

C661699

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

46

SERIAL NO.
C6611699

ORDER NO.
5716

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



5716 C6611699

UPC



0 47700 25716 7

MOD. _____ GA. CAL. _____ GUN # 1699

INSP. #	DATE	MALFUNCTION/DEFECT	ASSEM. #
N	1st	check Scope alignment	KS
	4/5		
	2nd	REALIGNED SCORE	KS 4/5/41
	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		

CONTRACT # DAAA21-87-C-0086

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		GS
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	TH
	Apply Coating (Bolt)			
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

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		4/1/91	QSP
	G) Safety Off Force	3	3	3		4/1/91	QSP
	H) Trigger Pull Test & Retainability					4/1/91	QSP
	I) Firing Pin Indent	.0205	.022	.022		4/1/91	QSP
	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	2.21	2.19	4/10/91
	C) Function						4-10-91
660	Pack					6-19-91	AF

SWS TRIGGER PULL TEST

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 # C6611699
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

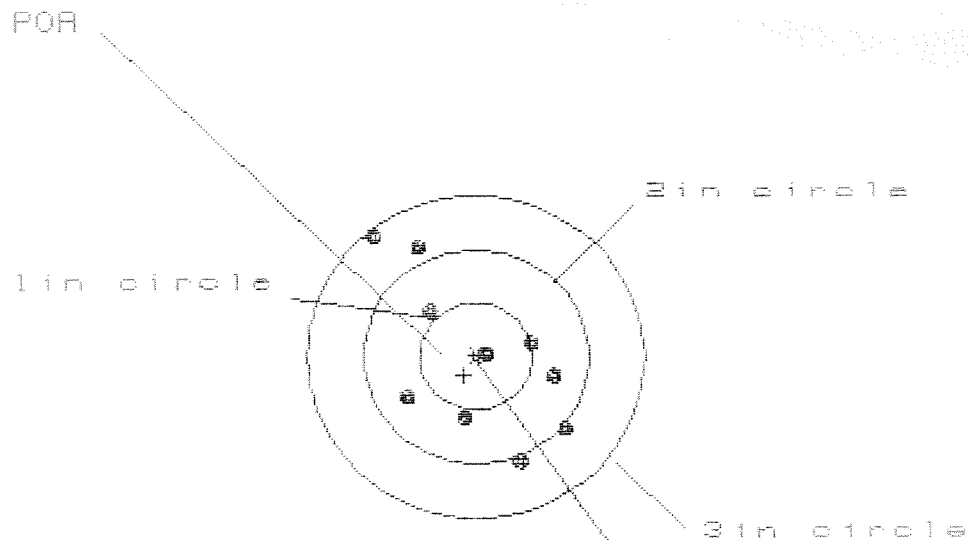
4 <----POA

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/C8B11699

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.583

VS= 2.072

GS= 2.427

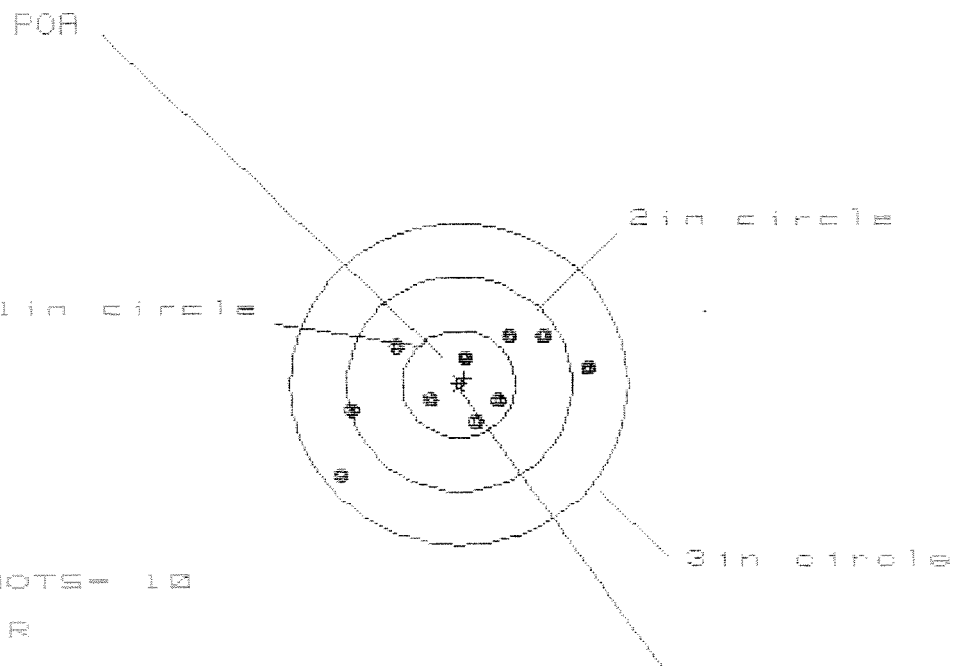
CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.712	.637
MINIMUM X	:	-.874	-.695	-.770
MAXIMUM Y	:	1.103	1.136	.655
MINIMUM Y	:	-.969	-.846	-.704
CENTROID X	:	.110	.207	.282
CENTROID Y	:	.175	.052	-.090
POA TO CENTROID in.	:	.207	.214	.296
MIN RADIUS	:	.100	.162	.314
MEAN RADIUS	:	.778	.693	.612
MAX RADIUS	:	1.408	1.281	.878
HORIZONTAL SPREAD	:	1.683	1.407	1.407
VERTICAL SPREAD	:	2.072	1.982	1.359
EXTREME SPREAD	:	2.427	2.159	1.601
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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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

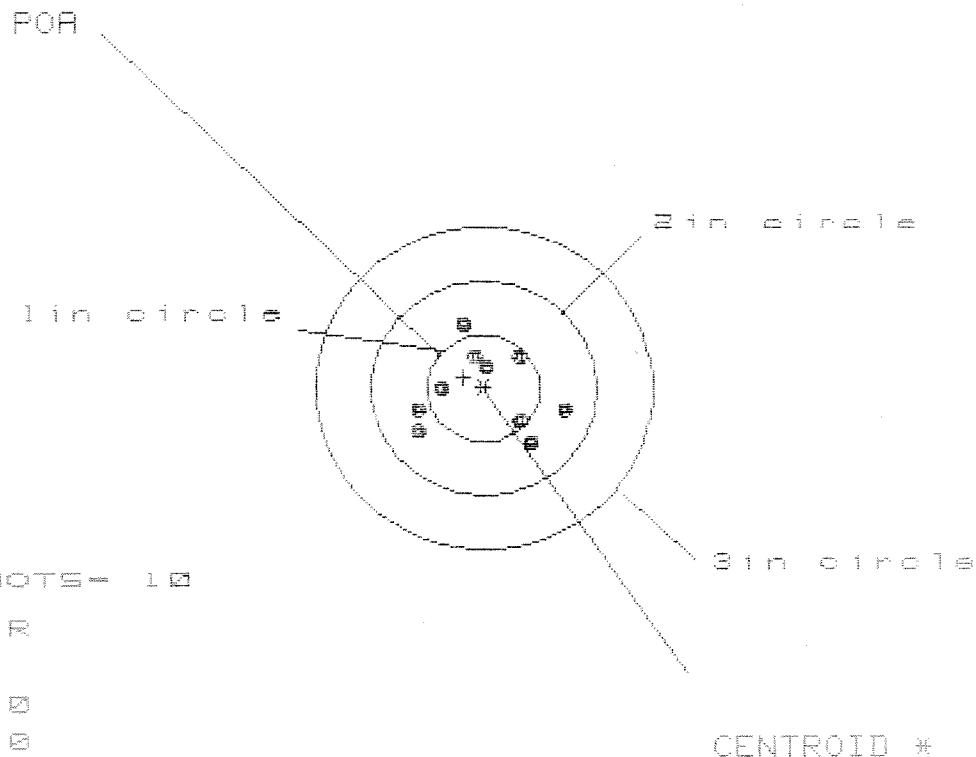
CENTROID *

PATTERN #	:	2		
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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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 10

