

C6649259

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington

Remington® **DU PONT**
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 Marqua Deposee.

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

SERIAL NO.
C6649259

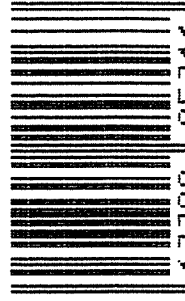
ORDER NO.
5716

20



5716 C6649259

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649259

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 22	9	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	JS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/91	JS

BARBER - M24 0067038		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5	5	5			8/28/91	RL
	G) Safety Off Force	3	3	3			8/28/91	RL
	H) Trigger Pull Test & Retainability						8/27/91	RL
	I) Firing Pin Indent	.0205	.022	.022			8/28/91	RL
	J) Assemble Stock						8/28/91	RL
	K) Assemble Swivel Studs						8-31-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/28/91	RL
	M) Iron Sight Alignment						8/28/91	RL
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	RL
	O) Attach Scope to Rifle						8/28/91	RL
	P) Detach & Attach Scope 20 Times						8-28-91	RL
640	Gallery Target & Test							RL
	A) Time							RL
	B) Malfunctions							RL
	C) Pierced Primers							RL
	D) Optical Clarity of Scope						8-28-91	RL
645	Inspect for Live Ammo						8-31-91	D/H
655	Final Inspection							
	A) Headspace						8-31-91	D/H
	B) Trigger Pull	2.29	2.29	2.26	2.33	2.36	8/29/91	RL
	C) Function						8-31-91	D/H
660	Pack						9-18-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649259

DATE 8/27/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.43	2.41	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.44	2.48	2.29	
PULL #3	2.39	2.45	2.46	2.26	
PULL #4	2.33	2.33	2.40	2.33	
PULL #5	2.39	2.42	4.49	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.52		
PULL #2	3.60	3.46		
PULL #3	3.52	3.57		
PULL #4	3.59	3.40		
PULL #5	3.51	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.59	4.31		4.20
PULL #2	4.56	4.36		4.40
PULL #3	4.34	4.36		4.34
PULL #4	4.27	4.33		4.36
PULL #5	4.31	4.33		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649259
29 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.336311
1 TO	2	.451577
1 TO	3	.520311
1 TO	4	.271708
1 TO	5	.302055

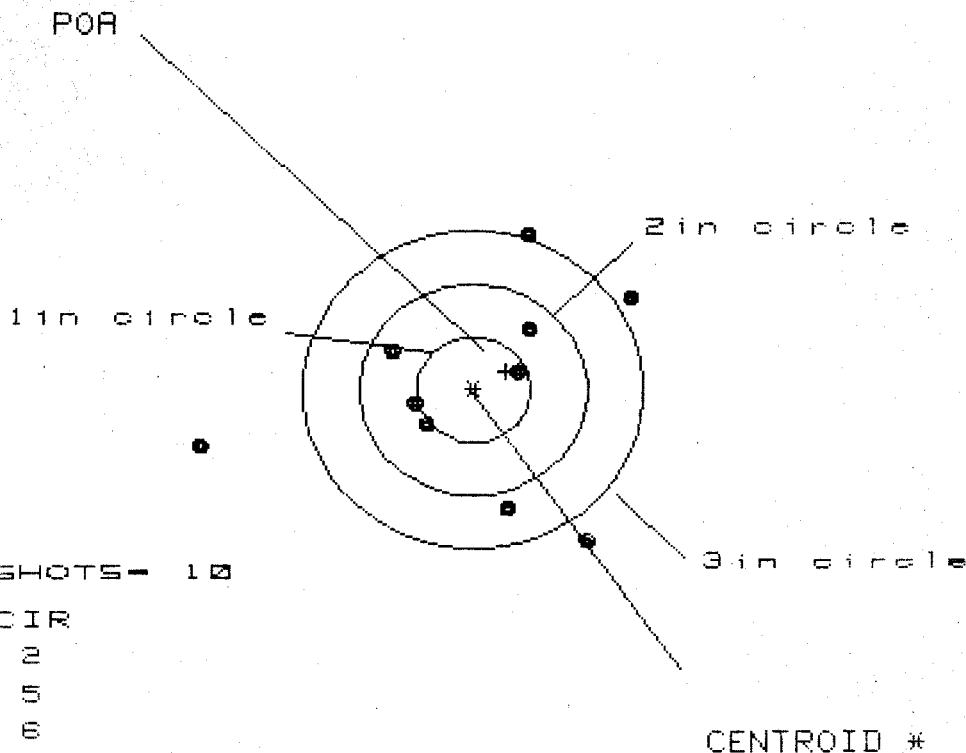
149 <----POA

AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0172
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0606
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0629937
FOR THIS RIFLE IS: .8988

