

C6611699

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

SERIAL NO.
C6611699

ORDER NO.
5716

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

46



5716 C6611699

UPC



0 47700 25716 7

MOD. _____		GA. CAL. _____	GUN # 1699
INSP. #	DATE	MALFUNCTION/DEFECT	ASSEM. #
VF	1st	check Scope alignment	KS
	4/5		
	2nd	REALIGNED SCOPE	KS 4/5/91
	3rd		
	4th		
		FINAL INSPECTION	RD 6657 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

Repaired
Stock

GUN SERIAL #

C 6611699

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18 91		KR
	Magnaflux Bolt	1 18 91		KR
615	Rollmark Caliber	1 13 91		LS
617	Drill and Tap Sight Holes	1 24 91		FB
618	Polish Barrel	1 24 91		WB
620	Apply Coatings (Barrel Action)		2-15-91	TA
	Apply Coating (Bolt)			TA
625	Final Assembly A) Clean inside of Bolt Assembly		3/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KA
	C) Inspect Ejector Hole for Chamfer		3/8/91	KA
	D) Oil Firing Pin Ass'y		3/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		4/1/91	KA

BARBER - M24 0034500		READINGS			DATE	INIT
op. #	OP. NAME					
625 cont.	F) Safety On Force	4	4	4	4/1/91	QEP
	G) Safety Off Force	3	3	3	4/1/91	QEP
	H) Trigger Pull Test & Retainability				4/1/91	QEP
	I) Firing Pin Indent	.0205	.022	.022	4/1/91	QEP
	J) Assemble Stock				4/4/91	KS
	K) Assemble Swivel Studs				4-10-91	D/H
	L) Attach Front and Rear Sight Assemblies				4/4/91	KS
	M) Iron Sight Alignment				4/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container				4/4/91	KS
	O) Attach Scope to Rifle				4/4/91	KS
	P) Detach & Attach Scope 20 Times				4/4/91	KS
640	Gallery Target & Test				4-5-91	AF
	A) Time				"	AF
	B) Malfunctions				"	AF
	C) Pierced Primers				"	AF
	D) Optical Clarity of Scope				"	AF
645	Inspect for Live Ammo				4-5-91	AF
655	Final Inspection					
	A) Headspace				4-10-91	D/H
	B) Trigger Pull	2.15	2.18	2.23	4/10/91	QEP
	C) Function				4-10-91	D/H
660	Pack				6-19-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611699

DATE 4/1/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.25	2.30	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.30	2.25	2.18	
PULL #3	2.31	2.25	2.25	2.23	
PULL #4	2.34	2.30	2.28	2.21	
PULL #5	2.42	2.27	2.25	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.35		
PULL #2	3.42	3.38		
PULL #3	3.39	3.33		
PULL #4	3.50	3.46		
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	4.24	4.50		4.52
PULL #2	4.47	4.50		4.43
PULL #3	4.44	4.47		4.49
PULL #4	4.39	4.48		4.52
PULL #5	4.47	4.48		4.17
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611699
6 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.2067
1 TO	2	.272919
1 TO	3	.285491
1 TO	4	.233054
1 TO	5	.112645



<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0322
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0446
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0550091
THE AMR FOR THIS RIFLE IS: .63

