

C6636043

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

MODEL 700™ H24

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

SERIAL NO.
C6636043

ORDER NO.
5716

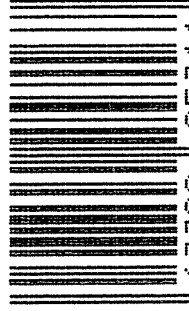
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6636043

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636043

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/23/91	K.S.
600	Proof		4/23/91	K.S.
607	Check Headspace		4/23/91	K.S.
610	Dis-assemble Gun		4/23/91	K.S.
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GB
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5/21/91	1/1
	Apply Coating (Bolt)		5/21/91	1/1
625	Final Assembly A) Clean inside of Bolt Assembly		7/15/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/15/91	KA
	C) Inspect Ejector Hole for Chamfer		7/15/91	KA
	D) Oil Firing Pin Ass'y		7/15/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		7/16/91	KA

Op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/4	6 1/4	6 1/4			7/16/91	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			7/16/91	WB
	H) Trigger Pull Test & Retainability						7-16-91	SP
	I) Firing Pin Indent	.022	.0212	.023			7/16/91	WB
	J) Assemble Stock						7/18/91	KS
	K) Assemble Swivel Studs						7-19-91	D/H
	L) Attach Front and Rear Sight Assemblies						7/18/91	KS
	M) Iron Sight Alignment						7/18/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/18/91	KS
	O) Attach Scope to Rifle						7/18/91	KS
	P) Detach & Attach Scope 20 Times						7/18/91	KS
640	Gallery Target & Test						7-24-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						7-24-91	NF
655	Final Inspection							
	A) Headspace						7-26-91	D/H
	B) Trigger Pull	254	251	254	258	261	7-26-91	SP
	C) Function						7-26-91	D/H
660	Pack						9-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6636043

DATE 7-16-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.27	2.28	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.27	2.30	2.51	
PULL #3	2.42	2.28	2.36	2.54	
PULL #4	2.40	2.19	2.40	2.58	
PULL #5	2.26	2.26	2.22	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.56		
PULL #2	3.54	3.56		
PULL #3	3.52	3.52		
PULL #4	3.51	3.50		
PULL #5	3.47	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	4.41	4.49		4.32
PULL #2	4.44	4.41		4.41
PULL #3	4.53	4.50		4.42
PULL #4	4.48	4.44		4.50
PULL #5	4.47	4.13		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06636043
 24 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.0487545
1 TO	2	.3360006
1 TO	3	.212812
1 TO	4	.165303
1 TO	5	.734654

5
 23
 4

-----POA

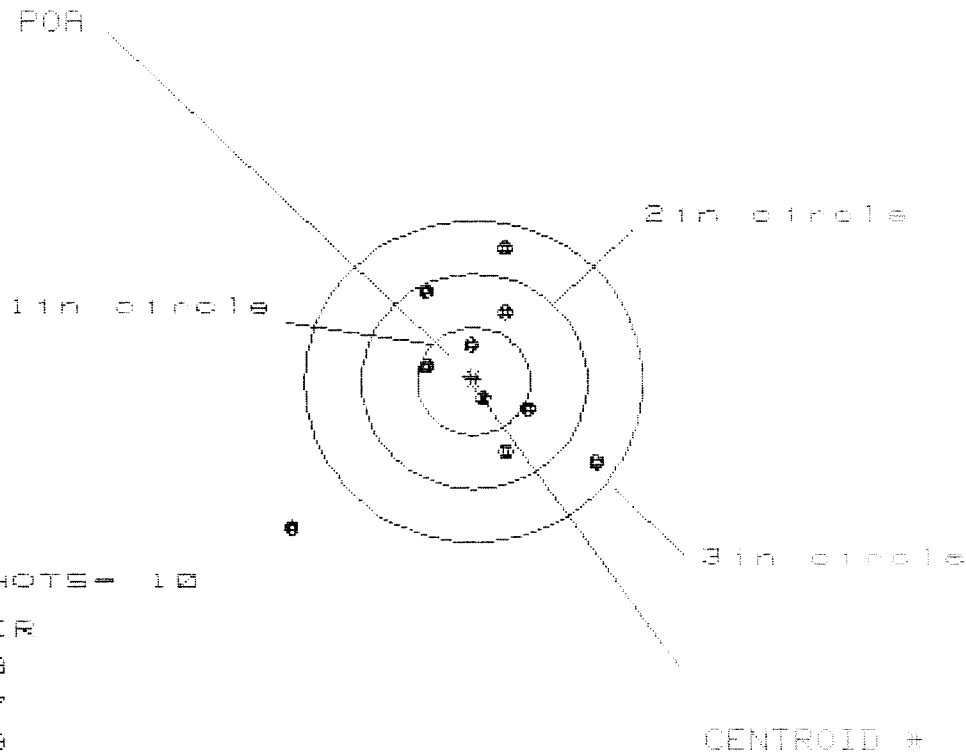
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0946
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .228
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2466%

