

C6636202

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]

MODEL 700TM 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.

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6636202

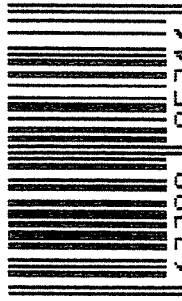
ORDER NO.
5716

20



5716 C6636202

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636202

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/9/91	K.S.
600	Proof		4/9/91	K.S.
607	Check Headspace		4/9/91	K.S.
610	Dis-assemble Gun		4/9/91	K.S.
612	Magnaflux Barrel Action		4/10/91	KR
	Magnaflux Bolt		4/10/91	11
615	Rollmark Caliber		4/10/91	LG
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	11
	Apply Coating (Bolt)			11
625	Final Assembly A) Clean inside of Bolt Assembly		5/22/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/22/91	KS
	C) Inspect Ejector Hole for Chamfer		5/22/91	KS
	D) Oil Firing Pin Ass'y		5/22/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/23/91	96

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			5/28/91	SL
	G) Safety Off Force	4	4	4			6/1/28/91	SL
	H) Trigger Pull Test & Retainability						5/28/91	SL
	I) Firing Pin Indent	.0225	.022	.022			5/28/91	SL
	J) Assemble Stock						5/28/91	KS
	K) Assemble Swivel Studs						6-1-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/28/91	KS
	M) Iron Sight Alignment						5/28/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/28/91	KS
	O) Attach Scope to Rifle						5/28/91	KS
	P) Detach & Attach Scope 20 Times						5/28/91	KS
640	Gallery Target & Test						5-29-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-29-91	NF
655	Final Inspection							
	A) Headspace						6-1-91	D/H
	B) Trigger Pull	2.20	2.29	2.30	2.37	2.41	6/1/91	SL
	C) Function						6-1-91	D/H
660	Pack						6-20-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636202

DATE 5-28-98

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.30	2.33	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.30	2.26	2.29	
PULL #3	2.18	2.32	2.38	2.30	
PULL #4	2.39	2.32	2.31	2.37	
PULL #5	2.33	2.26	2.31	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.30		
PULL #2	3.38	3.24		
PULL #3	3.25	3.26		
PULL #4	3.31	3.24		
PULL #5	3.22	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.58	4.51		4.55
PULL #2	4.55	4.49		4.55
PULL #3	4.49	4.18		4.59
PULL #4	4.62	4.51		4.54
PULL #5	4.57	4.55		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636202
29 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.151331
1 TO	2	.385659
1 TO	3	.127914
1 TO	4	.280146
1 TO	5	.319978

28 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0578
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0586931
THE AMR FOR THIS RIFLE IS: .9836

