

C6649242

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TH H24

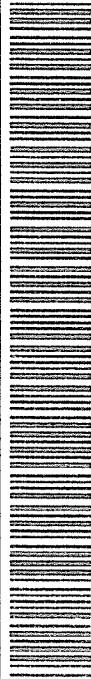
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO.
 C6649242

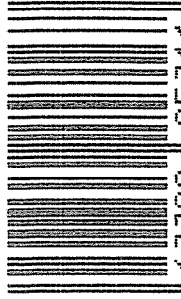
ORDER NO.
5716

20



5716 C6649242

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649242

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	GL
617	Drill and Tap Sight Holes		JUL 1 1991	WB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	WB
	Apply Coating (Bolt)		8/27/91	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		8/26/91	JU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/26/91	DH
	G) Safety Off Force	3	3	3			8/26/91	DH
	H) Trigger Pull Test & Retainability						8/26/91	YU
	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							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
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	2.20	2.22	2.32	2.36	2.35	8/29/91	JU
	C) Function						8-31-91	DH
660	Pack						9-15-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649242

DATE 8-26-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.36	2.41	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.29	2.44	2.22	
PULL #3	2.31	2.26	2.33	2.32	
PULL #4	2.23	2.32	2.40	2.36	
PULL #5	2.25	2.44	2.46	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.44		
PULL #2	3.27	3.40		
PULL #3	3.35	3.43		
PULL #4	3.37	3.47		
PULL #5	3.40	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.38		4.47
PULL #2	4.32	4.41		4.42
PULL #3	4.36	4.26		4.49
PULL #4	4.46	4.38		4.46
PULL #5	4.37	4.20		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649242
28 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.475408
1 TO	2	.152306
1 TO	3	.795035
1 TO	4	.914808
1 TO	5	.787504

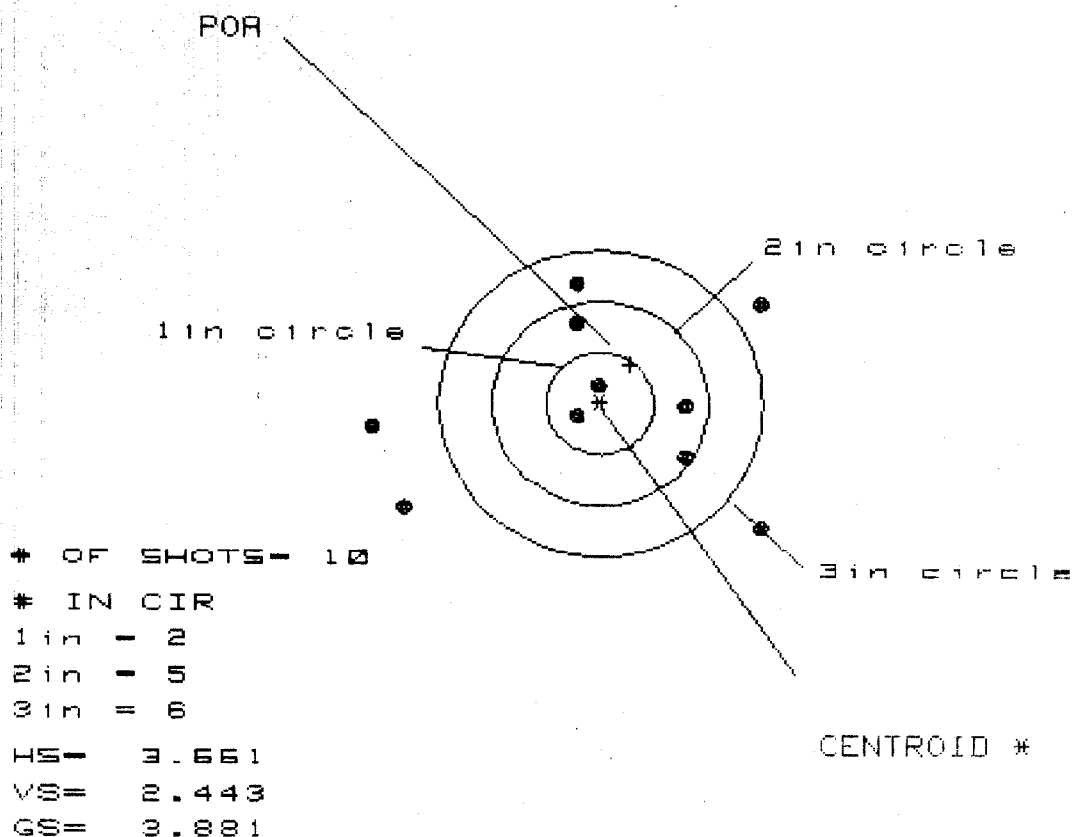
$\frac{45}{2} + 3$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.171
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .192315
THE POI RADIUS FOR THIS RIFLE IS: .9238