3in = 10

HS= 1.357

VS= 1.115

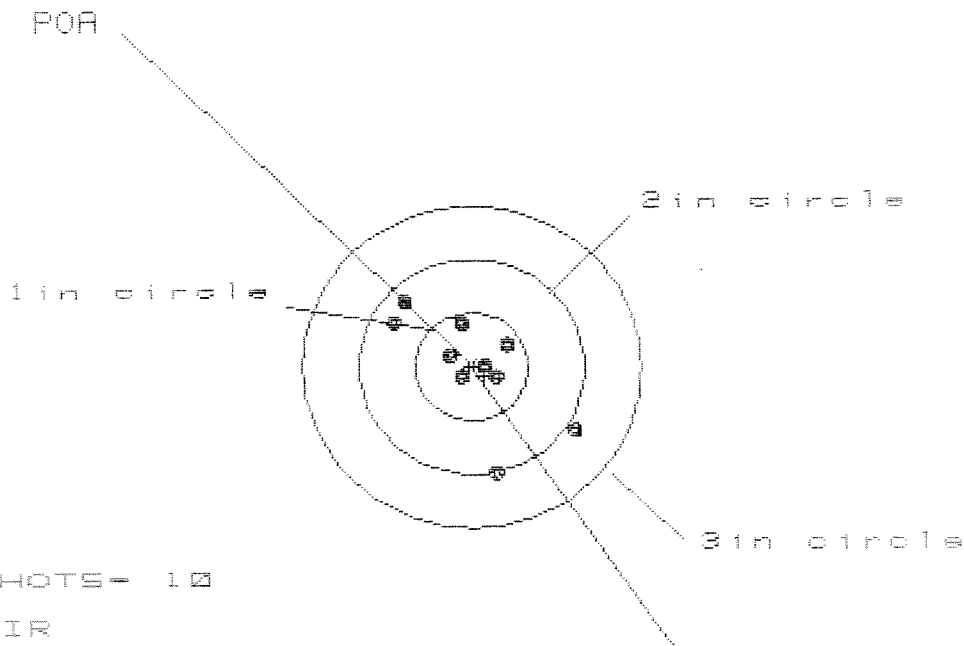
GS= 1.377

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.730	.485	.417
MINIMUM X	:	-.627	-.546	-.520
MAXIMUM Y	:	.611	.592	.539
MINIMUM Y	:	-.504	-.523	-.576
CENTROID X	:	.183	.102	.170
CENTROID Y	:	-.101	-.082	-.029
POA TO CENTROID in.	:	.209	.131	.172
MIN RADIUS	:	.225	.220	.152
MEAN RADIUS	:	.521	.488	.448
MAX RADIUS	:	.750	.713	.711
HORIZONTAL SPREAD	:	1.357	1.031	.937
VERTICAL SPREAD	:	1.115	1.115	1.115
EXTREME SPREAD	:	1.377	1.241	1.241
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10
IN CIR
1in = 8
2in = 8
3in = 10
HS= 1.609
VS= 1.596
GS= 1.872

CENTROID *

PATTERN #	:	4		
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	:	.090	.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	.784
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	

5 Apr 1991

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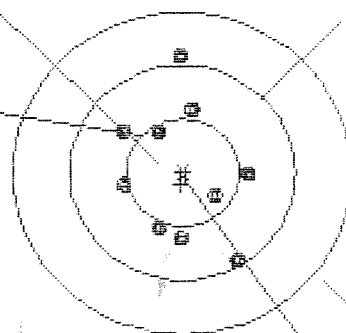
CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 9

3 in = 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	