

06636257

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

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

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

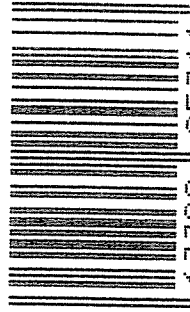
DU PONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6636257

ORDER NO.
5716

20

UPC



0 47700 25716 7



5716 C6636257

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636257

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KS
600	Proof		6/24/91	KS
607	Check Headspace		6/24/91	KS
610	Dis-assemble Gun		6/24/91	KS
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	GS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	KS
	Apply Coating (Bolt)			KS
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-30-91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-31-91	DH
	G) Safety Off Force	4	4	3 1/2			7-31-91	DH
	H) Trigger Pull Test & Retainability						7-30-91	JH
	I) Firing Pin Indent	.021	.020	.021			7-31-91	DH
	J) Assemble Stock						8/1/91	KH
	K) Assemble Swivel Studs						8-6-91	KH
	L) Attach Front and Rear Sight Assemblies						8/1/91	KH
	M) Iron Sight Alignment						8/1/91	KH
	N) Detach Front & Rear Sights & place in numbered container						8/1/91	KH
	O) Attach Scope to Rifle						8/1/91	KH
	P) Detach & Attach Scope 20 Times						8/1/91	KH
640	Gallery Target & Test						8/1/91	KH
	A) Time							KH
	B) Malfunctions							KH
	C) Pierced Primers							KH
	D) Optical Clarity of Scope							KH
645	Inspect for Live Ammo						8/1/91	KH
655	Final Inspection							
	A) Headspace						8-6-91	KH
	B) Trigger Pull	2.20	2.19	2.15	2.22	2.29	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-19-91	NH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 0-6636257DATE 7-30-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.60	2.38	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.36	2.43	2.19	
PULL #3	2.27	2.49	2.46	2.15	
PULL #4	2.35	2.33	2.35	2.22	
PULL #5	2.34	2.32	2.25	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.58		
PULL #2	3.20	3.50		
PULL #3	3.48	3.46		
PULL #4	3.56	3.51		
PULL #5	3.50	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.25		4.34
PULL #2	4.37	4.24		4.28
PULL #3	4.32	4.34		4.27
PULL #4	4.36	4.24		4.21
PULL #5	4.36	4.38		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636257
1 Aug 1991

CENTROIDAL DISTANCES

Ø TO	1	.117992
1 TO	2	.171828
1 TO	3	.211002
1 TO	4	.280029
1 TO	5	.144267



<----POA

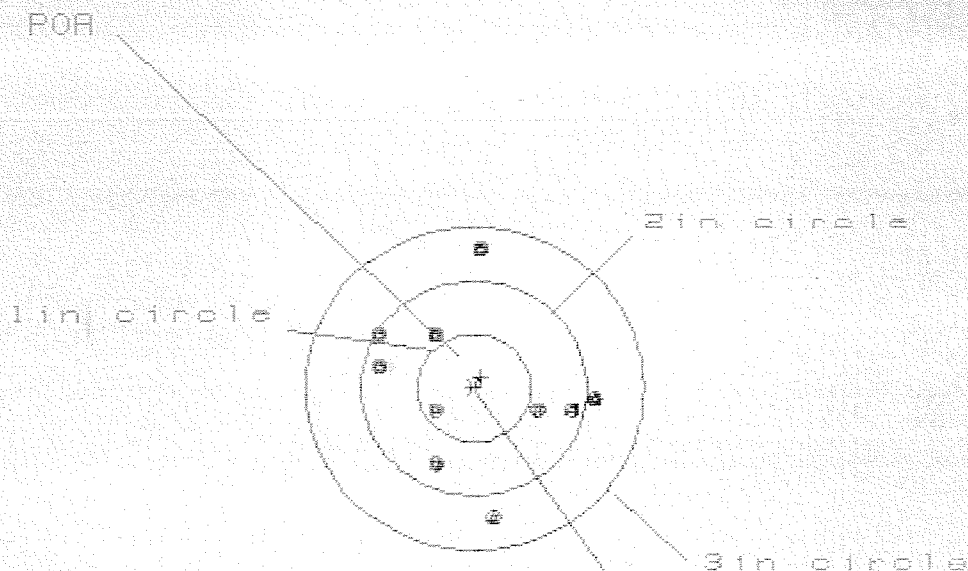
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0742
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0298
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0799605