26 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 2

2in - 5

3in - 6

HS - 3.768

VS - 2.862

SS - 4.014

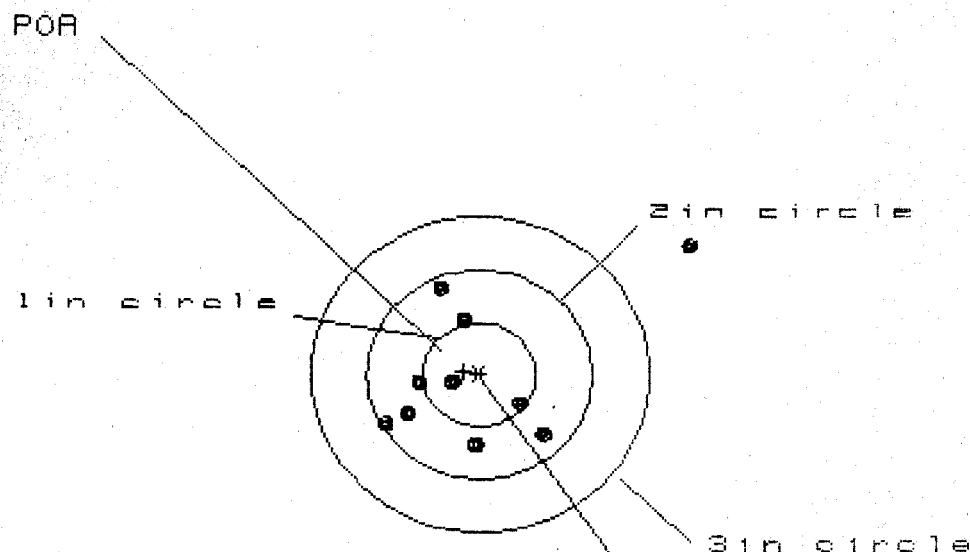
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.389	1.125	1.219
MINIMUM X	:	-2.379	-.981	-.887
MAXIMUM Y	:	1.467	1.411	1.230
MINIMUM Y	:	-1.395	-1.451	-1.394
CENTROID X	:	-.289	-.025	-.119
CENTROID Y	:	-.172	-.116	.065
POA TO CENTROID in.	:	.337	.119	.136
1IN RADIUS	:	.408	.167	.196
2IN RADIUS	:	1.155	1.000	.897
3IN RADIUS	:	2.432	1.636	1.396
HORIZONTAL SPREAD	:	3.768	2.106	2.106
VERTICAL SPREAD	:	2.862	2.862	2.624
EXTREME SPREAD	:	4.014	2.915	2.633
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

