

C6648955

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

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

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6648955

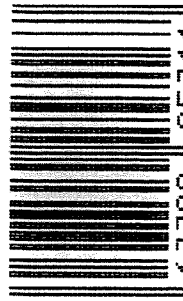
ORDER NO.
5716

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



5716 C6648955

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6648955

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7/24/91	KL
600	Proof		7/24/91	KL
607	Check Headspace		7/24/91	KL
610	Dis-assemble Gun		7/24/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	LS
617	Drill and Tap Sight Holes		AUG 7 1991	FB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8/27-91	KL
	Apply Coating (Bolt)			
625	Final Assembly		9/4/91	KL
	A) Clean inside of Bolt Assembly		9/4/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KL
	C) Inspect Ejector Hole for Chamfer		9/4/91	KL
	D) Oil Firing Pin Ass'y		9/4/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/9/91	JK
	G) Safety Off Force	3	3	3			9/9/91	JK
	H) Trigger Pull Test & Retainability						9/9/91	JK
	I) Firing Pin Indent	10205	021	021			9/9/91	JK
	J) Assemble Stock						9/11/91	JK
	K) Assemble Swivel Studs						9/13/91	JK
	L) Attach Front and Rear Sight Assemblies						9/11/91	JK
	M) Iron Sight Alignment						9/11/91	JK
	N) Detach Front & Rear Sights & place in numbered container						9/11/91	JK
	O) Attach Scope to Rifle						9/11/91	JK
	P) Detach & Attach Scope 20 Times						9/11/91	JK
640	Gallery Target & Test						9-12-91	DH
	A) Time						9-12-91	DH
	B) Malfunctions						9-12-91	DH
	C) Pierced Primers						9-12-91	DH
	D) Optical Clarity of Scope						9-12-91	DH
645	Inspect for Live Ammo						9-12-91	DH
655	Final Inspection						9/13/91	JK
	A) Headspace						9/13/91	JK
	B) Trigger Pull	2.09	2.53	2.50	2.50	2.47	9/13/91	JK
	C) Function						9/13/91	JK
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. C-6648955

DATE 9-9-91

TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.60	2.48	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.54	2.56	2.53	
PULL #3	2.64	2.56	2.58	2.50	
PULL #4	2.49	2.58	2.50	2.50	
PULL #5	2.50	2.59	2.61	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.47		
PULL #2	3.31	3.57		
PULL #3	3.28	3.62		
PULL #4	3.24	3.54		
PULL #5	3.58	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.24		4.43
PULL #2	4.28	4.21		4.57
PULL #3	4.43	4.50		4.39
PULL #4	4.38	4.45		4.52
PULL #5	4.36	4.32		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648955
12 Sep 1991

CENTROIDAL DISTANCES

Ø TO	1	.0890505
1 TO	2	.34414
1 TO	3	.0687314
1 TO	4	.0454863
1 TO	5	.328221

←----FOR

COORDINATE FOR THIS RIFLE IS: -.0408

COORDINATE FOR THIS RIFLE IS: -.0248

ORANGE PD: RADIUS FOR THIS RIFLE IS: .

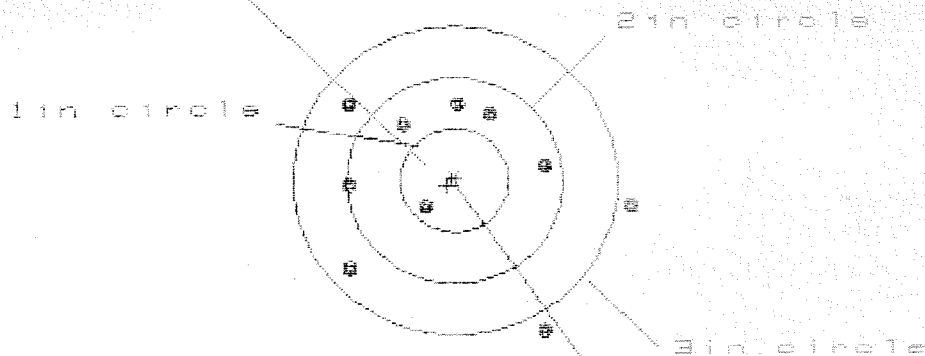
RIFLE IS: .9294

12 Sep 1991

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CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HE= 2.598

