

C6611600

MODEL 700TM N24

Model **SMS**TM

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.

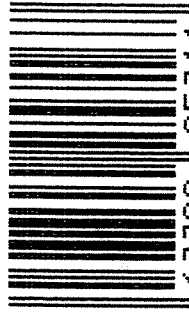
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6611600	ORDER NO. 5716
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5716 C6611600

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611600

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	3/19/91	K.S.
600	Proof		3/19/91	K.S.
607	Check Headspace		3/19/91	K.S.
610	Dis-assemble Gun		3/19/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		APR 3 1991	LB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/26/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/26/91	KS
	C) Inspect Ejector Hole for Chamfer		4/26/91	KS
	D) Oil Firing Pin Ass'y		4/26/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/30/91	JS

Op. #	DESCRIPTION	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	6	6	6			5/1/91	JH
	G) Safety Off Force	4	4	4			5/1/91	JH
	H) Trigger Pull Test & Retainability						4/30/91	JH
	I) Firing Pin Indent	0.022	0.022	0.022			5/1/91	JH
	J) Assemble Stock						5/2/91	KS
	K) Assemble Swivel Studs						5-1-91	DH
	L) Attach Front and Rear Sight Assemblies						5/2/91	KS
	M) Iron Sight Alignment						5/2/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/2/91	KS
	O) Attach Scope to Rifle						5/2/91	KS
	P) Detach & Attach Scope 20 Times						5/2/91	KS
640	Gallery Target & Test						5-3-91	AC
	A) Time						5-3-91	AC
	B) Malfunctions						5-3-91	AC
	C) Pierced Primers						5-3-91	AC
	D) Optical Clarity of Scope						5-3-91	AC
645	Inspect for Live Ammo						5-3-91	AC
655	Final Inspection							
	A) Headspace						5-11-91	DH
	B) Trigger Pull	2.32	2.30	2.20	2.15	2.14	5/19/91	JH
	C) Function						5-11-91	DH
660	Pack						6-18-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611600

DATE 4/30/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.29	2.40	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.35	2.36	2.30	
PULL #3	2.35	2.43	2.48	2.20	
PULL #4	2.30	2.39	2.36	2.15	
PULL #5	2.36	2.38	2.30	2.14	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.33		
PULL #2	3.33	3.20		
PULL #3	3.35	3.31		
PULL #4	3.17	3.31		
PULL #5	3.33	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.52		4.35
PULL #2	4.40	4.30		4.34
PULL #3	4.43	4.46		4.52
PULL #4	4.37	4.39		4.39
PULL #5	4.32	4.48		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611600
3 May 1991

CENTROIDAL DISTANCES

0 TO	1	.119541
1 TO	2	.215081
1 TO	3	.10632
1 TO	4	.268425
1 TO	5	.197449

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1148
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119729
THE AMR FOR THIS RIFLE IS: 1.099