THE AMR FOR THIS RIFLE IS: .9782

24 Jul 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08836043

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.746

VS= 2.587

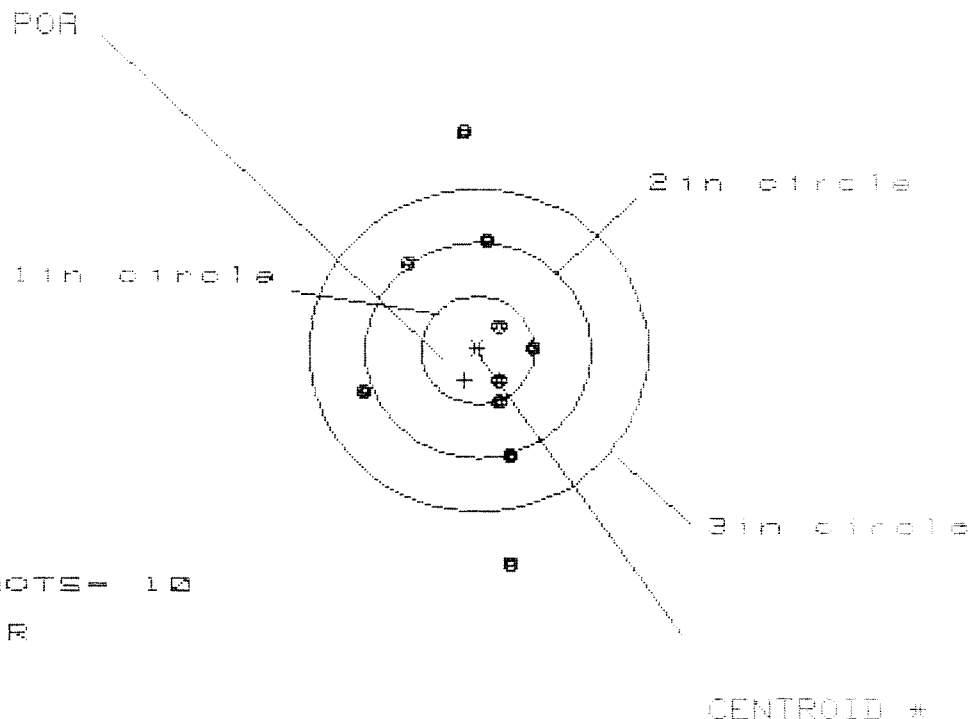
GS= 3.200

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.118	.937	.422
MINIMUM X	-1.628	-.579	-.462
MAXIMUM Y	1.211	1.058	.946
MINIMUM Y	-1.376	-.893	-.939
CENTROID X	.021	.202	.085
CENTROID Y	-.044	.109	.221
POA TO CENTROID in.	.049	.230	.237
MIN RADIUS	.207	.278	.117
MEAN RADIUS	.866	.712	.612
MAX RADIUS	2.132	1.294	.965
HORIZONTAL SPREAD	2.746	1.516	.884
VERTICAL SPREAD	2.587	1.951	1.885
EXTREME SPREAD	3.200	2.216	1.885
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

24 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08696043

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 8

HS = 1.515

VS = 4.028

GS = 4.052

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.473	.507	.494
MINIMUM X	-1.042	-1.008	-1.021
MAXIMUM Y	2.009	1.785	.978
MINIMUM Y	-2.019	-1.205	-.982
CENTROID X	.117	.083	.096
CENTROID Y	.278	.502	.279
POR TO CENTROID in.	.301	.509	.295
MIN RADIUS	.309	.264	.323
MEAN RADIUS	.980	.872	.723
MAX RADIUS	2.041	1.788	1.879
HORIZONTAL SPREAD	1.515	1.515	1.515
VERTICAL SPREAD	4.028	2.990	1.960
EXTREME SPREAD	4.052	3.024	2.013
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

24 Jul 1991

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CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 6