28 Aug 1991

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CENTERFIRE PATTERNS # 2



* OF SHOTS- 10

IN CIR

1 in - 2

2 in - 9

3 in - 9

HS- 2.646

VS- 1.809

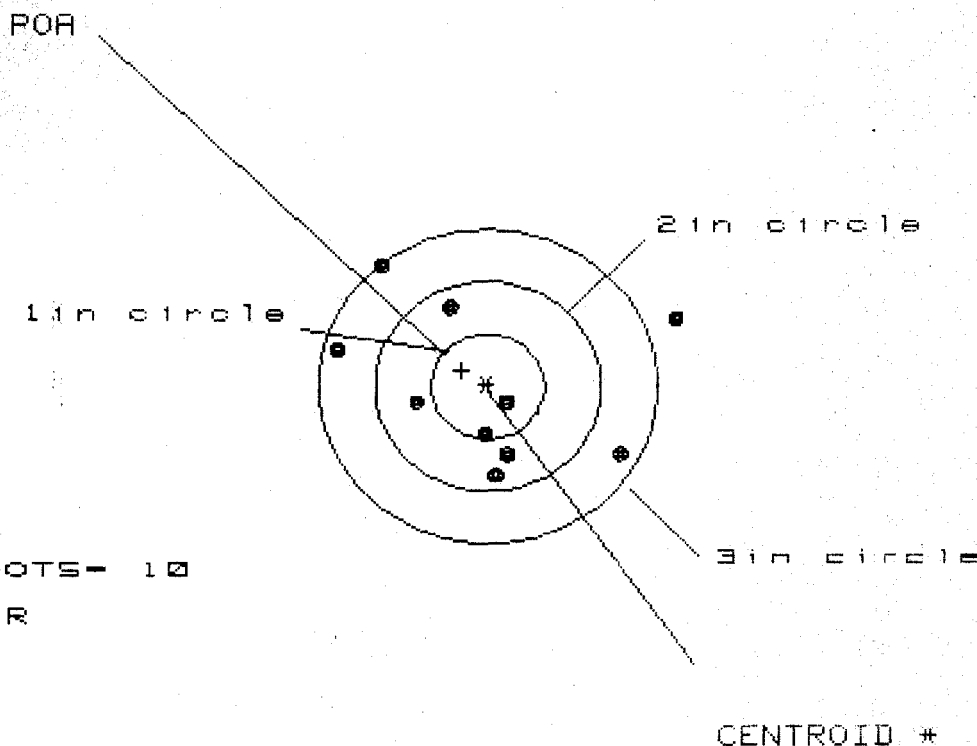
GS- 3.137

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.833	.716	.640
MINIMUM X	:	-.813	-.609	-.467
MAXIMUM Y	:	1.185	.970	.924
MINIMUM Y	:	-.624	-.493	-.539
CENTROID X	:	.140	-.064	.012
CENTROID Y	:	-.031	-.162	-.116
POA TO CENTROID in.	:	.143	.174	.117
MIN RADIUS	:	.211	.048	.065
MEAN RADIUS	:	.788	.566	.553
MAX RADIUS	:	2.183	.986	.957
HORIZONTAL SPREAD	:	2.646	1.325	1.107
VERTICAL SPREAD	:	1.809	1.463	1.463
EXTREME SPREAD	:	3.137	1.634	1.634
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.929

VS= 2.007

GS= 2.942

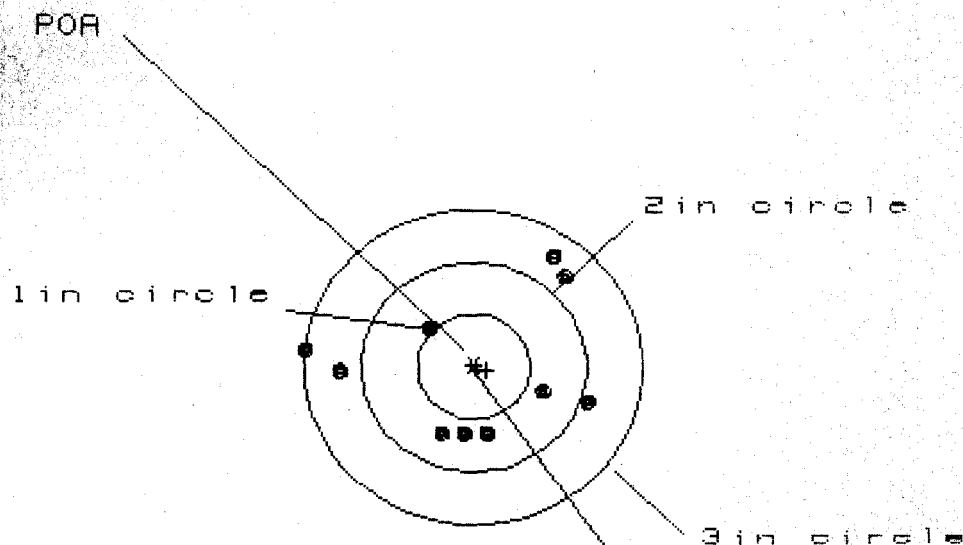
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.639	1.349	1.252
MINIMUM X	:	-1.290	-1.107	-1.204
MAXIMUM Y	:	1.149	1.222	.968
MINIMUM Y	:	-.858	-.785	-.633
CENTROID X	:	.231	.049	.146
CENTROID Y	:	-.154	-.227	-.379
POA TO CENTROID in.	:	.278	.232	.407
MIN RADIUS	:	.208	.317	.212
MEAN RADIUS	:	.964	.856	.736
MAX RADIUS	:	1.764	1.471	1.347
HORIZONTAL SPREAD	:	2.929	2.456	2.456
VERTICAL SPREAD	:	2.007	2.007	1.601
EXTREME SPREAD	:	2.942	2.791	2.666
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 5

