

C6649267

MODEL 700TH M24

Model **SMS**TH

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington

Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ H24

SERIAL NO. C6649267

ORDER NO. 5716

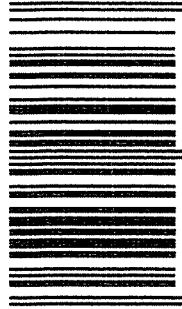
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6649267

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649267

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	YG
617	Drill and Tap Sight Holes	JUL	1 1991	FB
618	Polish Barrel	JUL	2 19.	WB
620	Apply Coatings (Barrel Action)		8/27/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/28/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	WB
	C) Inspect Ejector Hole for Chamfer		8/28/91	WB
	D) Oil Firing Pin Ass'y		8/28/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/91	JU.

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5 1/4			8/26/91	DH
	G) Safety Off Force	3	3	3			8/26/91	DH
	H) Trigger Pull Test & Retainability						8/26/91	fu
	I) Firing Pin Indent	.020	.020	.021			8/26/91	DH
	J) Assemble Stock							
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/28/91	AW
	M) Iron Sight Alignment						8/28/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	RW
	O) Attach Scope to Rifle						8/28/91	RW
	P) Detach & Attach Scope 20 Times						8/28/91	RW
640	Gallery Target & Test						8-31-91	AC
	A) Time						8-31-91	AC
	B) Malfunctions						8-31-91	AC
	C) Pierced Primers						8-31-91	AC
	D) Optical Clarity of Scope						8-31-91	AC
645	Inspect for Live Ammo						8-31-91	AC
655	Final Inspection						8-31-91	DH
	A) Headspace							
	B) Trigger Pull	2.63	2.38	2.40	2.36	2.44	8/29/91	DH
	C) Function						8-31-91	DH
660	Pack						9-17-91	DH

TIME 317

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# + .50#
3.00# + .75#
4.00# + 1.00#SERIAL NO. C-6649267DATE 8/26/91TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.25	2.30	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.26	2.44	2.38	
PULL #3	2.23	2.56	2.50	2.40	
PULL #4	2.25	2.41	2.51	2.36	
PULL #5	2.19	2.53	2.50	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.67	3.45		
PULL #2	3.66	3.42		
PULL #3	3.56	3.56		
PULL #4	3.42	3.49		
PULL #5	3.48	3.56		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.34		4.54
PULL #2	4.36	4.41		4.49
PULL #3	4.43	4.46		4.49
PULL #4	4.37	4.39		4.49
PULL #5	4.33	4.45		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649267
27 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.80506
1 TO	2	1.05268
1 TO	3	.772544
1 TO	4	.601592
1 TO	5	.755219

24 5) <----POR

AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2228
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0854
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .238606
RMR FOR THIS RIFLE IS: 1.217

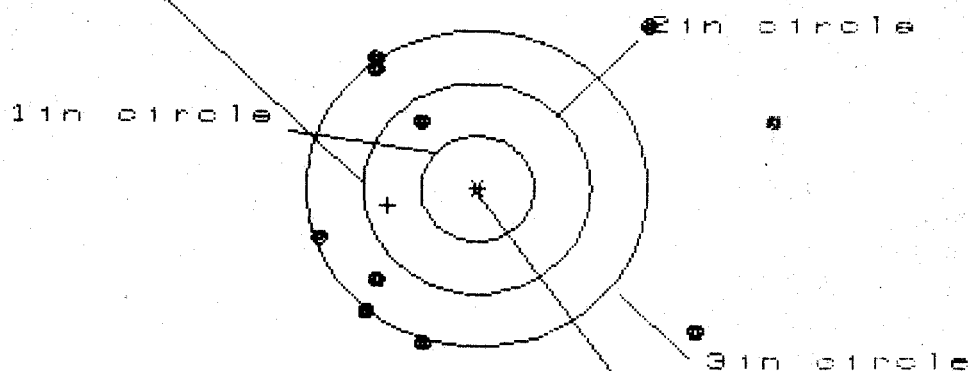
27 Aug 1991

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CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 1