HS= 3.445

VS= 2.549

GS= 3.481

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.697	1.502	.898
MINIMUM X	:	-1.748	-1.505	-1.317
MAXIMUM Y	:	1.077	1.044	1.065
MINIMUM Y	:	-1.472	-1.505	-1.484
CENTROID X	:	-.024	.171	-.017
CENTROID Y	:	.164	.197	.176
POA TO CENTROID in.	:	.166	.261	.176
MIN RADIUS	:	.189	.136	.199
MEAN RADIUS	:	1.030	.911	.851
MAX RADIUS	:	1.773	1.831	1.694
HORIZONTAL SPREAD	:	3.445	3.007	2.215
VERTICAL SPREAD	:	2.549	2.549	2.549
EXTREME SPREAD	:	3.481	3.131	2.707
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

24 Jul 1991

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.143

VS= 3.022

GS= 3.088

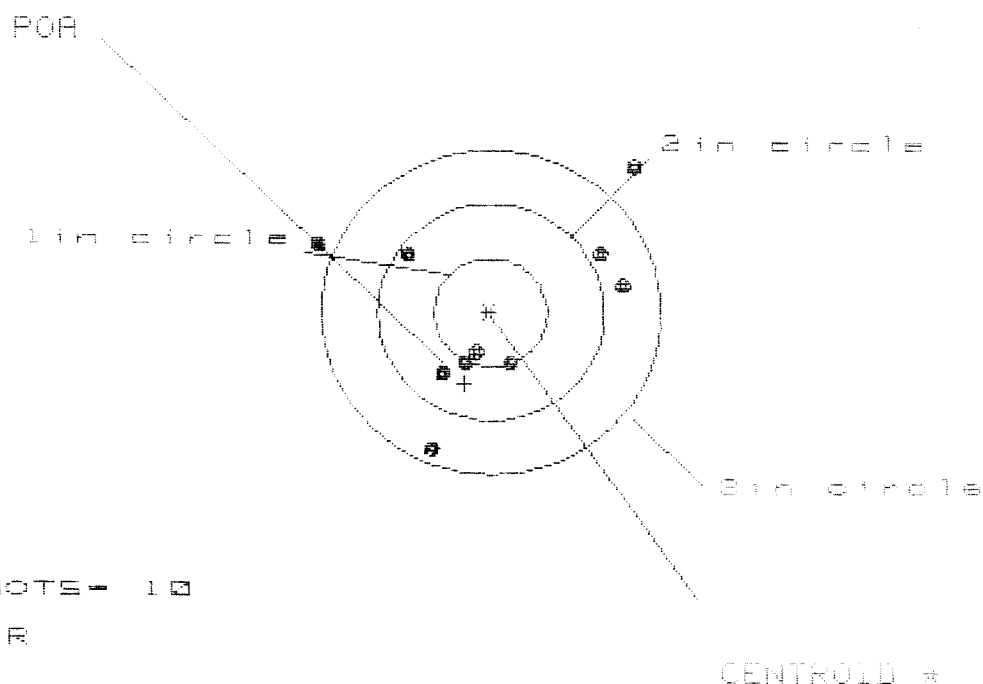
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.887	.730
MINIMUM X	:	-1.263	-1.256	-1.620
MAXIMUM Y	:	.874	.636	.682
MINIMUM Y	:	-2.148	-1.188	-1.142
CENTROID X	:	.128	.115	.272
CENTROID Y	:	.082	.320	.274
POA TO CENTROID in.	:	.152	.340	.386
MIN RADIUS	:	.506	.464	.420
MEAN RADIUS	:	1.012	.840	.776
MAX RADIUS	:	2.151	1.483	1.355
HORIZONTAL SPREAD	:	2.143	2.143	1.350
VERTICAL SPREAD	:	3.022	1.824	1.824
EXTREME SPREAD	:	3.088	2.652	2.152
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

24 JUL 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.736

VS = 2.587

GS = 3.123

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.230	1.262	1.091
MINIMUM X	-1.506	-1.370	-1.782
MAXIMUM Y	1.307	.742	.768
MINIMUM Y	-1.200	-1.135	-1.042
CENTROID X	.231	.095	.266
CENTROID Y	.660	.515	.422
POA TO CENTROID in.	.700	.524	.499
MIN RADIUS	.393	.228	.207
MEAN RADIUS	1.003	.861	.750
MAX RADIUS	1.794	1.558	1.194
HORIZONTAL SPREAD	2.736	2.632	1.873
VERTICAL SPREAD	2.587	1.877	1.810
EXTREME SPREAD	3.123	2.661	2.330
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		