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611689

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.683

VS= 2.072

GS= 2.427

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.809

.712

.637

-.874

-.695

-.770

1.103

1.136

.655

-.969

-.846

-.704

.110

.207

.202

.175

.052

-.090

.207

.214

.296

.100

.162

.314

.778

.693

.612

1.408

1.281

.870

1.683

1.407

1.407

2.072

1.982

1.359

2.427

2.159

1.601

1

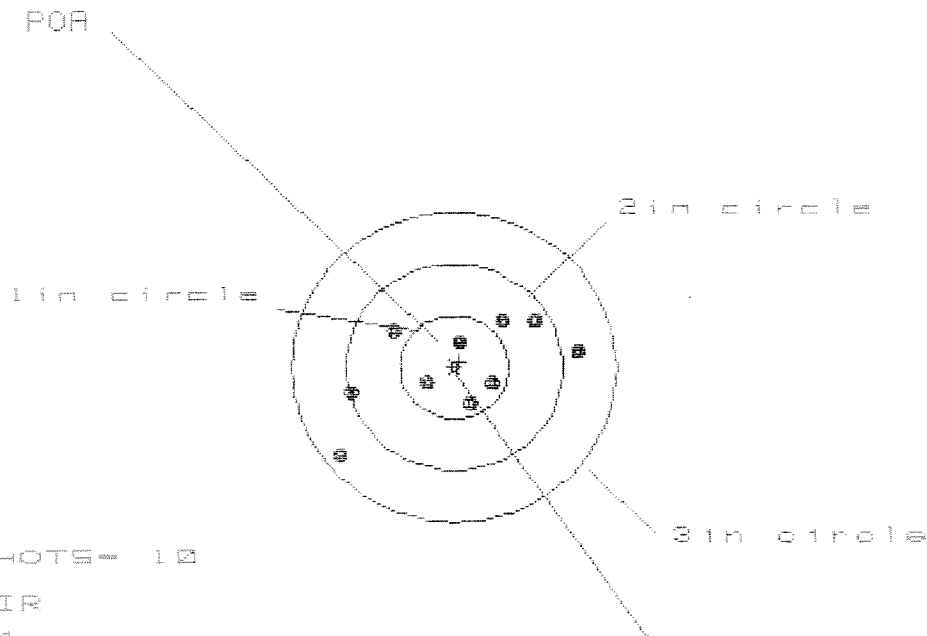
6

10

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611893

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.148

VS= 1.260

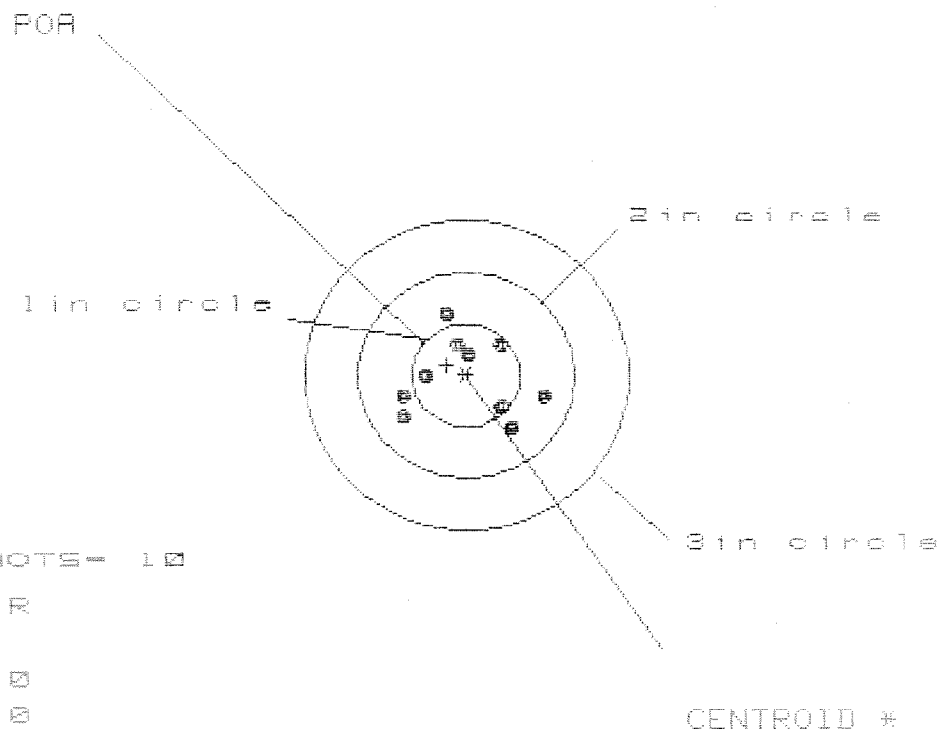
GS= 2.370

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.119	1.004	.716
MINIMUM X	-1.029	-1.107	-.981
MAXIMUM Y	.446	.356	.368
MINIMUM Y	-.814	-.398	-.386
CENTROID X	-.043	.071	-.055
CENTROID Y	-.051	.039	.027
POA TO CENTROID in.	.067	.081	.061
MIN RADIUS	.274	.204	.220
MEAN RADIUS	.688	.604	.552
MAX RADIUS	1.312	1.159	1.036
HORIZONTAL SPREAD	2.148	2.111	1.697
VERTICAL SPREAD	1.260	.754	.754
EXTREME SPREAD	2.370	2.156	1.819
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