3 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611600

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 7

HS= 3.099

VS= 2.108

GS= 3.099

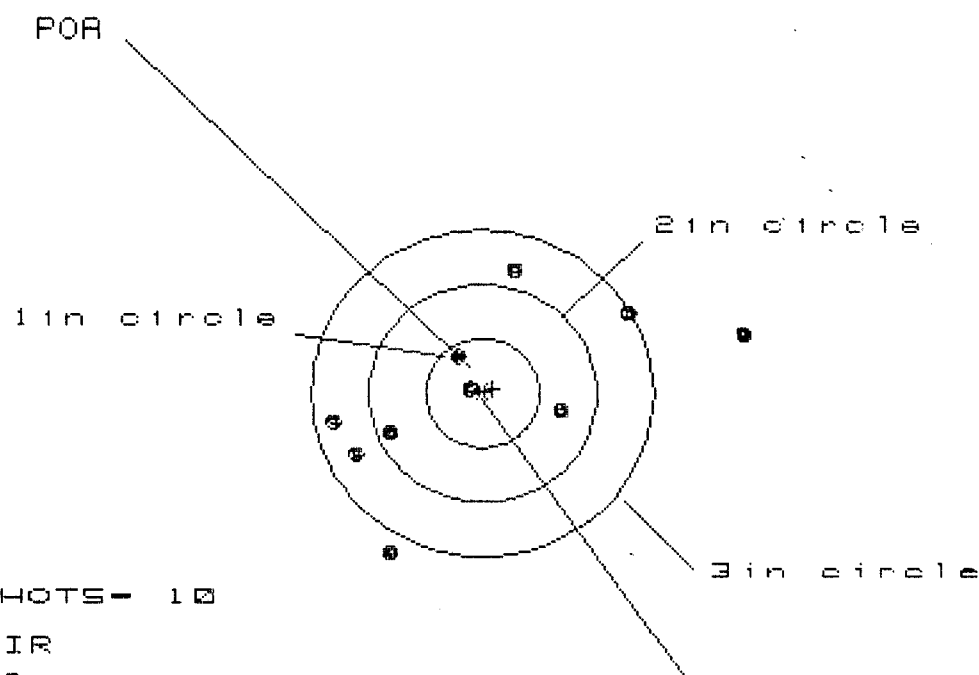
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.515	1.339	.846
MINIMUM X	:	-1.584	-.983	-.816
MAXIMUM Y	:	.605	.563	.506
MINIMUM Y	:	-1.503	-1.545	-1.602
CENTROID X	:	.099	.275	.108
CENTROID Y	:	.067	.109	.166
POA TO CENTROID in.	:	.120	.296	.198
MIN RADIUS	:	.332	.376	.239
MEAN RADIUS	:	.968	.879	.777
MAX RADIUS	:	1.630	1.559	1.646
HORIZONTAL SPREAD	:	3.099	2.322	1.662
VERTICAL SPREAD	:	2.108	2.108	2.108
EXTREME SPREAD	:	3.099	2.461	2.383
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	7		

3 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.600

VS= 2.639

GS= 3.688

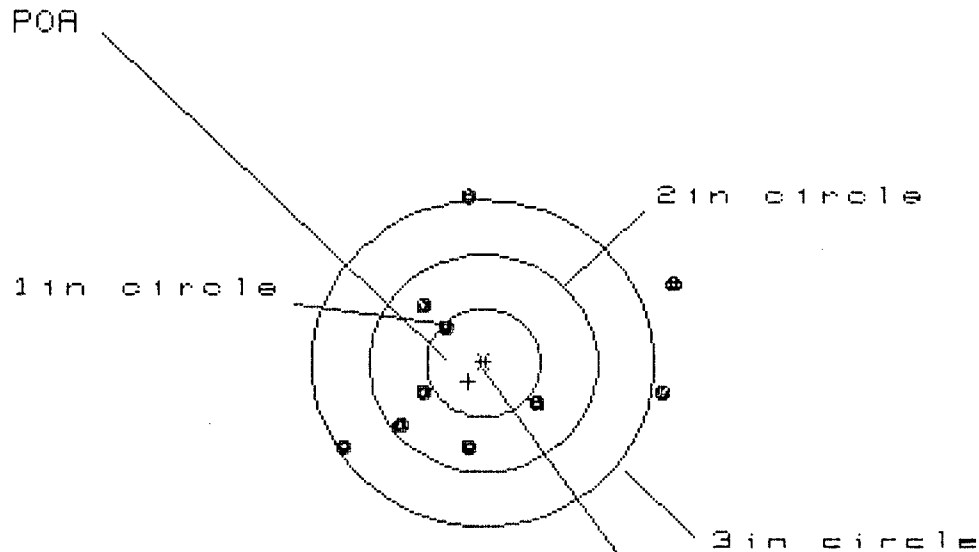
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.273	1.512	1.441
MINIMUM X	:	-1.327	-1.074	-1.145
MAXIMUM Y	:	1.184	1.243	1.069
MINIMUM Y	:	-1.455	-1.396	-.694
CENTROID X	:	-.087	-.340	-.269
CENTROID Y	:	-.041	-.099	.075
POA TO CENTROID in.	:	.096	.354	.279
MIN RADIUS	:	.136	.202	.081
MEAN RADIUS	:	1.147	.989	.896
MAX RADIUS	:	2.333	1.688	1.552
HORIZONTAL SPREAD	:	3.600	2.586	2.586
VERTICAL SPREAD	:	2.639	2.639	1.762
EXTREME SPREAD	:	3.688	2.989	2.761
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 6

