

C6649262

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

*Still
more.*

Remington® **DU PONT**
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.

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

SERIAL NO.
C6649262

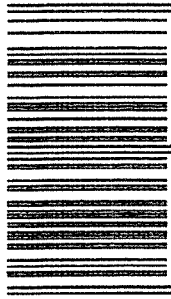
ORDER NO.
5716

20



5716 C6649262

LPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649262

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	LS
617	Drill and Tap Sight Holes	JUL	1 1991	FB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	AS
	Apply Coating (Bolt)			AS
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9.3.91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/3/91	SL
	G) Safety Off Force	4	4	4			9/3/91	SL
	H) Trigger Pull Test & Retainability						9/3/91	SL
	I) Firing Pin Indent	10215	10215	10215			9/3/91	SL
	J) Assemble Stock						9/3/91	RW
	K) Assemble Swivel Studs						9-9-91	K
	L) Attach Front and Rear Sight Assemblies						9/3/91	RW
	M) Iron Sight Alignment						9/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/3/91	RW
	O) Attach Scope to Rifle						9/3/91	RW
	P) Detach & Attach Scope 20 Times						9/3/91	RW
640	Gallery Target & Test						9-3-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						9-3-91	AF
655	Final Inspection							
	A) Headspace						9-9-91	K
	B) Trigger Pull	227	233	229	238	261	9-6-91	SL
	C) Function						9-9-91	AC
660	Pack						9-17-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 6649262

DATE 9-3-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.24	2.30	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.25	2.35	2.33	
PULL #3	2.34	2.22	2.25	2.29	
PULL #4	2.29	2.30	2.20	2.38	
PULL #5	2.32	2.19	2.20	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.65		
PULL #2	3.62	3.54		
PULL #3	3.53	3.54		
PULL #4	3.62	3.52		
PULL #5	3.65	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.35		4.40
PULL #2	4.38	4.32		4.46
PULL #3	4.44	4.39		4.34
PULL #4	4.42	4.38		4.38
PULL #5	4.20	4.35		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649262
4 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.579677
1 TO	2	.383275
1 TO	3	.189932
1 TO	4	.326974
1 TO	5	.552241

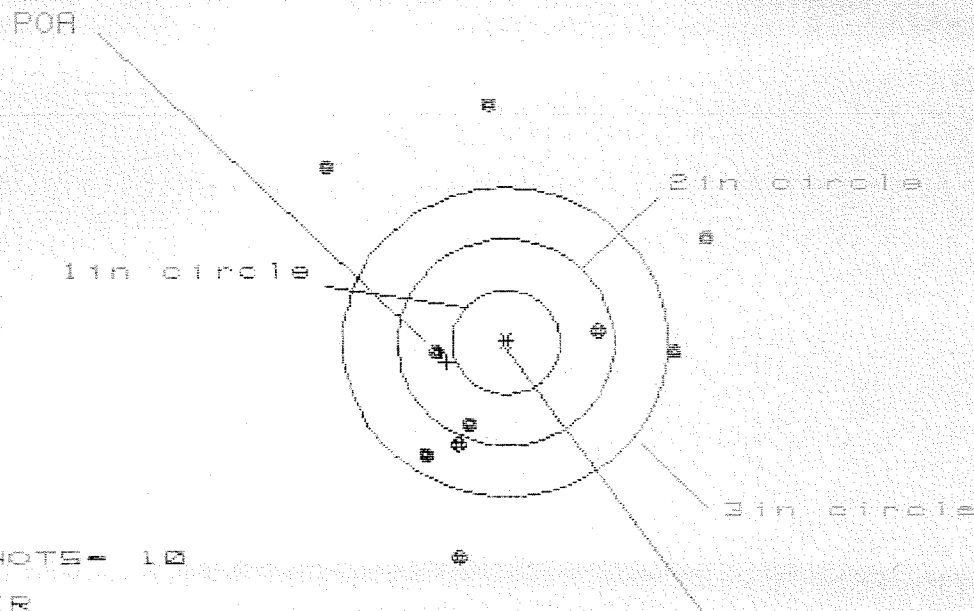
41th <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .284
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1682
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .330072
THE AMR FOR THIS RIFLE IS: 1.022

