

C6636043

MODEL 700TM M24

Model **SWS** TM

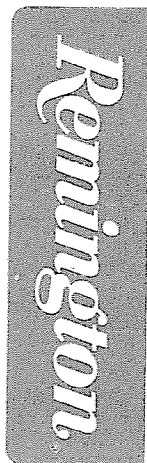
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington




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

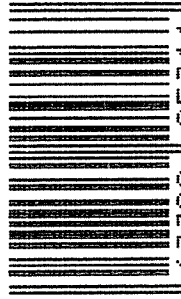
MODEL 700TM H24

SERIAL NO.
C6636043

ORDER NO.
5716

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

LPC



0 47700 25716 2



5716 C6636043

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636043

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/23/91	K.S.
600	Proof		4/23/91	K.S.
607	Check Headspace		4/23/91	K.S.
610	Dis-assemble Gun		4/23/91	K.S.
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		ES.
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-21-91	1/1
	Apply Coating (Bolt)		5-21-91	1/1
625	Final Assembly A) Clean inside of Bolt Assembly		7/15/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/15/91	KA
	C) Inspect Ejector Hole for Chamfer		7/15/91	KA
	D) Oil Firing Pin Ass'y		7/15/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		7/16/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/4	6 1/4	6 1/4			7/16/91	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			7/16/91	WB
	H) Trigger Pull Test & Retainability						7-16-91	SP
	I) Firing Pin Indent	.022	.0212	.083			7/16/91	WB
	J) Assemble Stock						7/18/91	KS
	K) Assemble Swivel Studs						7-29-91	D/H
	L) Attach Front and Rear Sight Assemblies						7/18/91	KS
	M) Iron Sight Alignment						7/18/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/18/91	KS
	O) Attach Scope to Rifle						7/18/91	KS
	P) Detach & Attach Scope 20 Times						7/18/91	KS
640	Gallery Target & Test						7-24-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						7-24-91	NF
655	Final Inspection						7-26-91	D/H
	A) Headspace						7-26-91	SP
	B) Trigger Pull	2.54	2.51	2.54	2.58	2.61	7-26-91	D/H
	C) Function						7-26-91	D/H
660	Pack						9-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. C-6636043
DATE 7-16-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.27	2.28	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.27	2.30	2.51	
PULL #3	2.42	2.28	2.36	2.54	
PULL #4	2.40	2.19	2.40	2.58	
PULL #5	2.24	2.26	2.22	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.56		
PULL #2	3.54	3.56		
PULL #3	3.52	3.52		
PULL #4	3.51	3.50		
PULL #5	3.47	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	4.41	4.49		4.32
PULL #2	4.44	4.41		4.41
PULL #3	4.53	4.50		4.42
PULL #4	4.48	4.44		4.50
PULL #5	4.47	4.13		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636043
24 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.0487545
1 TO	2	.3360006
1 TO	3	.212812
1 TO	4	.165303
1 TO	5	.734654

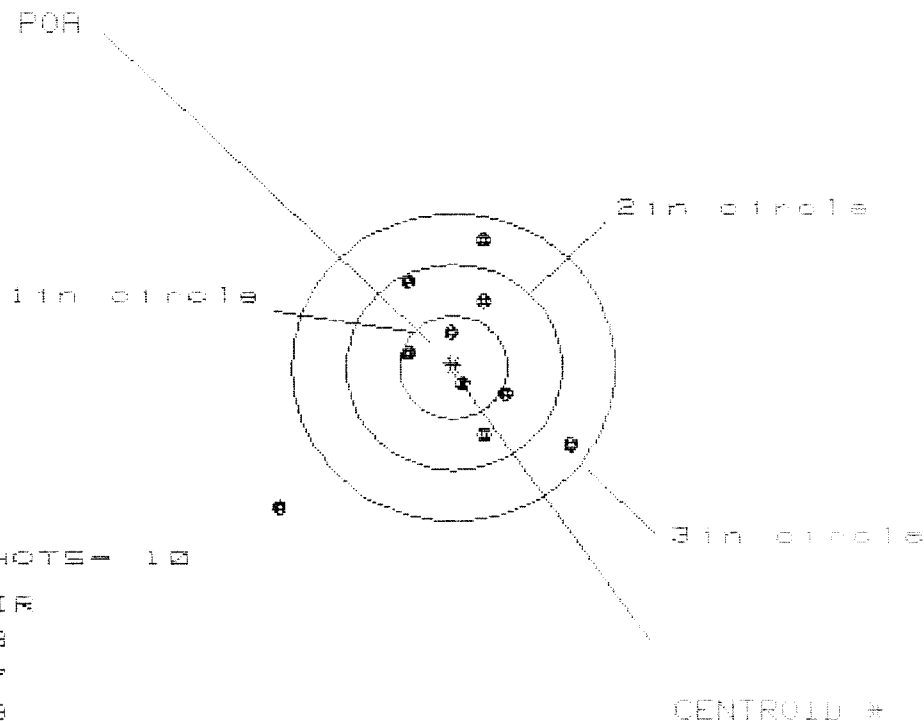
5
40
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0946
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24624
THE RMS FOR THIS RIFLE IS: .9782