3 in - 10

HS- 2.533

VS- 1.744

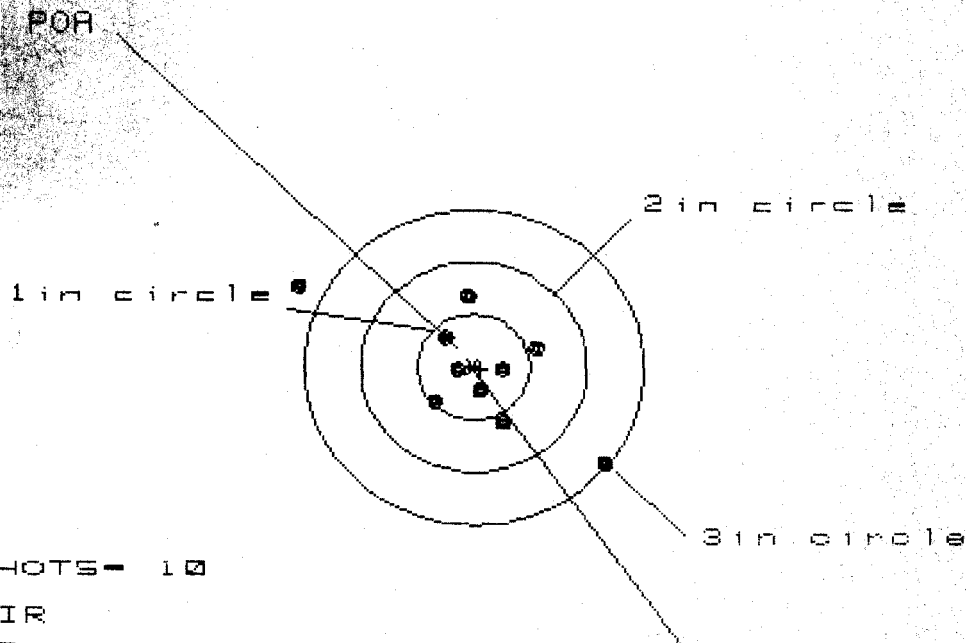
GS- 2.566

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	.887	.960
MINIMUM X	:	-1.481	-1.382	-1.308
MAXIMUM Y	:	1.076	1.089	1.059
MINIMUM Y	:	-.668	-.655	-.519
CENTROID X	:	-.113	.052	-.022
CENTROID Y	:	.035	.022	-.114
POA TO CENTROID in.	:	.118	.056	.116
MIN RADIUS	:	.530	.526	.459
MEAN RADIUS	:	.948	.874	.798
MAX RADIUS	:	1.486	1.383	1.310
HORIZONTAL SPREAD	:	2.533	2.269	2.269
VERTICAL SPREAD	:	1.744	1.744	1.578
EXTREME SPREAD	:	2.566	2.280	2.279
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1 in - 5

2 in - 8

3 in - 9

HS - 2.628

VS - 1.675

GS - 3.116

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.126	.959	.508
MINIMUM X	:	-1.502	-.503	-.383
MAXIMUM Y	:	.780	.738	.637
MINIMUM Y	:	-.895	-.809	-.500
CENTROID X	:	-.055	.112	-.008
CENTROID Y	:	.019	-.067	.034
POA TO CENTROID in.	:	.058	.131	.035
MIN RADIUS	:	.126	.133	.172
MEAN RADIUS	:	.639	.520	.408
MAX RADIUS	:	1.692	1.254	.641
HORIZONTAL SPREAD	:	2.628	1.462	.891
VERTICAL SPREAD	:	1.675	1.547	1.137
EXTREME SPREAD	:	3.116	1.926	1.169
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		