3 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649262

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 3.403

VS= 4.394

GS= 4.403

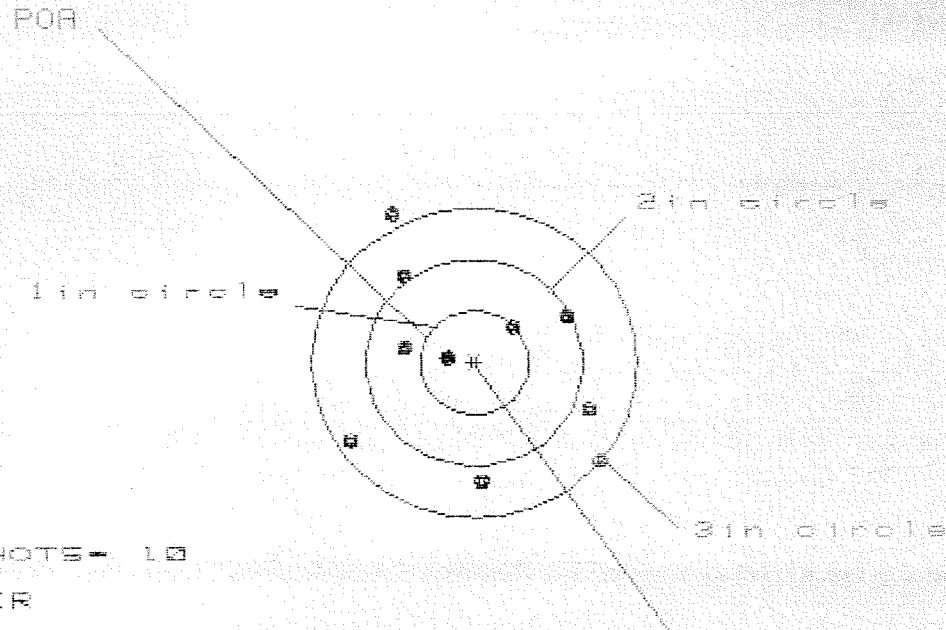
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.878	1.699	1.661
MINIMUM X	-1.605	-0.916	-0.954
MAXIMUM Y	2.325	2.514	1.499
MINIMUM Y	-2.069	-1.880	-1.566
CENTROID X	.548	.727	.765
CENTROID Y	.189	-0.000	-.314
POA TO CENTROID in.	.580	.727	.827
MIN RADIUS	.635	.754	.587
MEAN RADIUS	1.525	1.403	1.218
MAX RADIUS	2.340	2.533	2.237
HORIZONTAL SPREAD	3.483	2.615	2.615
VERTICAL SPREAD	4.394	4.394	3.065
EXTREME SPREAD	4.403	4.403	3.829
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

3-Sep-1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.221

VS= 2.631

GS= 3.018

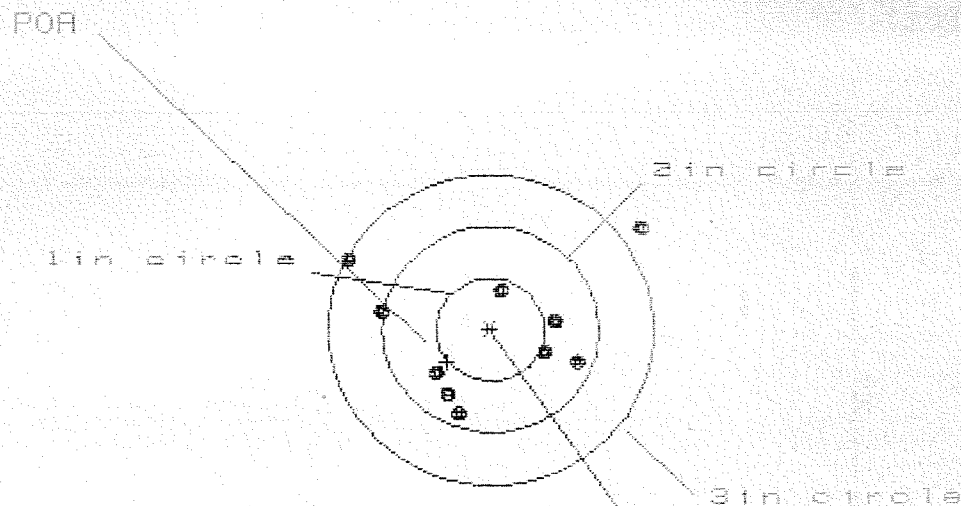
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.104	1.020	1.099
MINIMUM X	-1.117	-1.201	-1.073
MAXIMUM Y	1.464	.968	.874
MINIMUM Y	-1.167	-1.004	-1.098
CENTROID X	.246	.330	.202
CENTROID Y	-.047	-.210	-.116
POA TO CENTROID in.	.251	.391	.233
MIN RADIUS	.279	.416	.258
MEAN RADIUS	1.011	.949	.880
MAX RADIUS	1.645	1.319	1.250
HORIZONTAL SPREAD	2.221	2.221	2.162
VERTICAL SPREAD	2.631	1.972	1.972
EXTREME SPREAD	3.018	2.473	2.293
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 2.670

