

C6523335

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6523335

ORDER NO.
5716

01

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



5716 C6523335

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523335

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3	90	RW
600	Proof	10 3	90	RW
607	Check Headspace	10 3	90	RW
610	Dis-assemble Gun	10 3	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	JS
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel <i>RB</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			11/5/90	WB
	G) Safety Off Force	3	3	3			11/5/90	WB
	H) Trigger Pull Test & Retainability						11-5-90	JH
	I) Firing Pin Indent	.021	.021	.021			11/5/90	WB
	J) Assemble Stock						11/5/90	RW
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/5/90	RW
	M) Iron Sight Alignment						11/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/5/90	RW
	O) Attach Scope to Rifle						11/5/90	RW
	P) Detach & Attach Scope 20 Times						11/5/90	RW
640	Gallery Target & Test						11-7-90	DH
	A) Time						11-7-90	DH
	B) Malfunctions						11-7-90	DH
	C) Pierced Primers						11-7-90	DH
	D) Optical Clarity of Scope						11-7-90	DH
645	Inspect for Live Ammo						11-7-90	DH
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	289	262	267	277	275	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12-19-90	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 6523335

DATE 11-5-90

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.45	2.35	2.89	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.45	2.30	2.62	
PULL #3	2.43	2.30	2.28	2.67	
PULL #4	2.41	2.07	2.36	2.77	
PULL #5	2.38	2.36	2.40	2.75	
TOTAL	11.8	11.63	11.69		
AVG.	2.36	2.326	2.338		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.42		
PULL #2	3.39	3.24		
PULL #3	3.40	3.41		
PULL #4	3.26	3.47		
PULL #5	3.43	3.41		
TOTAL	16.82	16.95		
AVG.	3.364	3.39		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.33		4.39
PULL #2	4.35	4.34		4.26
PULL #3	4.31	4.35		4.42
PULL #4	4.36	4.38		4.43
PULL #5	4.32	4.30		4.31
TOTAL	21.60	21.70		21.81
AVG.	4.32	4.34		4.362

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523335
7 Nov 1998

CENTROIDAL DISTANCES

0 TO	1	.468615
1 TO	2	.384187
1 TO	3	.219672
1 TO	4	.308715
1 TO	5	.552203

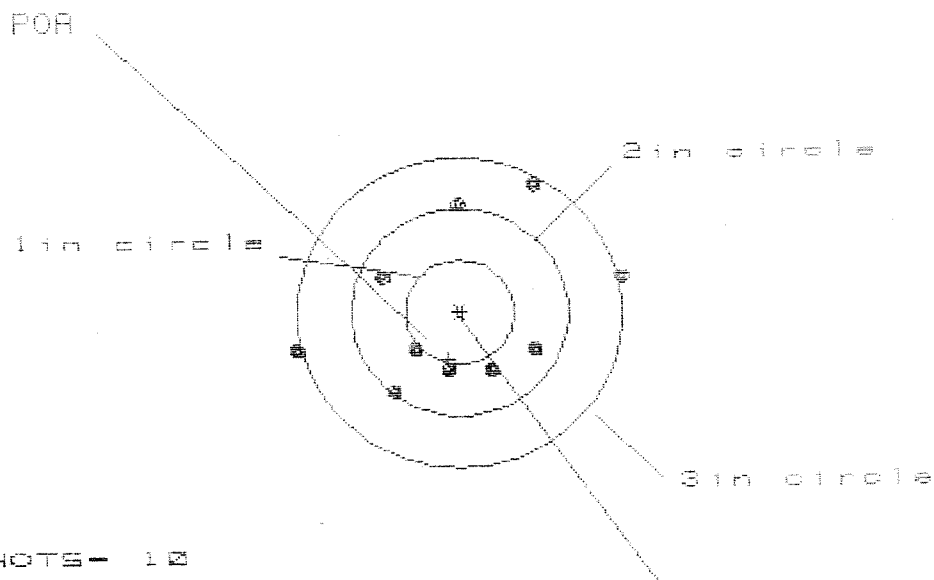
4
9441 C----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225491
THE AMR FOR THIS RIFLE IS: .0682

