

C6611591

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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.

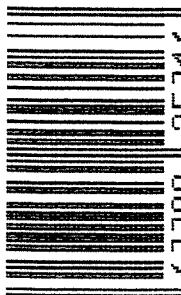
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6611591	46
ORDER NO. 5716	



5716 C6611591

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611591

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28 91		RW
600	Proof	3 28 91		RW
607	Check Headspace	3 28 91		RW
610	Dis-assemble Gun	3 28 91		RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	CC
615	Rollmark Caliber	APR	2 1991	GS
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4/10/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/17/91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/18/91	SL
	G) Safety Off Force	4	4	4			4/18/91	SL
	H) Trigger Pull Test & Retainability						4/17/91	SL
	I) Firing Pin Indent	.023	.0235	.0235			4/18/91	SL
	J) Assemble Stock						4/22/91	RW
	K) Assemble Swivel Studs						4-24-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/22/91	RW
	M) Iron Sight Alignment						4/22/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/22/91	RW
	O) Attach Scope to Rifle						4/22/91	RW
	P) Detach & Attach Scope 20 Times						4/22/91	RW
640	Gallery Target & Test						4/22/91	K2
	A) Time							K2
	B) Malfunctions							K2
	C) Pierced Primers							K2
	D) Optical Clarity of Scope							K2
645	Inspect for Live Ammo						4/22/91	K2
655	Final Inspection							
	A) Headspace						4-24-91	D/H
	B) Trigger Pull	2-31	2-29	2-29	2-29	2-32	4/23/91	SL
	C) Function						4-24-91	D/H
660	Pack						6-18-91	W

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611591

DATE 4/17/91

TESTER J21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.28	2.17	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.57	2.21	2.29	
PULL #3	2.39	2.24	2.20	2.29	
PULL #4	2.41	2.31	2.13	2.29	
PULL #5	2.44	2.35	2.17	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.33		
PULL #2	3.23	3.30		
PULL #3	3.26	3.30		
PULL #4	3.20	3.37		
PULL #5	3.29	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.36		4.23
PULL #2	4.42	4.24		4.35
PULL #3	4.36	4.35		4.33
PULL #4	4.41	4.34		4.22
PULL #5	4.39	4.24		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611591
22 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.447072
1 TO	2	.64486
1 TO	3	.596969
1 TO	4	.841999
1 TO	5	.623258

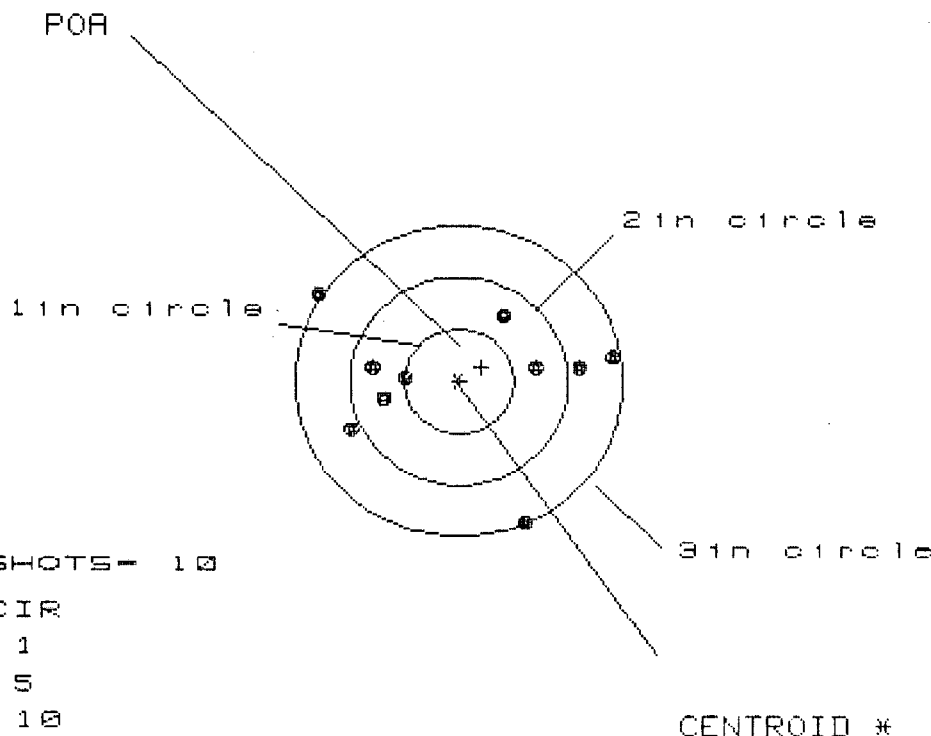
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0756
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .116014
THE AMR FOR THIS RIFLE IS: .8844