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649242

CENTERFIRE PATTERNS # 1

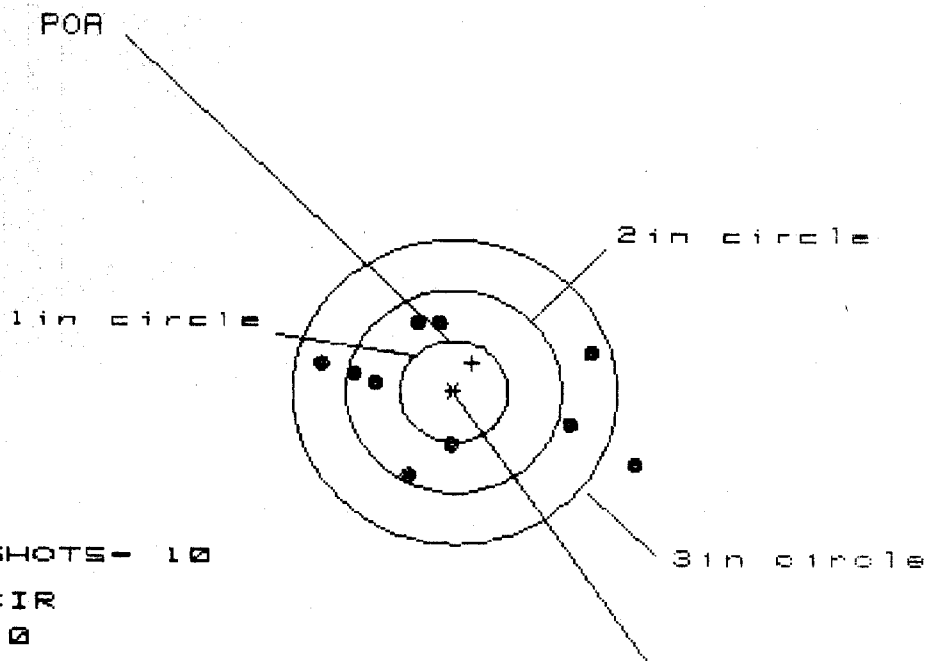


PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.519	1.281	1.022
MINIMUM X	:	-2.142	-2.071	-.722
MAXIMUM Y	:	1.177	1.150	1.021
MINIMUM Y	:	-1.266	-1.293	-1.422
CENTROID X	:	-.283	-.045	.214
CENTROID Y	:	-.382	-.355	-.226
FOR TO CENTROID in.	:	.475	.358	.311
MIN RADIUS	:	.200	.307	.339
MEAN RADIUS	:	1.216	1.100	.944
MAX RADIUS	:	2.156	2.315	1.751
HORIZONTAL SPREAD	:	3.661	3.352	1.744
VERTICAL SPREAD	:	2.443	2.443	2.443
EXTREME SPREAD	:	3.881	3.881	3.002
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 2