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523335

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.958

VS= 2.040

GS= 3.033

CENTROID #

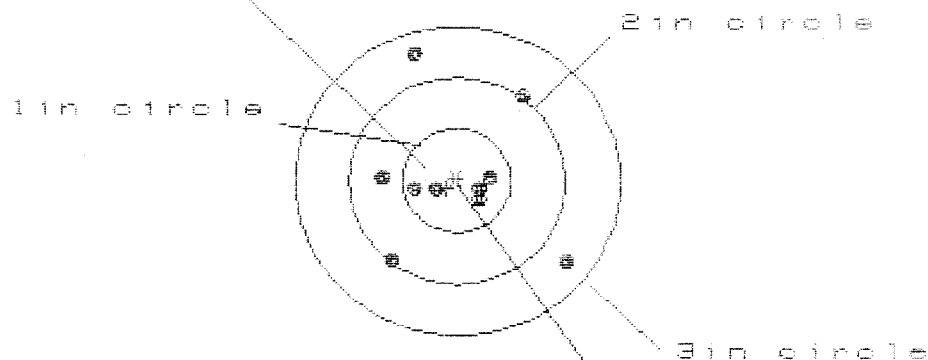
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.500	.893	.732
MINIMUM X	-1.458	-1.292	-.658
MAXIMUM Y	1.239	1.275	1.236
MINIMUM Y	-.801	-.765	-.803
CENTROID X	.108	-.058	.103
CENTROID Y	.456	.420	.459
POA TO CENTROID in.	.469	.424	.470
MIN RADIUS	.544	.396	.542
MEAN RADIUS	.980	.894	.846
MAX RADIUS	1.535	1.543	1.424
HORIZONTAL SPREAD	2.958	2.185	1.390
VERTICAL SPREAD	2.040	2.040	2.040
EXTREME SPREAD	3.033	2.679	2.424
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523335

CENTERFIRE PATTERNS # 2

POB



OF SHOTS - 10

IN CIR

1in = 5

2in = 7

3in = 10

HS = 1.634

VS = 2.040

GS = 2.436

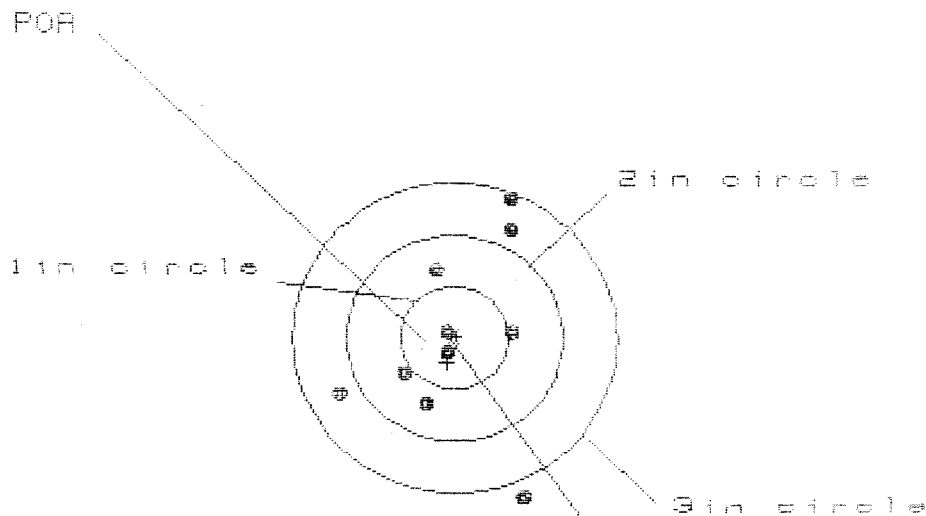
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.913	.696
MINIMUM X	:	-.680	-.721	-.687
MAXIMUM Y	:	1.226	.960	.875
MINIMUM Y	:	-.814	-.678	-.734
CENTROID X	:	.096	.137	.023
CENTROID Y	:	.072	-.064	.021
POB TO CENTROID in.	:	.120	.152	.031
MIN RADIUS	:	.194	.130	.134
MEAN RADIUS	:	.658	.571	.495
MAX RADIUS	:	1.282	1.137	1.118
HORIZONTAL SPREAD	:	1.634	1.634	1.383
VERTICAL SPREAD	:	2.040	1.638	1.609
EXTREME SPREAD	:	2.436	2.020	2.020
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Nov 1980