HS= 2.895

VS= 2.376

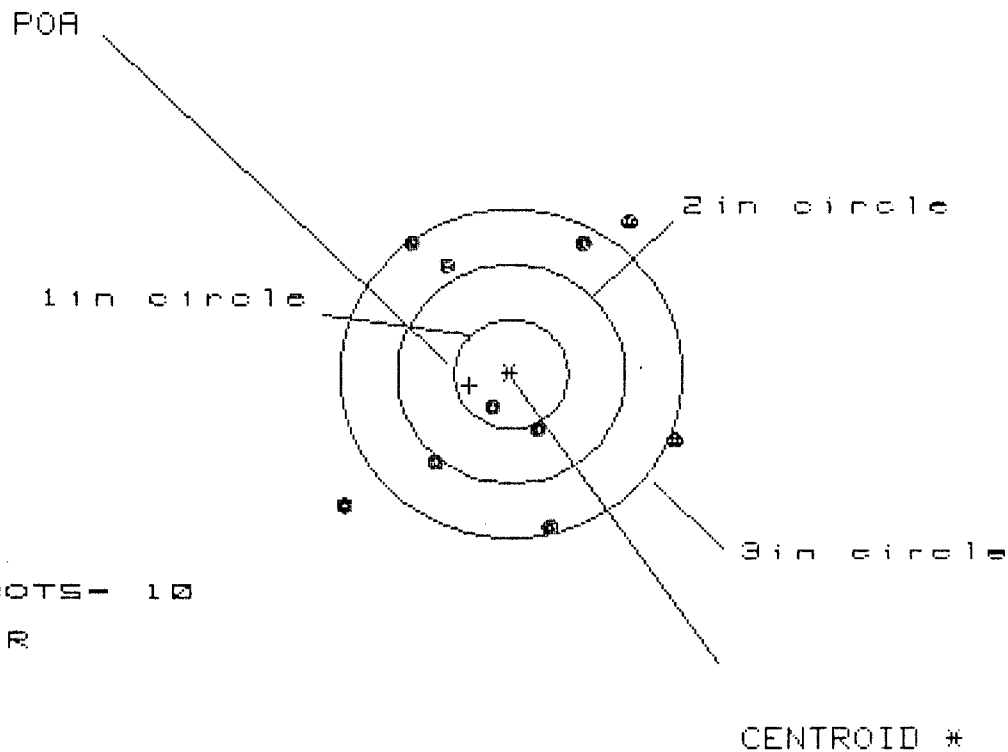
GS= 3.261

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.623	1.775	.871
MINIMUM X	:	-1.272	-1.092	-.870
MAXIMUM Y	:	1.568	1.645	1.617
MINIMUM Y	:	-.808	-.731	-.759
CENTROID X	:	.129	-.051	-.273
CENTROID Y	:	.169	.092	.120
POA TO CENTROID in.	:	.213	.105	.298
MIN RADIUS	:	.455	.431	.295
MEAN RADIUS	:	1.063	.944	.804
MAX RADIUS	:	1.765	1.789	1.636
HORIZONTAL SPREAD	:	2.895	2.867	1.741
VERTICAL SPREAD	:	2.376	2.376	2.376
EXTREME SPREAD	:	3.261	2.911	2.628
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