22 Apr 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.659

VS= 2.154

GS= 2.821

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.416	1.480	1.333
MINIMUM X	:	-1.243	-1.179	-1.088
MAXIMUM Y	:	.794	.643	.554
MINIMUM Y	:	-1.360	-.632	-.552
CENTROID X	:	-.207	-.271	-.124
CENTROID Y	:	-.138	.013	-.067
POA TO CENTROID in.	:	.249	.272	.141
MIN RADIUS	:	.475	.420	.555
MEAN RADIUS	:	1.010	.941	.892
MAX RADIUS	:	1.478	1.482	1.342
HORIZONTAL SPREAD	:	2.659	2.659	2.421
VERTICAL SPREAD	:	2.154	1.275	1.106
EXTREME SPREAD	:	2.821	2.718	2.523
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.181

VS= 2.634

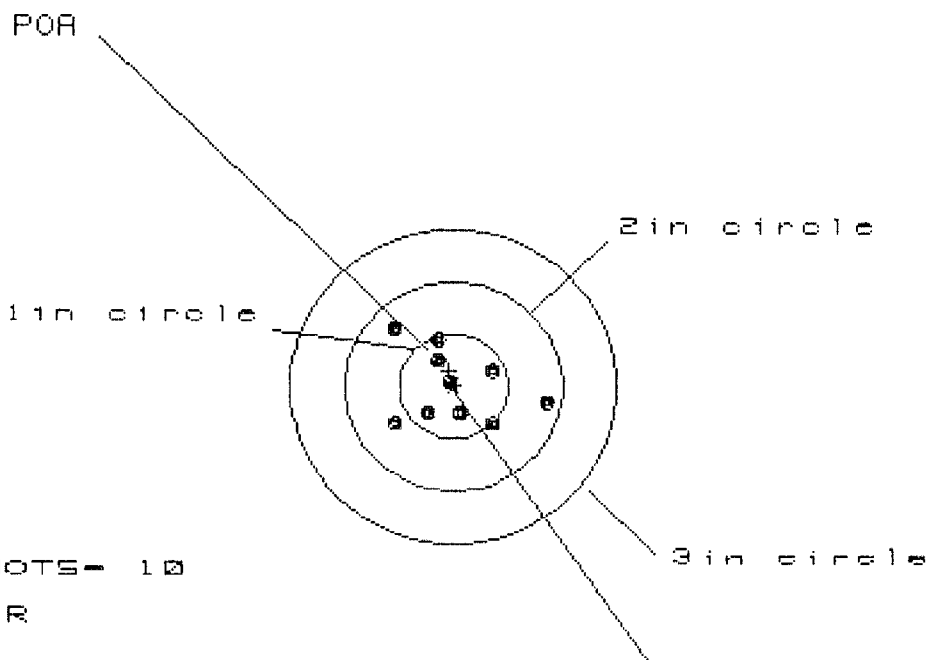
GS= 2.685

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.603	.572	.599
MINIMUM X	:	-.578	-.609	-.582
MAXIMUM Y	:	1.189	1.028	.680
MINIMUM Y	:	-1.445	-.596	-.467
CENTROID X	:	-.033	-.002	-.029
CENTROID Y	:	-.394	-.233	-.361
POA TO CENTROID in.	:	.395	.233	.363
MIN RADIUS	:	.412	.490	.439
MEAN RADIUS	:	.759	.683	.616
MAX RADIUS	:	1.472	1.049	.896
HORIZONTAL SPREAD	:	1.181	1.181	1.181
VERTICAL SPREAD	:	2.634	1.624	1.148
EXTREME SPREAD	:	2.685	1.664	1.647
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 7

2in = 10

3in = 10

HS= 1.380

VS= .913

GS= 1.510

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.454	.405
MINIMUM X	:	-.510	-.413	-.462
MAXIMUM Y	:	.526	.512	.532
MINIMUM Y	:	-.387	-.401	-.337
CENTROID X	:	.042	-.055	-.006
CENTROID Y	:	-.149	-.135	-.199
POA TO CENTROID in.	:	.155	.146	.199
MIN RADIUS	:	.090	.106	.141
MEAN RADIUS	:	.467	.416	.384
MAX RADIUS	:	.879	.647	.572
HORIZONTAL SPREAD	:	1.380	.867	.867
VERTICAL SPREAD	:	.913	.913	.869
EXTREME SPREAD	:	1.510	1.189	.996
NUMBER IN ONE INCH CIRCLE	=		7	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