FILE:/PATTERNING/CENTERFIRE_PATT/06523335

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.690

VS= 2.822

GS= 2.825

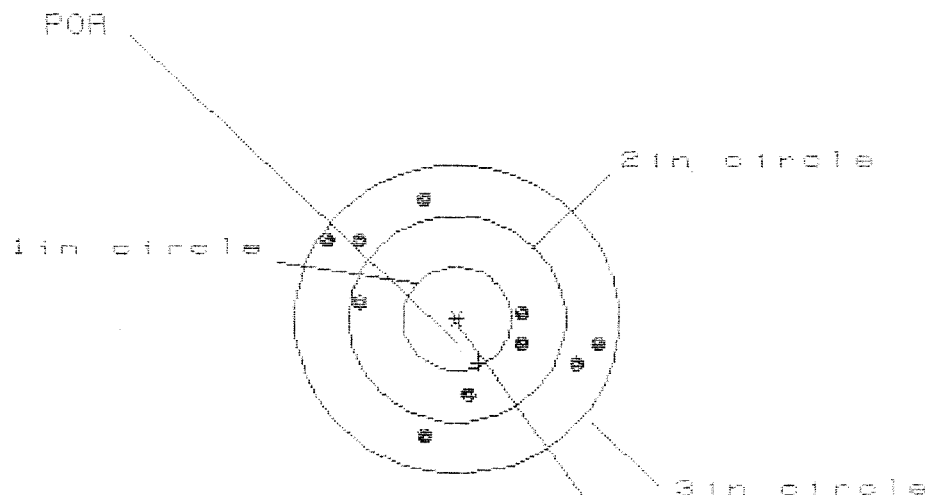
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.618	.597	.666
MINIMUM X	:	-1.072	-1.003	-.934
MAXIMUM Y	:	1.325	1.158	1.031
MINIMUM Y	:	-1.497	-.852	-.707
CENTROID X	:	.068	-.001	-.070
CENTROID Y	:	.240	.407	.262
POA TO CENTROID in.	:	.250	.407	.271
MIN RADIUS	:	.090	.104	.084
MEAN RADIUS	:	.822	.740	.644
MAX RADIUS	:	1.620	1.284	1.205
HORIZONTAL SPREAD	:	1.690	1.600	1.600
VERTICAL SPREAD	:	2.822	2.010	1.738
EXTREME SPREAD	:	2.825	2.394	2.194
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Nov 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.476

VS= 2.317

GS= 2.673

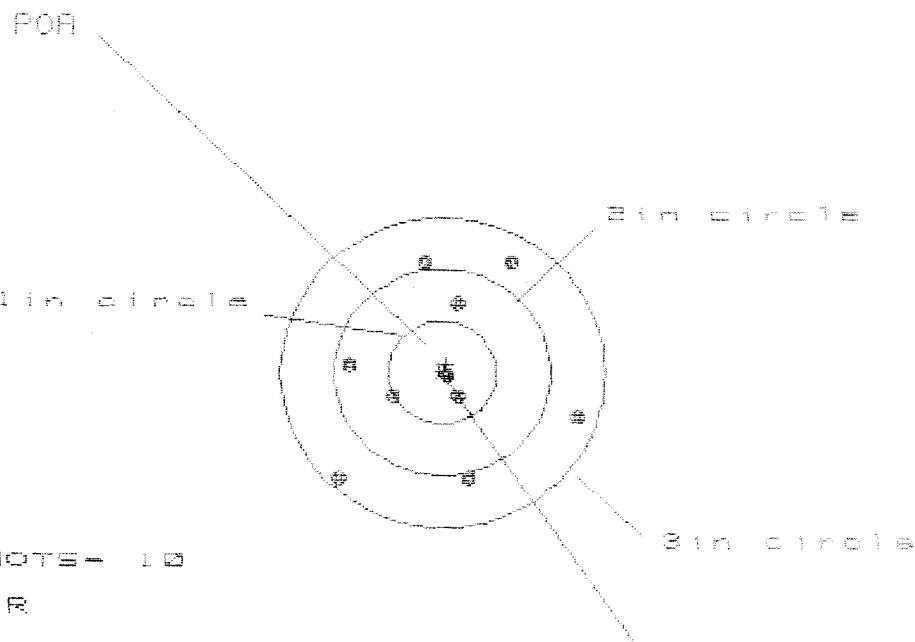
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.285	1.153	1.120
MINIMUM X	:	-1.191	-1.071	-.927
MAXIMUM Y	:	1.154	1.238	1.218
MINIMUM Y	:	-1.163	-1.079	-1.099
CENTROID X	:	-.200	-.068	-.212
CENTROID Y	:	.435	.351	.371
POA TO CENTROID in.	:	.479	.357	.427
MIN RADIUS	:	.574	.456	.593
MEAN RADIUS	:	1.042	.971	.957
MAX RADIUS	:	1.414	1.320	1.256
HORIZONTAL SPREAD	:	2.476	2.224	2.047
VERTICAL SPREAD	:	2.317	2.317	2.317
EXTREME SPREAD	:	2.673	2.390	2.317
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CB523335

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.145

VS= 2.194

GS= 2.619

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.216	1.113	.655
MINIMUM X	:	-.929	-.919	-.780
MAXIMUM Y	:	1.124	1.015	.948
MINIMUM Y	:	-1.070	-1.179	-1.246
CENTROID X	:	-.840	.063	-.076
CENTROID Y	:	-.076	.033	.100
POB TO CENTROID in.	:	.088	.072	.126
MIN RADIUS	:	.055	.145	.218
MEAN RADIUS	:	.839	.794	.730
MAX RADIUS	:	1.357	1.234	1.284
HORIZONTAL SPREAD	:	2.145	2.032	1.435
VERTICAL SPREAD	:	2.194	2.194	2.194
EXTREME SPREAD	:	2.619	2.221	2.221
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	