* OF SHOTS- 10

* IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.837

VS= 1.534

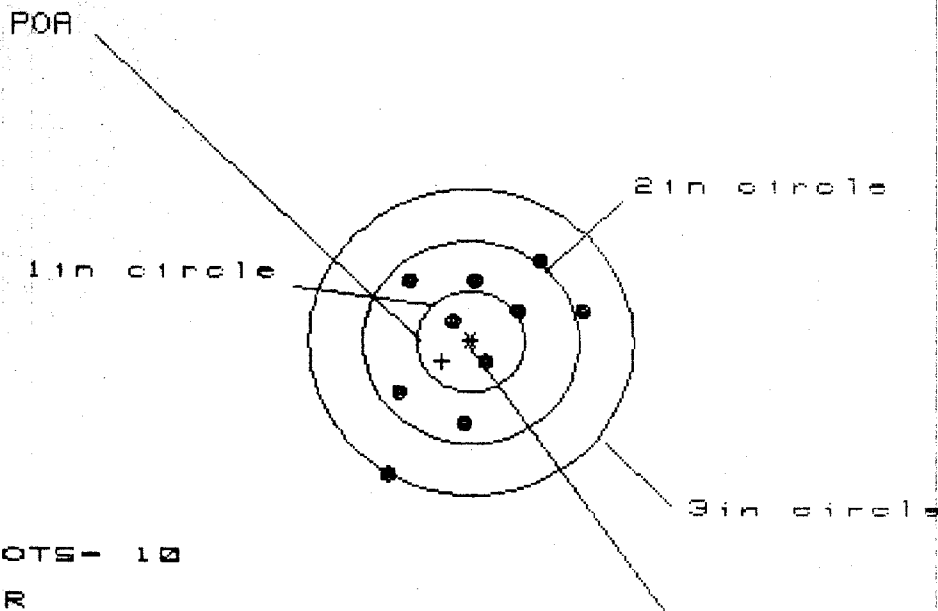
GS= 3.001

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.629	1.436	1.413
MINIMUM X	:	-1.208	-1.027	-.847
MAXIMUM Y	:	.718	.643	.686
MINIMUM Y	:	-.816	-.891	-.847
CENTROID X	:	-.169	-.350	-.530
CENTROID Y	:	-.281	-.206	-.249
POA TO CENTROID in.	:	.328	.406	.586
MIN RADIUS	:	.541	.567	.386
MEAN RADIUS	:	1.016	.893	.780
MAX RADIUS	:	1.763	1.478	1.455
HORIZONTAL SPREAD	:	2.837	2.463	2.260
VERTICAL SPREAD	:	1.534	1.534	1.534
EXTREME SPREAD	:	3.001	2.466	2.344
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