VS= 2.211

GS= 2.832

CENTROID *

PATTERN #

SHOTS (BEST OF)

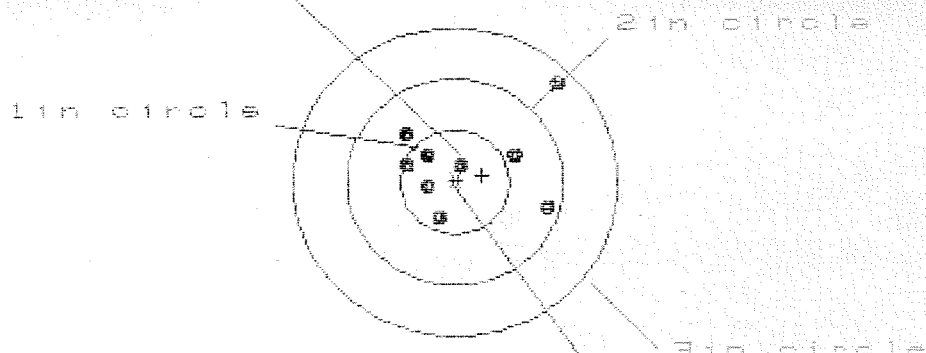
	10	9	8
MAXIMUM X	1.602	1.699	1.114
MINIMUM X	-1.996	-1.899	-1.687
MAXIMUM Y	.779	.620	.574
MINIMUM Y	-1.432	-1.039	-1.085
CENTROID X	.073	-.024	-.236
CENTROID Y	.051	.210	.252
PER TO CENTROID IN.	.089	.211	.346
MIN RADIUS	.359	.449	.357
MEAN RADIUS	1.018	.909	.774
MAX RADIUS	1.678	1.738	1.284
HORIZONTAL SPREAD	2.598	2.598	1.881
VERTICAL SPREAD	2.211	1.659	1.659
DIAGN SPREAD	2.832	2.727	2.084
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

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CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.745

VS= 2.666

GS= 3.186

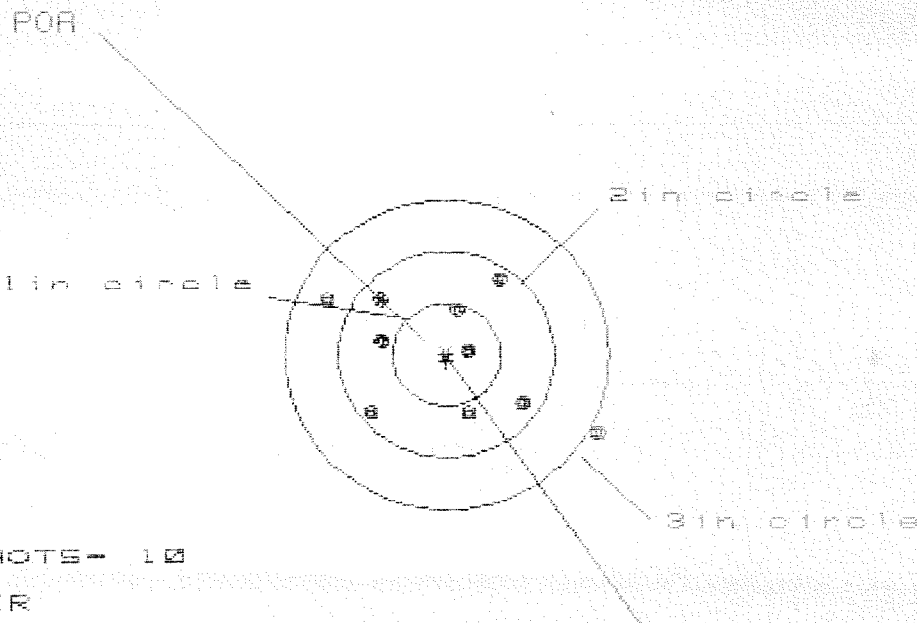
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.911	.818	.853
MINIMUM X	-.834	-.563	-.461
MAXIMUM Y	.963	.773	.402
MINIMUM Y	-1.703	-.571	-.474
CENTROID X	-.251	-.158	-.260
CENTROID Y	-.065	.125	.028
FOR TO CENTROID in.	.259	.201	.262
MIN RADIUS	.203	.032	.135
MEAN RADIUS	.710	.561	.469
MAX RADIUS	1.897	1.126	.913
HORIZONTAL SPREAD	1.745	1.381	1.314
VERTICAL SPREAD	2.666	1.344	.876
EXTREME SPREAD	3.186	1.702	1.502
NUMBER IN ONE INCH CIRCLE	=	5	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.472