3in = 4

HS= 3.996

VS= 2.931

GS= 4.128

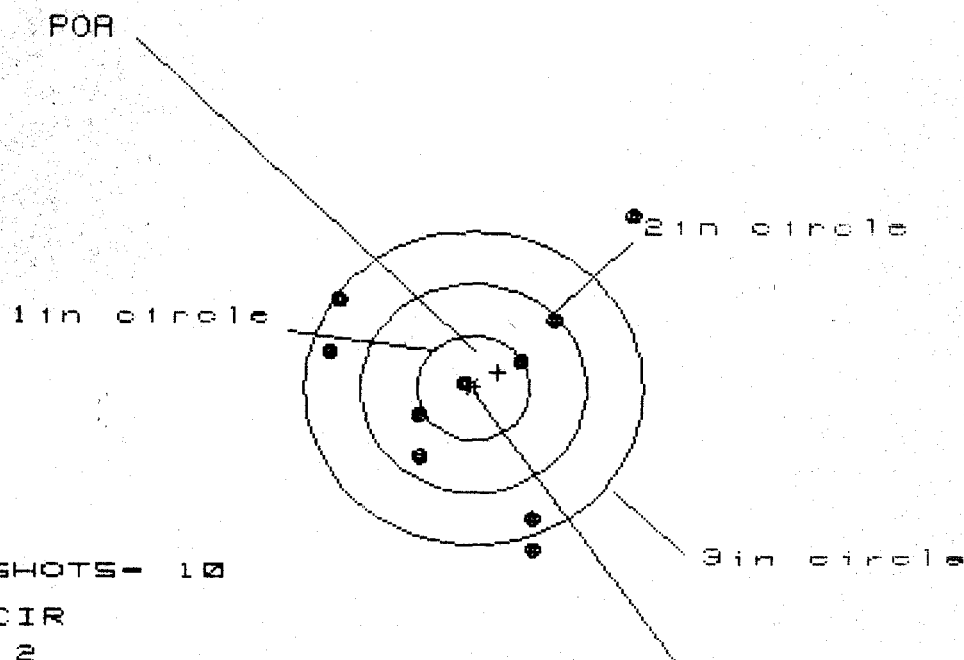
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.614	2.172	2.121
MINIMUM X	:	-1.382	-1.091	-0.820
MAXIMUM Y	:	1.504	1.573	1.416
MINIMUM Y	:	-1.427	-1.358	-1.515
CENTROID X	:	.789	.498	.227
CENTROID Y	:	.160	.091	.248
POA TO CENTROID in.	:	.805	.506	.336
MIN RADIUS	:	.795	.731	.558
MEAN RADIUS	:	1.668	1.478	1.280
MAX RADIUS	:	2.688	2.508	2.551
HORIZONTAL SPREAD	:	3.996	3.263	2.941
VERTICAL SPREAD	:	2.931	2.931	2.931
EXTREME SPREAD	:	4.128	3.808	3.715
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	1		
NUMBER IN THREE INCH CIRCLE	=	4		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.730

VS= 3.178

GS= 3.293

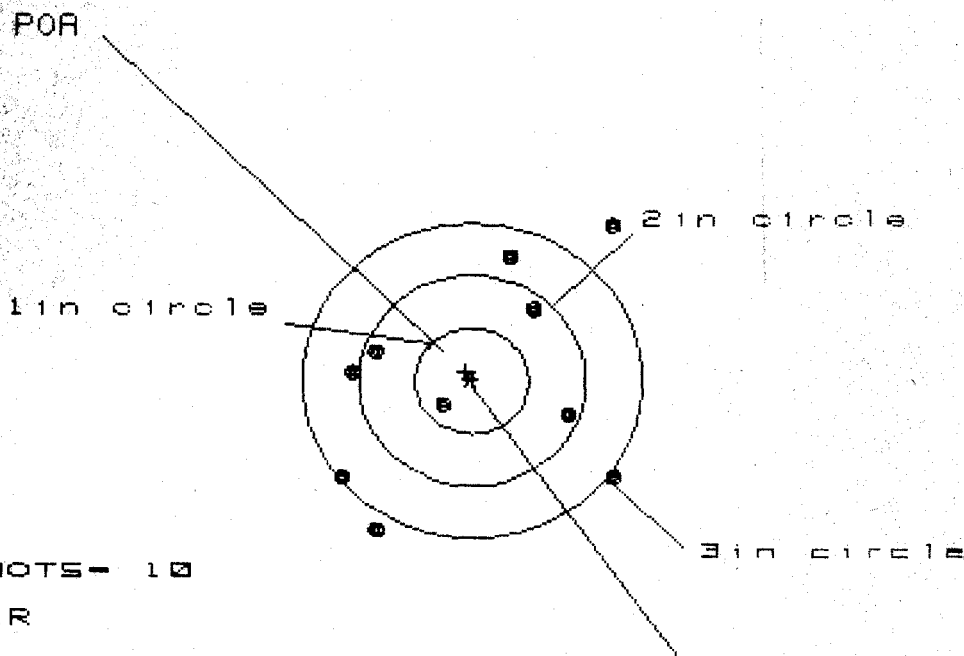
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.403	.839	.926
MINIMUM X	:	-1.327	-1.172	-1.085
MAXIMUM Y	:	1.606	.998	.823
MINIMUM Y	:	-1.572	-1.393	-1.230
CENTROID X	:	-.217	-.373	-.460
CENTROID Y	:	-.150	-.329	-.154
POR TO CENTROID in.	:	.264	.497	.485
MIN RADIUS	:	.136	.257	.152
MEAN RADIUS	:	1.074	.941	.843
MAX RADIUS	:	2.132	1.557	1.446
HORIZONTAL SPREAD	:	2.730	2.011	2.011
VERTICAL SPREAD	:	3.178	2.391	2.053
EXTREME SPREAD	:	3.293	2.938	2.657
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.356