3 May 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 2

3 in - 7

HS= 2.889

VS= 2.813

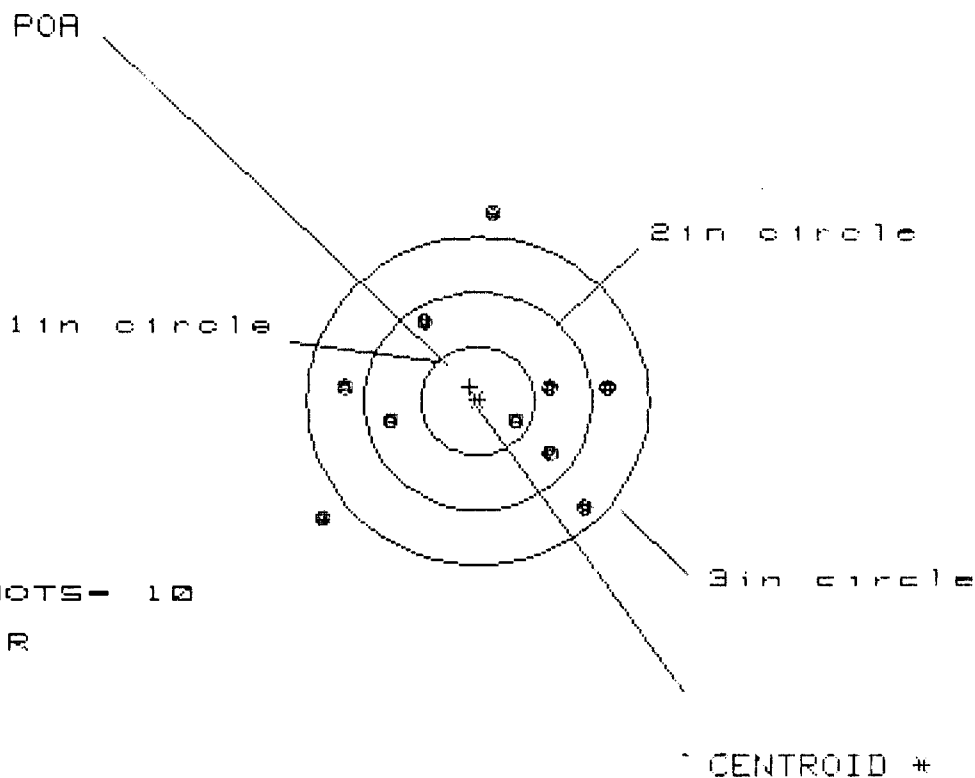
GS= 3.577

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.262	1.376
MINIMUM X	:	-1.464	-.997	-.883
MAXIMUM Y	:	1.363	1.233	1.242
MINIMUM Y	:	-1.450	-1.580	-1.425
CENTROID X	:	.365	.528	.414
CENTROID Y	:	.103	.233	.078
POA TO CENTROID in.	:	.379	.577	.421
MIN RADIUS	:	.287	.483	.291
MEAN RADIUS	:	1.249	1.190	1.109
MAX RADIUS	:	1.869	1.584	1.503
HORIZONTAL SPREAD	:	2.889	2.259	2.259
VERTICAL SPREAD	:	2.813	2.813	2.667
EXTREME SPREAD	:	3.577	2.920	2.882
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.446

VS= 2.889

GS= 3.258

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.098	1.115	.949
MINIMUM X	:	-1.348	-1.331	-1.353
MAXIMUM Y	:	1.774	.937	.822
MINIMUM Y	:	-1.115	-.918	-.864
CENTROID X	:	.068	.051	.217
CENTROID Y	:	-.128	-.325	-.210
POA TO CENTROID in.	:	.145	.329	.302
MIN RADIUS	:	.397	.374	.227
MEAN RADIUS	:	1.068	.980	.855
MAX RADIUS	:	1.781	1.617	1.365
HORIZONTAL SPREAD	:	2.446	2.446	2.302
VERTICAL SPREAD	:	2.889	1.855	1.686
EXTREME SPREAD	:	3.258	2.756	2.337
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	