.139	-.242	-.129
POR TO CENTROID in.	:	.165	.247	.129
MIN RADIUS	:	.489	.440	.414
MEAN RADIUS	:	.964	.884	.858
MAX RADIUS	:	1.517	1.249	1.208
HORIZONTAL SPREAD	:	2.275	2.189	2.189
VERTICAL SPREAD	:	1.936	1.748	1.572
EXTREME SPREAD	:	2.617	2.193	2.193
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065380

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.327

VS= 2.887

GS= 3.094

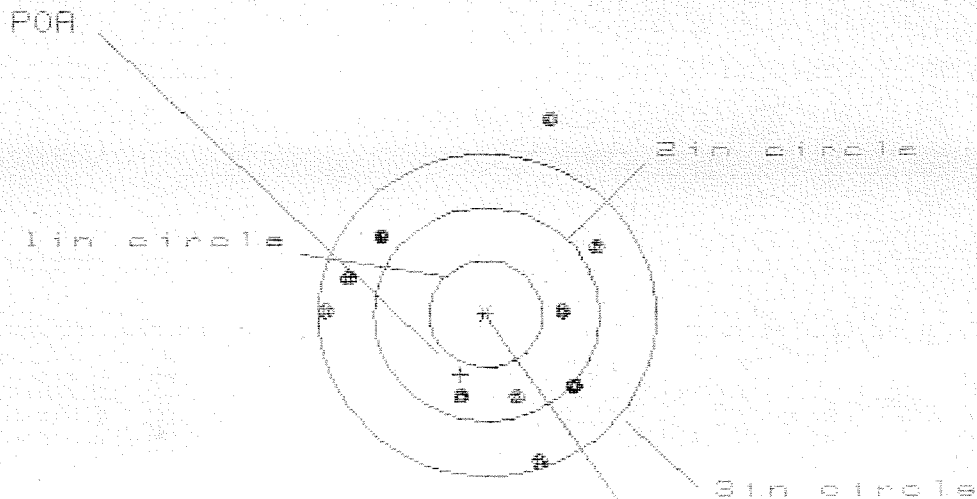
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	1.252	1.151
MINIMUM X	:	-1.145	-1.075	-.919
MAXIMUM Y	:	1.203	1.016	.880
MINIMUM Y	:	-1.684	-1.347	-1.220
CENTROID X	:	.027	-.043	-.199
CENTROID Y	:	-.039	.148	.021
POA TO CENTROID in.	:	.048	.154	.200
MIN RADIUS	:	.310	.207	.192
MEAN RADIUS	:	.999	.883	.792
MAX RADIUS	:	1.798	1.612	1.271
HORIZONTAL SPREAD	:	2.327	2.327	2.070
VERTICAL SPREAD	:	2.887	2.363	2.100
EXTREME SPREAD	:	3.094	2.950	2.142
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665360

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 9

HS= 2.395

VS= 3.147

GS= 3.150

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.964	1.030	.860
MINIMUM X	:	-1.431	-1.365	-1.313
MAXIMUM Y	:	1.825	.952	.979
MINIMUM Y	:	-1.322	-1.119	-1.092
CENTROID X	:	.228	.162	.332
CENTROID Y	:	.566	.363	.336
POA TO CENTROID in.	:	.610	.397	.473
MIN RADIUS	:	.656	.610	.600
MEAN RADIUS	:	1.172	1.059	.936
MAX RADIUS	:	1.920	1.381	1.447
HORIZONTAL SPREAD	:	2.395	2.395	2.173
VERTICAL SPREAD	:	3.147	2.071	2.071
EXTREME SPREAD	:	3.150	2.479	2.479
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	