VS= 1.511

GS= 2.790

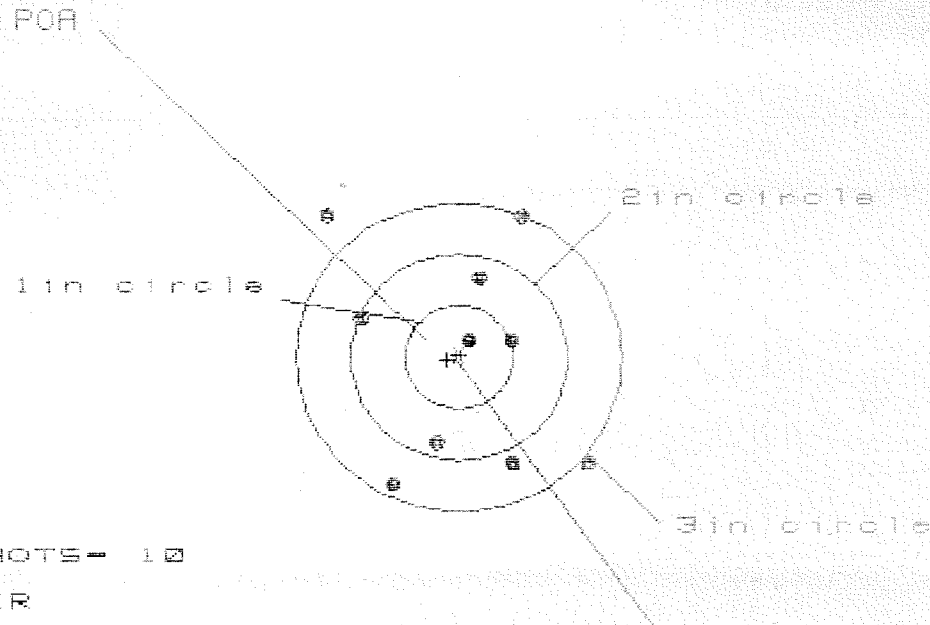
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.358	.873	.753
MINIMUM X	:	-1.114	-.964	-.665
MAXIMUM Y	:	.757	.673	.730
MINIMUM Y	:	-.754	-.691	-.634
CENTROID X	:	.005	-.145	-.025
CENTROID Y	:	.061	.145	.088
FOR TO CENTROID in.	:	.061	.205	.091
MIN RADIUS	:	.227	.379	.259
MEAN RADIUS	:	.811	.720	.664
MAX RADIUS	:	1.553	1.066	.919
HORIZONTAL SPREAD	:	2.472	1.837	1.418
VERTICAL SPREAD	:	1.511	1.364	1.364
EXTREME SPREAD	:	2.790	2.183	1.814
NUMBER IN ONE INCH CIRCLE	=		2	
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 = 2