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FILE:/PATTERNING/CENTERFIRE_PATT/C8611699

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 10

3in = 10

HS= 1.357

VS= 1.115

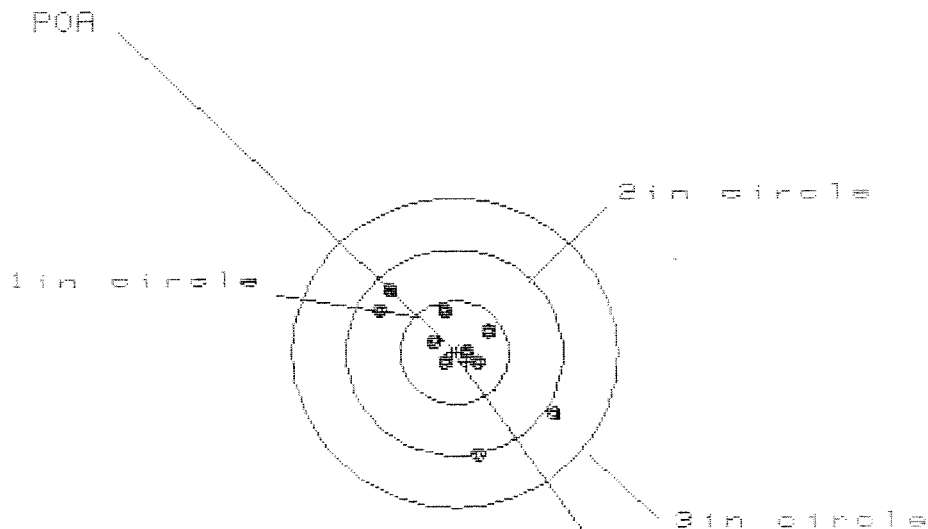
GS= 1.377

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.739
MINIMUM X	-.627
MAXIMUM Y	.611
MINIMUM Y	-.584
CENTROID X	.183
CENTROID Y	-.101
POA TO CENTROID in.	.209
MIN RADIUS	.225
MEAN RADIUS	.521
MAX RADIUS	.750
HORIZONTAL SPREAD	1.357
VERTICAL SPREAD	1.115
EXTREME SPREAD	1.377
NUMBER IN ONE INCH CIRCLE =	5
NUMBER IN TWO INCH CIRCLE =	10
NUMBER IN THREE INCH CIRCLE =	10

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FILE:/PATTERNING/CENTERFIRE_PATT/C8511699

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 8

3 in = 10

HS= 1.609

VS= 1.596

GS= 1.872

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.932	.362	.395
MINIMUM X	-.677	-.574	-.541
MAXIMUM Y	.569	.509	.373
MINIMUM Y	-1.027	-1.087	-.331
CENTROID X	-.107	-.210	-.243
CENTROID Y	.890	.150	.286
POA TO CENTROID in.	.139	.258	.375
MIN RADIUS	.089	.147	.125
MEAN RADIUS	.521	.456	.371
MAX RADIUS	1.077	1.119	.584
HORIZONTAL SPREAD	1.609	.936	.936
VERTICAL SPREAD	1.596	1.596	.704
EXTREME SPREAD	1.872	1.753	1.026
NUMBER IN ONE INCH CIRCLE	= 6		
NUMBER IN TWO INCH CIRCLE	= 8		
NUMBER IN THREE INCH CIRCLE	= 10		

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FILE:/PATTERNING/CENTERFIRE_PATT/06611699

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.107

VS= 1.926

GS= 1.984

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.581	.581	.641
MINIMUM X	:	-.526	-.526	-.466
MAXIMUM Y	:	1.089	.678	.588
MINIMUM Y	:	-.837	-.716	-.614
CENTROID X	:	.018	.018	-.042
CENTROID Y	:	.110	-.011	.079
POA TO CENTROID in.	:	.112	.021	.089
MIN RADIUS	:	.360	.299	.392
MEAN RADIUS	:	.642	.581	.542
MAX RADIUS	:	1.089	.861	.650
HORIZONTAL SPREAD	:	1.107	1.107	1.107
VERTICAL SPREAD	:	1.926	1.394	1.202
EXTREME SPREAD	:	1.984	1.610	1.209
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	