VS = 2.975

GS = 3.654

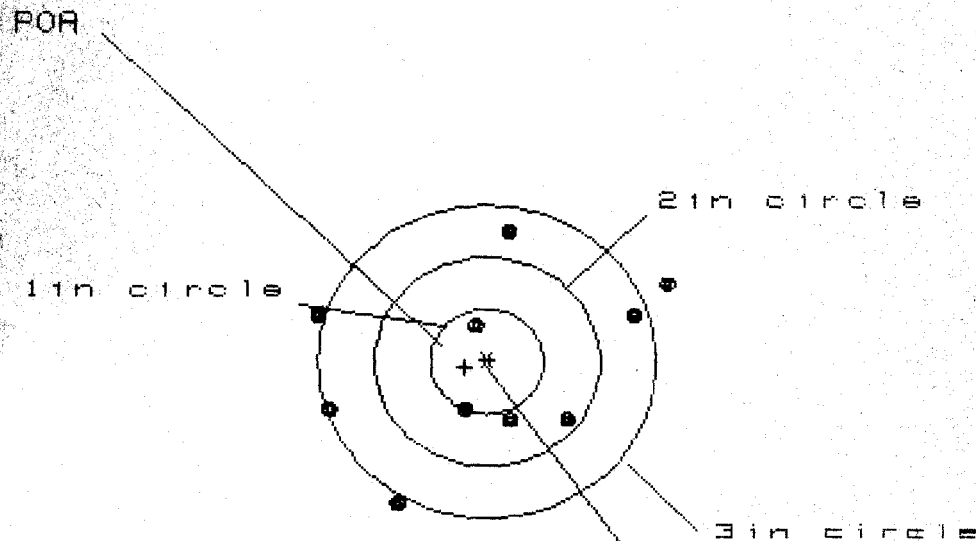
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.340	1.246
MINIMUM X	:	-1.122	-0.985	-1.079
MAXIMUM Y	:	1.515	1.372	1.211
MINIMUM Y	:	-1.460	-1.292	-0.887
CENTROID X	:	.056	-.081	.013
CENTROID Y	:	-.084	-.252	-.091
POA TO CENTROID in.	:	.101	.265	.092
MIN RADIUS	:	.342	.125	.309
MEAN RADIUS	:	1.188	1.075	1.023
MAX RADIUS	:	1.954	1.514	1.517
HORIZONTAL SPREAD	:	2.356	2.325	2.325
VERTICAL SPREAD	:	2.975	2.664	2.098
EXTREME SPREAD	:	3.654	2.920	2.540
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 3.129

VS = 2.625

GS = 3.234

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.595	1.529	1.359
MINIMUM X	-1.534	-1.357	-1.373
MAXIMUM Y	1.285	1.373	1.439
MINIMUM Y	-1.340	-1.252	-1.186
CENTROID X	.197	.020	.190
CENTROID Y	.053	-.035	-.101
POA TO CENTROID in.	.204	.040	.215
MIN RADIUS	.346	.393	.396
MEAN RADIUS	1.150	1.066	.996
MAX RADIUS	1.779	1.631	1.500
HORIZONTAL SPREAD	3.129	2.886	2.732
VERTICAL SPREAD	2.625	2.625	2.625
EXTREME SPREAD	3.234	2.886	2.875
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS = 3.362

VS = 2.413

GS = 3.408

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.459	1.248	1.342
MINIMUM X	:	-1.903	-.712	-.618
MAXIMUM Y	:	.910	.907	.719
MINIMUM Y	:	-1.503	-1.506	-1.032
CENTROID X	:	.289	.500	.406
CENTROID Y	:	-.406	-.403	-.215
POA TO CENTROID in.	:	.499	.643	.459
MIN RADIUS	:	.334	.472	.297
MEAN RADIUS	:	1.004	.931	.767
MAX RADIUS	:	1.903	1.686	1.383
HORIZONTAL SPREAD	:	3.362	1.960	1.960
VERTICAL SPREAD	:	2.413	2.413	1.751
EXTREME SPREAD	:	3.408	2.691	2.117
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	7		