THE AMR FOR THIS RIFLE IS: 1.156

1 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636257

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 1.951

VS= 2.424

GS= 2.429

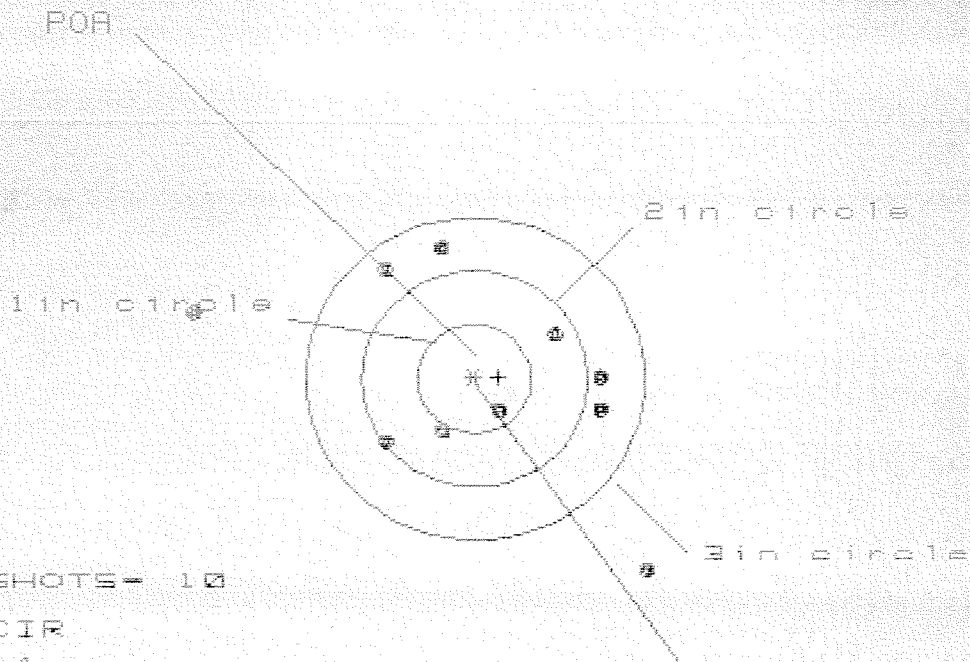
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.065	1.070	1.097
MINIMUM X	-0.886	-0.881	-0.854
MAXIMUM Y	1.267	.643	.516
MINIMUM Y	-1.157	-1.016	-.667
CENTROID X	-.061	-.066	-.093
CENTROID Y	-.101	-.242	-.115
POB TO CENTROID in.	.118	.251	.148
MIN RADIUS	.371	.322	.336
MEAN RADIUS	.856	.798	.761
MAX RADIUS	1.268	1.071	1.101
HORIZONTAL SPREAD	1.951	1.951	1.951
VERTICAL SPREAD	2.424	1.659	1.183
EXTREME SPREAD	2.429	2.032	2.032
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.9666

VS= 2.975

GS= 4.621

CENTROID *

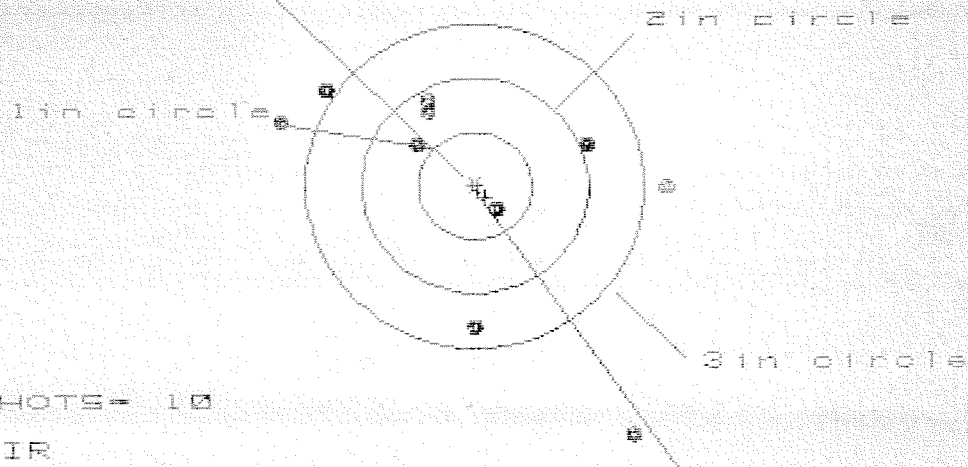
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.194	1.025
MINIMUM X	:	-2.495	-1.111	-.962
MAXIMUM Y	:	1.223	1.291	1.081
MINIMUM Y	:	-1.752	-1.684	-.717
CENTROID X	:	-.212	.065	-.084
CENTROID Y	:	-.019	-.087	.123
POB TO CENTROID in.	:	.213	.109	.149
MIN RADIUS	:	.312	.197	.393
MEAN RADIUS	:	1.246	1.062	.946
MAX RADIUS	:	2.571	2.064	1.321
HORIZONTAL SPREAD	:	3.966	2.305	1.987
VERTICAL SPREAD	:	2.975	2.975	1.798
EXTREME SPREAD	:	4.621	3.627	2.378
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 3.453

VS= 3.199

GS= 4.295

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.697	1.846	1.645
MINIMUM X	:	-1.756	-1.607	-1.321
MAXIMUM Y	:	.850	.589	.635
MINIMUM Y	:	-2.349	-1.528	-1.402
CENTROID X	:	-.090	-.239	-.039
CENTROID Y	:	.100	.369	.323
POB TO CENTROID in.	:	.140	.440	.325
MIN RADIUS	:	.303	.392	.457
MEAN RADIUS	:	1.280	1.062	1.003
MAX RADIUS	:	2.705	1.860	1.655
HORIZONTAL SPREAD	:	3.453	3.453	2.966
VERTICAL SPREAD	:	3.199	2.117	2.117
EXTREME SPREAD	:	4.295	3.503	3.075
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