2in = 4

3in = 8

HS= 2.408

VS= 2.616

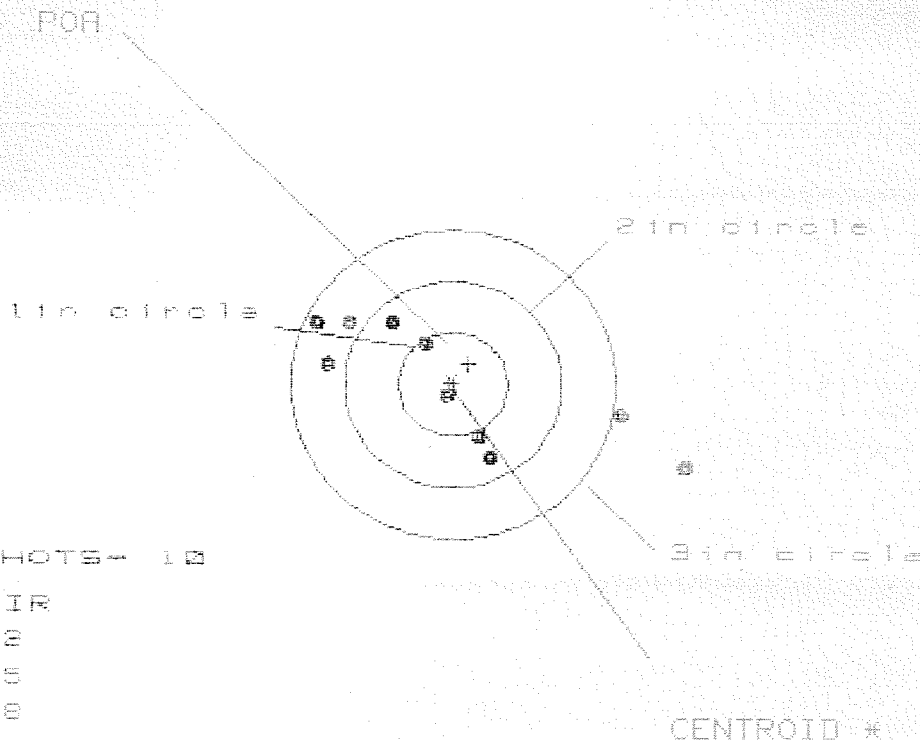
GS= 3.435

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.166	1.028	.538
MINIMUM X	:	-1.242	-1.093	-.965
MAXIMUM Y	:	1.379	1.528	1.414
MINIMUM Y	:	-1.237	-1.084	-1.198
CENTROID X	:	.111	.249	.121
CENTROID Y	:	.026	-.127	-.013
POA TO CENTROID in.	:	.114	.280	.122
MIN RADIUS	:	.162	.324	.198
MEAN RADIUS	:	1.074	.982	.915
MAX RADIUS	:	1.856	1.582	1.513
HORIZONTAL SPREAD	:	2.408	2.121	1.503
VERTICAL SPREAD	:	2.616	2.612	2.612
EXTREME SPREAD	:	3.435	2.838	2.838
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.411

VS= 1.465

GS= 3.708

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.108	1.744	1.020
MINIMUM X	-1.303	-1.069	-.651
MAXIMUM Y	.646	.555	.510
MINIMUM Y	-.819	-.830	-.876
CENTROID X	-.142	-.376	-.594
CENTROID Y	-.197	-.106	-.066
POB TO CENTROID in.	.243	.391	.597
MIN RADIUS	.114	.260	.306
MEAN RADIUS	1.034	1.061	.722
MAX RADIUS	2.261	1.782	1.205
HORIZONTAL SPREAD	3.411	2.813	1.679
VERTICAL SPREAD	1.465	1.385	1.385
EXTREME SPREAD	3.708	2.957	2.169
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	