29 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636282

CENTERFIRE PATTERNS

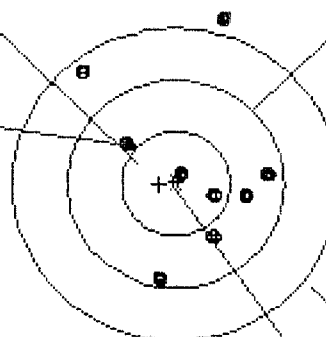
1

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

CENTROID *

HS= 1.992

VS= 3.291

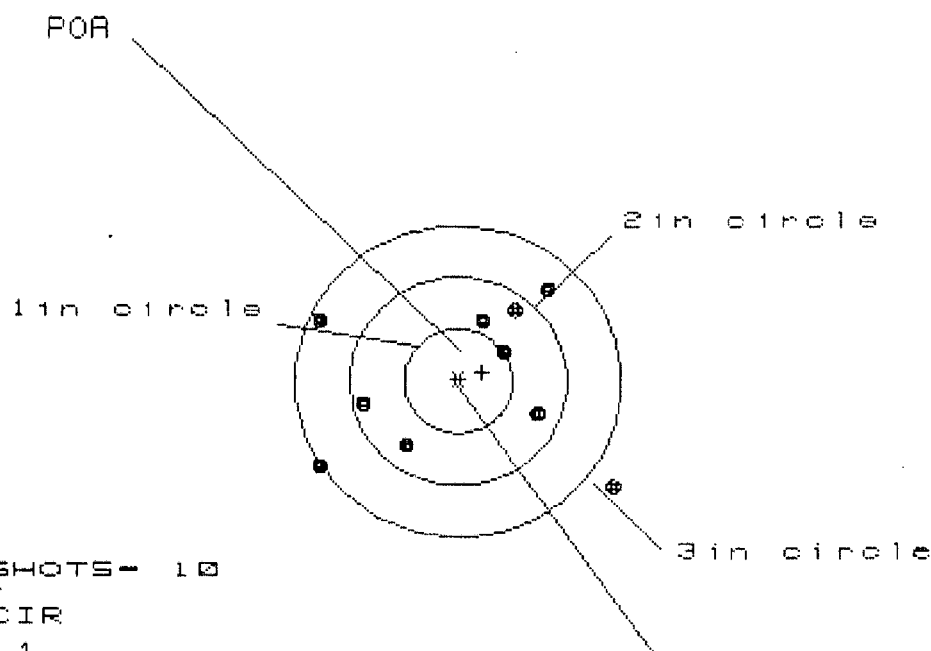
GS= 3.669

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.669	.706
MINIMUM X	-1.191	-1.022	-.985
MAXIMUM Y	1.574	1.384	1.052
MINIMUM Y	-1.717	-1.071	-.898
CENTROID X	.151	.283	.246
CENTROID Y	.010	.200	.028
POA TO CENTROID in.	.151	.347	.247
MIN RADIUS	.146	.089	.091
MEAN RADIUS	.915	.765	.652
MAX RADIUS	2.089	1.415	1.441
HORIZONTAL SPREAD	1.992	1.691	1.691
VERTICAL SPREAD	3.291	2.455	1.951
EXTREME SPREAD	3.669	2.513	2.102
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 8		

29 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.681

VS= 1.931

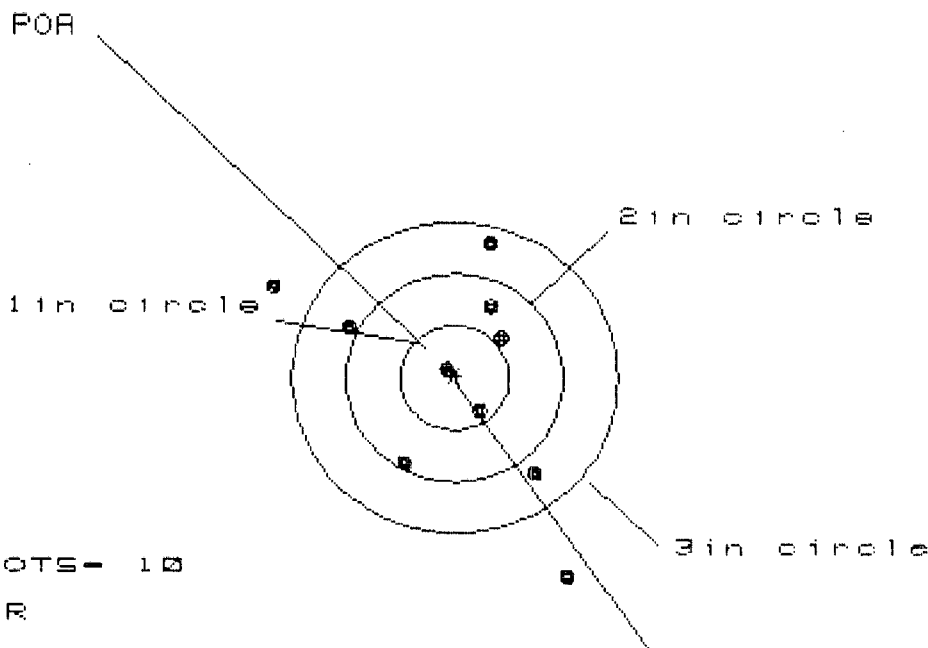
GS= 3.111

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.374	.950	.806
MINIMUM X	-1.307	-1.154	-1.260
MAXIMUM Y	.889	.773	.662
MINIMUM Y	-1.042	-.893	-.877
CENTROID X	-.222	-.375	-.231
CENTROID Y	-.088	.028	.139
POA TO CENTROID in.	.239	.376	.269
MIN RADIUS	.483	.580	.405
MEAN RADIUS	1.038	.958	.857
MAX RADIUS	1.725	1.459	1.314
HORIZONTAL SPREAD	2.681	2.104	2.066
VERTICAL SPREAD	1.931	1.666	1.539
EXTREME SPREAD	3.111	2.684	2.167
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.663