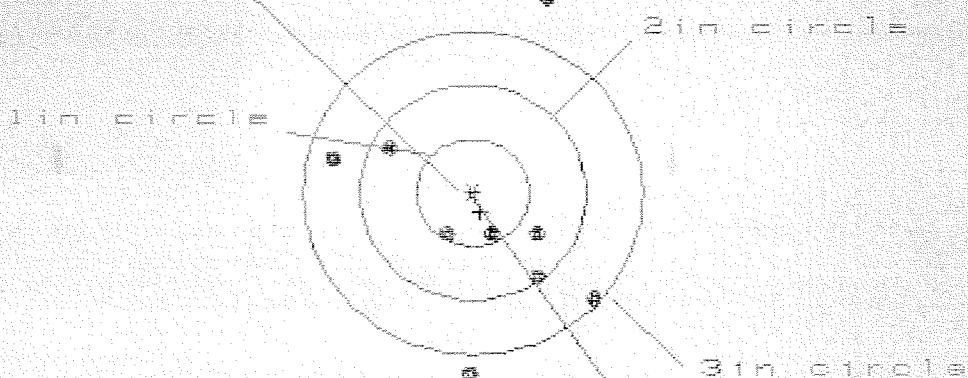
1 Aug 1991

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CENTERFIRE PATTERNS

4

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.326

VS= 3.718

GS= 3.778

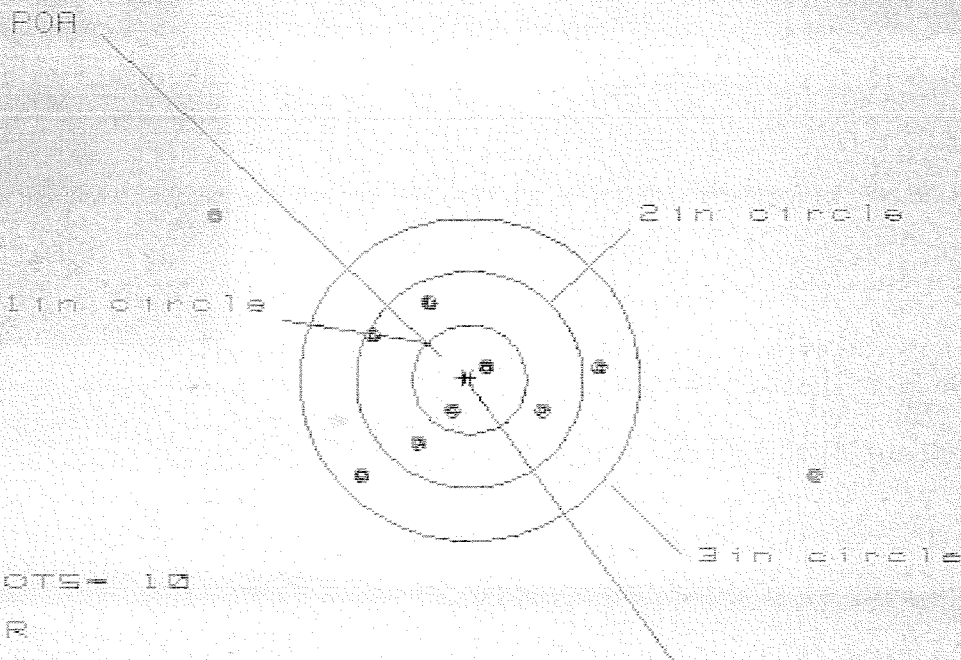
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	1.010	1.079
MINIMUM X	:	-1.236	-1.316	-1.246
MAXIMUM Y	:	2.080	2.028	.916
MINIMUM Y	:	-1.638	-1.407	-1.153
CENTROID X	:	-.065	.015	-.055
CENTROID Y	:	.179	-.052	-.306
POB TO CENTROID in.	:	.190	.054	.311
MIN RADIUS	:	.454	.213	.201
MEAN RADIUS	:	1.193	1.010	.834
MAX RADIUS	:	2.201	2.102	1.474
HORIZONTAL SPREAD	:	2.326	2.326	2.326
VERTICAL SPREAD	:	3.718	3.435	2.069
EXTREME SPREAD	:	3.778	3.501	2.654
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 5.325

VS = 2.416

GS = 5.832

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	3.058	1.450	1.209
MINIMUM X	-2.267	-1.927	-.815
MAXIMUM Y	1.500	1.403	.828
MINIMUM Y	-.916	-1.013	-.838
CENTROID X	.057	-.283	-.042
CENTROID Y	-.018	.079	-.096
POA TO CENTROID in.	.060	.294	.105
MIN RADIUS	.230	.466	.233
MEAN RADIUS	1.207	.997	.765
MAX RADIUS	3.182	2.384	1.228
HORIZONTAL SPREAD	5.325	3.377	2.024
VERTICAL SPREAD	2.416	2.416	1.666
EXTREME SPREAD	5.832	3.641	2.282
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		