* OF SHOTS- 10

* IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.893

VS= 2.010

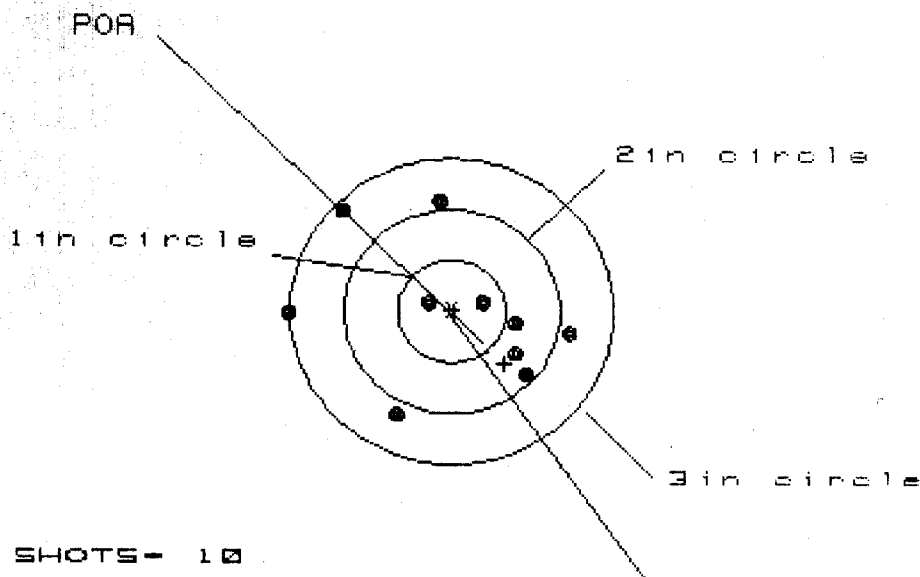
GS= 2.478

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.083	.993	.673
MINIMUM X	:	-.810	-.741	-.617
MAXIMUM Y	:	.759	.620	.635
MINIMUM Y	:	-1.251	-.964	-.949
CENTROID X	:	.265	.355	.231
CENTROID Y	:	.194	.333	.318
POA TO CENTROID in.	:	.329	.487	.393
MIN RADIUS	:	.190	.242	.124
MEAN RADIUS	:	.757	.658	.604
MAX RADIUS	:	1.490	1.000	.952
HORIZONTAL SPREAD	:	1.893	1.734	1.290
VERTICAL SPREAD	:	2.010	1.584	1.584
EXTREME SPREAD	:	2.478	1.875	1.772
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.573

VS= 2.121

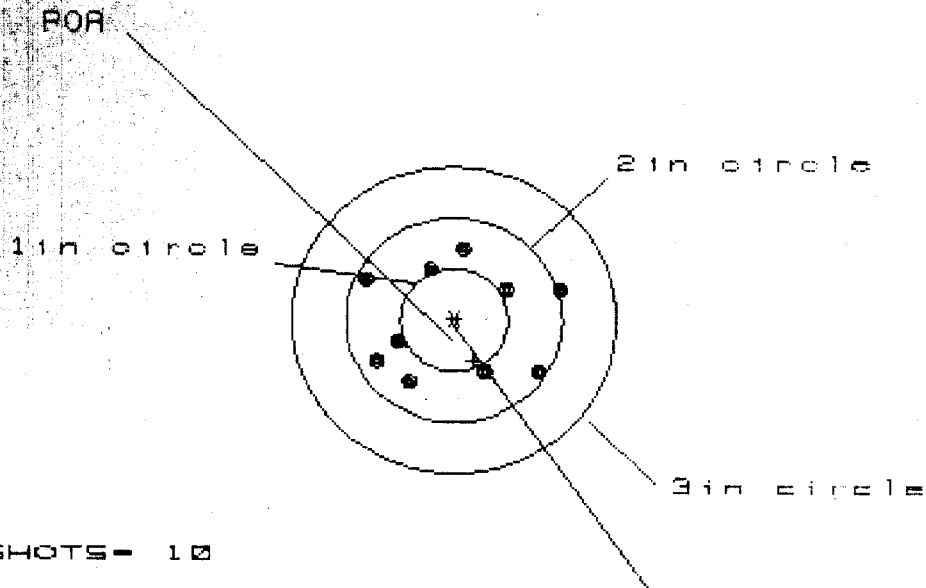
GS= 2.577

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.106	.943	.797
MINIMUM X	:	-1.467	-1.168	-.801
MAXIMUM Y	:	1.078	1.074	1.200
MINIMUM Y	:	-1.043	-1.047	-.921
CENTROID X	:	-.486	-.323	-.177
CENTROID Y	:	.510	.514	.388
POA TO CENTROID in.	:	.705	.607	.427
MIN RADIUS	:	.258	.166	.237
MEAN RADIUS	:	.903	.803	.673
MAX RADIUS	:	1.467	1.539	1.265
HORIZONTAL SPREAD	:	2.573	2.111	1.599
VERTICAL SPREAD	:	2.121	2.121	2.121
EXTREME SPREAD	:	2.577	2.418	2.158
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 9

3in = 10

HS= 1.779

VS= 1.243

GS= 1.826

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.951	.886	.734
MINIMUM X	:	-.828	-.722	-.611
MAXIMUM Y	:	.674	.711	.654
MINIMUM Y	:	-.569	-.532	-.589
CENTROID X	:	-.182	-.288	-.399
CENTROID Y	:	.399	.362	.419
POA TO CENTROID in.	:	.439	.463	.579
MIN RADIUS	:	.532	.467	.403
MEAN RADIUS	:	.727	.684	.632
MAX RADIUS	:	1.009	.998	.790
HORIZONTAL SPREAD	:	1.779	1.608	1.345
VERTICAL SPREAD	:	1.243	1.243	1.243
EXTREME SPREAD	:	1.826	1.826	1.413
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	