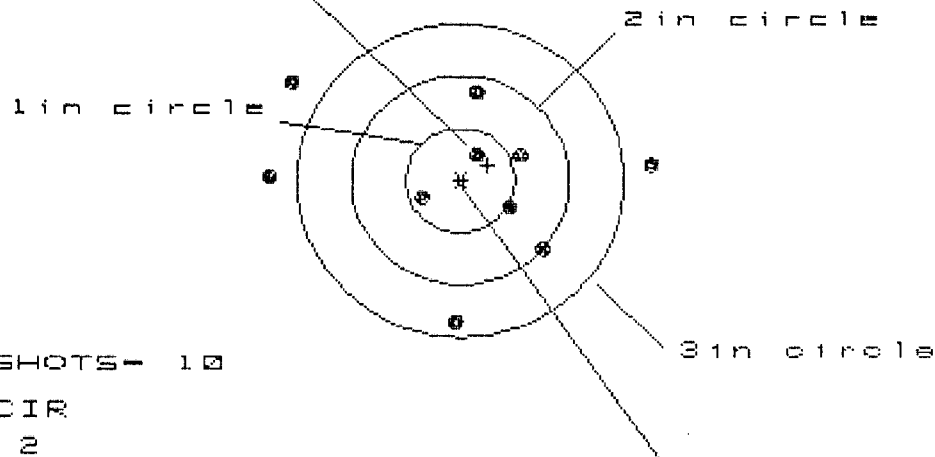
22 Apr 1991

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.516

VS= 2.317

GS= 3.517

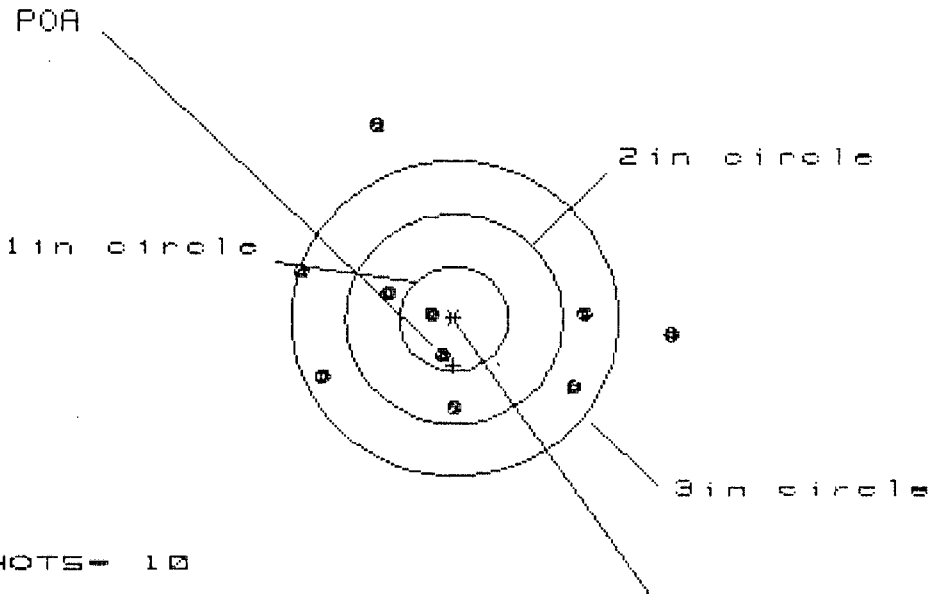
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.739	1.567	1.323
MINIMUM X	:	-1.777	-1.949	-.734
MAXIMUM Y	:	.954	.983	.998
MINIMUM Y	:	-1.363	-1.257	-1.242
CENTROID X	:	-.250	-.078	.166
CENTROID Y	:	-.144	-.250	-.265
POA TO CENTROID in.	:	.289	.262	.313
MIN RADIUS	:	.270	.320	.123
MEAN RADIUS	:	1.037	.926	.767
MAX RADIUS	:	1.819	1.953	1.344
HORIZONTAL SPREAD	:	3.516	3.516	2.057
VERTICAL SPREAD	:	2.317	2.240	2.240
EXTREME SPREAD	:	3.517	3.517	2.359
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 = 4

3 in = 7

HS= 3.455

VS= 2.684

GS= 3.510

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.998	1.443	1.380
MINIMUM X	-1.457	-1.235	-1.298
MAXIMUM Y	1.827	1.807	.643
MINIMUM Y	-.857	-.877	-.651
CENTROID X	.008	-.214	-.151
CENTROID Y	.447	.467	.241
POA TO CENTROID in.	.447	.514	.285
MIN RADIUS	.236	.027	.158
MEAN RADIUS	1.149	1.007	.883
MAX RADIUS	2.006	1.876	1.449
HORIZONTAL SPREAD	3.455	2.678	2.678
VERTICAL SPREAD	2.684	2.684	1.294
EXTREME SPREAD	3.510	3.091	2.799
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		