VS= 1.784

GS= 2.682

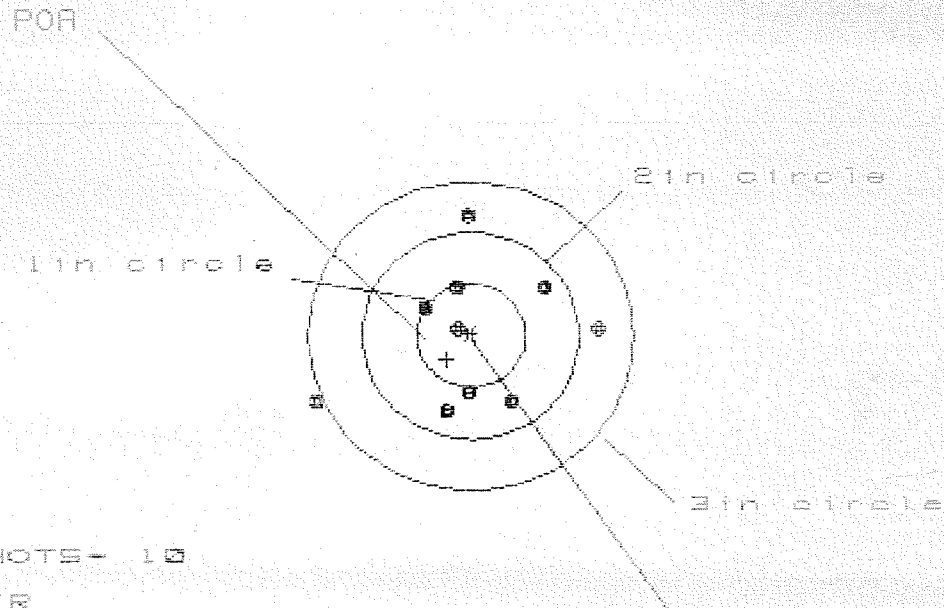
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.384	.952	.811
MINIMUM X	:	-1.285	-1.132	-.942
MAXIMUM Y	:	.948	.739	.598
MINIMUM Y	:	-.836	-.730	-.631
CENTROID X	:	.405	.251	.392
CENTROID Y	:	.314	.208	.109
POA TO CENTROID in.	:	.512	.326	.407
MIN RADIUS	:	.401	.446	.502
MEAN RADIUS	:	.882	.780	.683
MAX RADIUS	:	1.678	1.385	1.036
HORIZONTAL SPREAD	:	2.670	2.084	1.753
VERTICAL SPREAD	:	1.784	1.529	1.229
EXTREME SPREAD	:	2.682	2.300	1.824
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.588

VS= 1.937

GS= 2.689

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.214	1.061	.685
MINIMUM X	-1.374	-.584	-.451
MAXIMUM Y	1.210	1.138	1.141
MINIMUM Y	-.727	-.799	-.796
CENTROID X	.224	.377	.244
CENTROID Y	.233	.305	.302
POA TO CENTROID in.	.323	.484	.389
MIN RADIUS	.158	.288	.156
MEAN RADIUS	.791	.721	.647
MAX RADIUS	1.516	1.146	1.141
HORIZONTAL SPREAD	2.588	1.645	1.136
VERTICAL SPREAD	1.937	1.937	1.937
EXTREME SPREAD	2.689	1.952	1.952
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.091

VS= 2.354

GS= 2.511

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.097	1.176	1.226
MINIMUM X	:	-.994	-.872	-.822
MAXIMUM Y	:	1.324	.759	.648
MINIMUM Y	:	-1.038	-.883	-.731
CENTROID X	:	-.003	-.125	-.175
CENTROID Y	:	.152	.004	.115
POA TO CENTROID in.	:	.152	.125	.209
MIN RADIUS	:	.386	.288	.171
MEAN RADIUS	:	.901	.777	.740
MAX RADIUS	:	1.719	1.180	1.226
HORIZONTAL SPREAD	:	2.091	2.048	2.048
VERTICAL SPREAD	:	2.354	1.642	1.379
EXTREME SPREAD	:	2.511	2.052	2.052
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	