VS= 3.152

GS= 3.877

CENTROID #

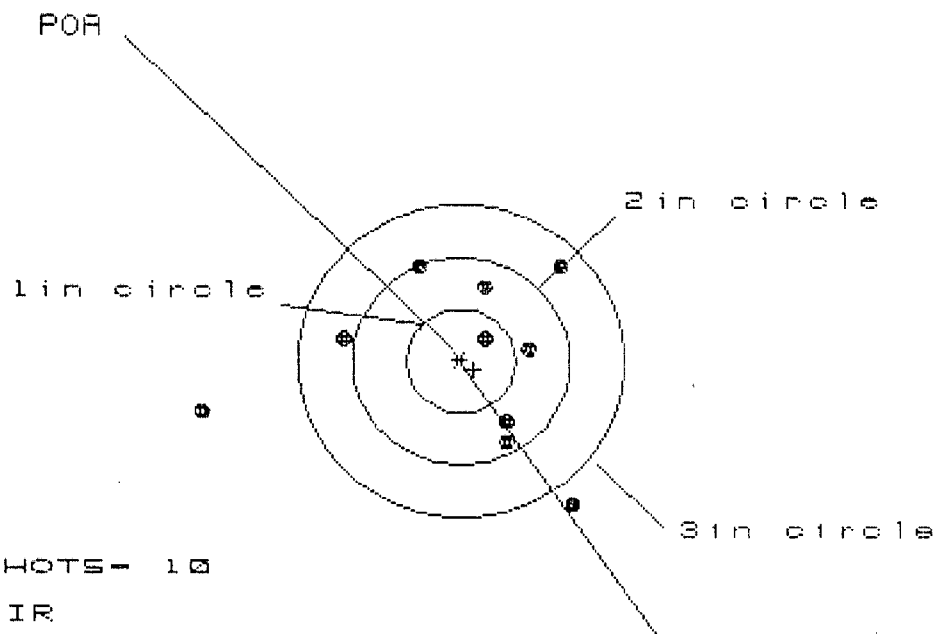
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.015	.834	.642
MINIMUM X	-1.648	-1.535	-1.035
MAXIMUM Y	1.250	1.038	1.126
MINIMUM Y	-1.902	-1.082	-.994
CENTROID X	.070	-.043	.149
CENTROID Y	-.089	.123	.035
POR TO CENTROID in.	.113	.130	.153
MIN RADIUS	.154	.094	.177
MEAN RADIUS	1.036	.900	.776
MAX RADIUS	2.156	1.689	1.183
HORIZONTAL SPREAD	2.663	2.369	1.677
VERTICAL SPREAD	3.152	2.120	2.120
EXTREME SPREAD	3.877	2.967	2.172
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.481

VS= 2.319

GS= 3.645

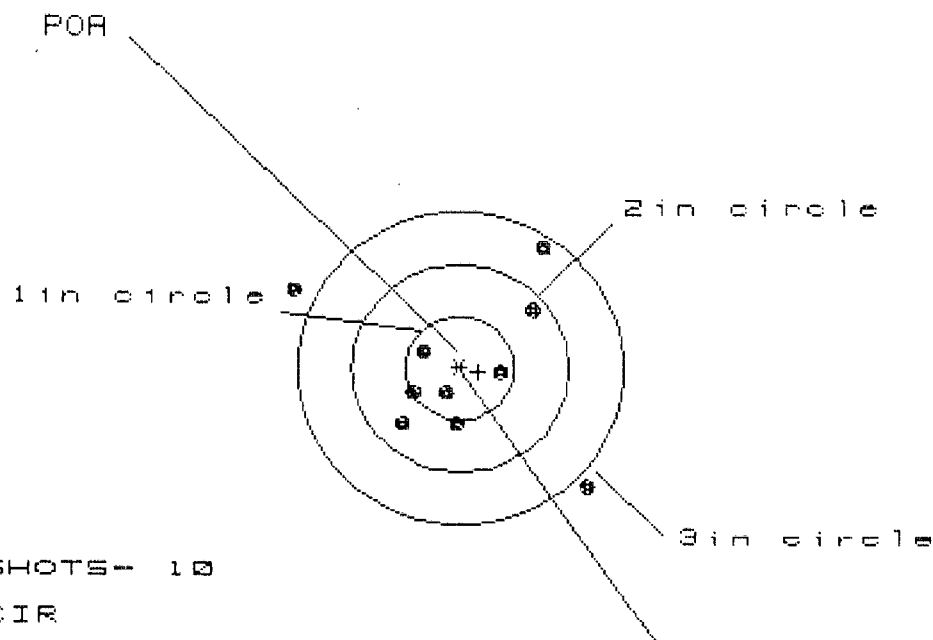
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.059	.790	.741
MINIMUM X	-2.422	-1.370	-1.272
MAXIMUM Y	.968	.911	.735
MINIMUM Y	-1.351	-1.408	-.984
CENTROID X	-.120	.149	.050
CENTROID Y	.081	.138	.314
POA TO CENTROID in.	.145	.203	.318
MIN RADIUS	.354	.180	.093
MEAN RADIUS	1.090	.867	.758
MAX RADIUS	2.475	1.614	1.272
HORIZONTAL SPREAD	3.481	2.160	2.012
VERTICAL SPREAD	2.319	2.319	1.719
EXTREME SPREAD	3.645	2.668	2.148
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 2.708

VS= 2.242

GS= 3.291

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.154	.981	.731
MINIMUM X	-1.554	-.731	-.608
MAXIMUM Y	1.137	1.222	1.095
MINIMUM Y	-1.105	-1.020	-.571
CENTROID X	-.168	.005	-.118
CENTROID Y	.035	-.050	.077
POA TO CENTROID in.	.171	.051	.141
MIN RADIUS	.233	.209	.296
MEAN RADIUS	.839	.741	.645
MAX RADIUS	1.733	1.415	1.316
HORIZONTAL SPREAD	2.708	1.712	1.339
VERTICAL SPREAD	2.242	2.242	1.666
EXTREME SPREAD	3.291	2.273	2.137
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	