24 JUL 1991

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CENTERFIRE PATTERNS # 1

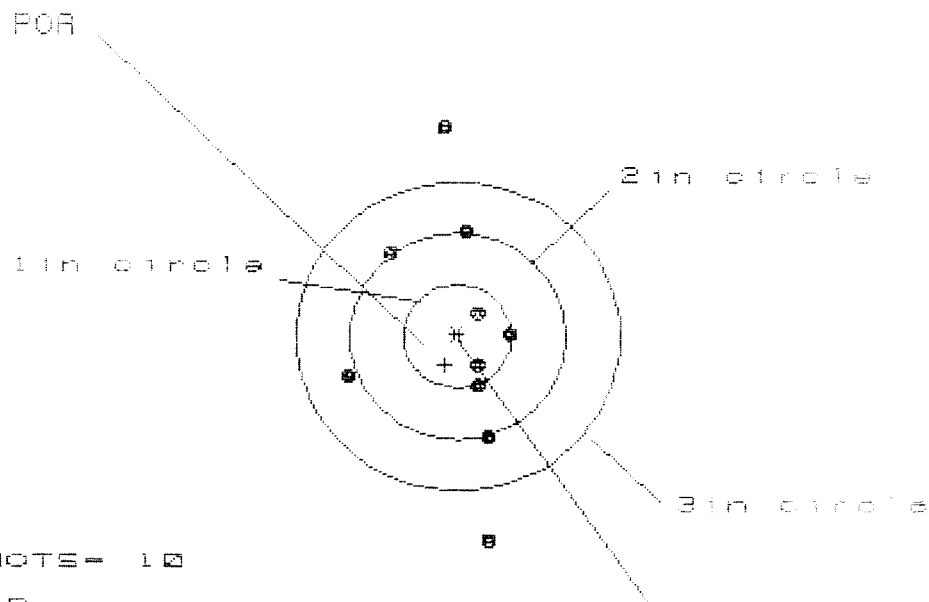


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.118	.937	.422
MINIMUM X	-1.628	-.579	-.462
MAXIMUM Y	1.211	1.058	.946
MINIMUM Y	-1.376	-.893	-.939
CENTROID X	.021	.202	.085
CENTROID Y	-.044	.109	.221
POA TO CENTROID in.	.049	.230	.237
MIN RADIUS	.207	.278	.117
MEAN RADIUS	.866	.712	.612
MAX RADIUS	2.132	1.294	.965
HORIZONTAL SPREAD	2.746	1.516	.884
VERTICAL SPREAD	2.587	1.951	1.885
EXTREME SPREAD	3.200	2.216	1.935
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 1.515

VS= 4.028

GS= 4.052

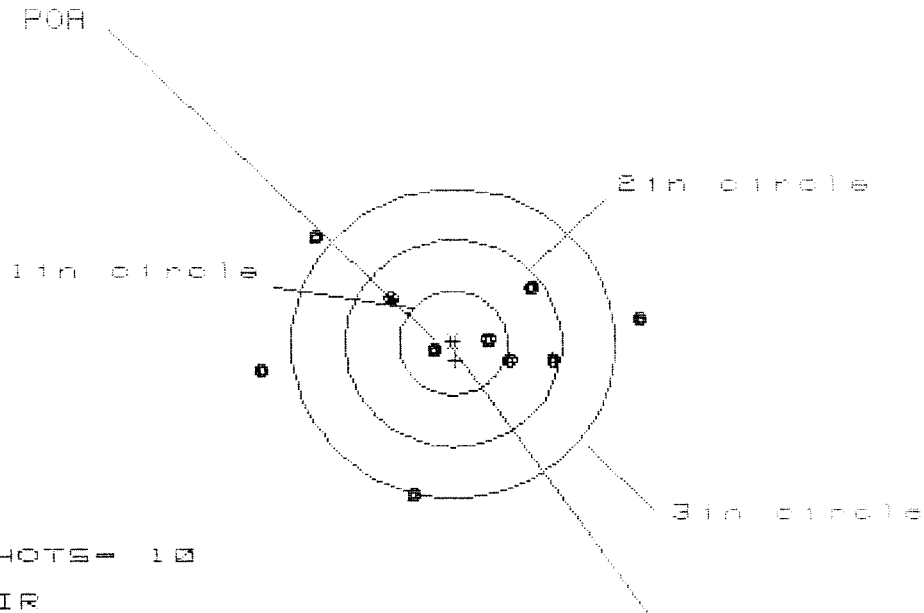
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.473
MINIMUM X	-1.042
MAXIMUM Y	2.009
MINIMUM Y	-2.019
CENTROID X	.117
CENTROID Y	.278
POR TO CENTROID in.	.301
MIN RADIUS	.309
MEAN RADIUS	.980
MAX RADIUS	2.041
HORIZONTAL SPREAD	1.515
VERTICAL SPREAD	4.028
EXTREME SPREAD	4.052
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.445

VS= 2.549

GS= 3.481

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.697	1.502	.898
MINIMUM X	:	-1.748	-1.505	-1.317
MAXIMUM Y	:	1.077	1.044	1.065
MINIMUM Y	:	-1.472	-1.505	-1.484
CENTROID X	:	-.024	.171	-.017
CENTROID Y	:	.164	.197	.176
POA TO CENTROID in.	:	.166	.261	.176
MIN RADIUS	:	.189	.136	.199
MEAN RADIUS	:	1.030	.911	.851
MAX RADIUS	:	1.773	1.831	1.694
HORIZONTAL SPREAD	:	3.445	3.007	2.215
VERTICAL SPREAD	:	2.549	2.549	2.549
EXTREME SPREAD	:	3.481	3.131	2.787
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			6	

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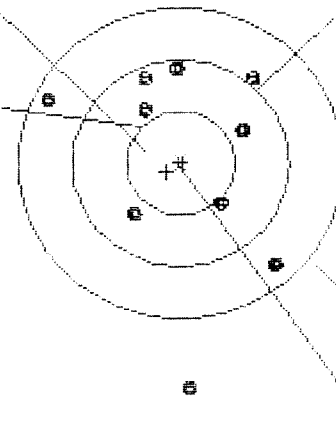
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.143

VS= 3.022

GS= 3.088

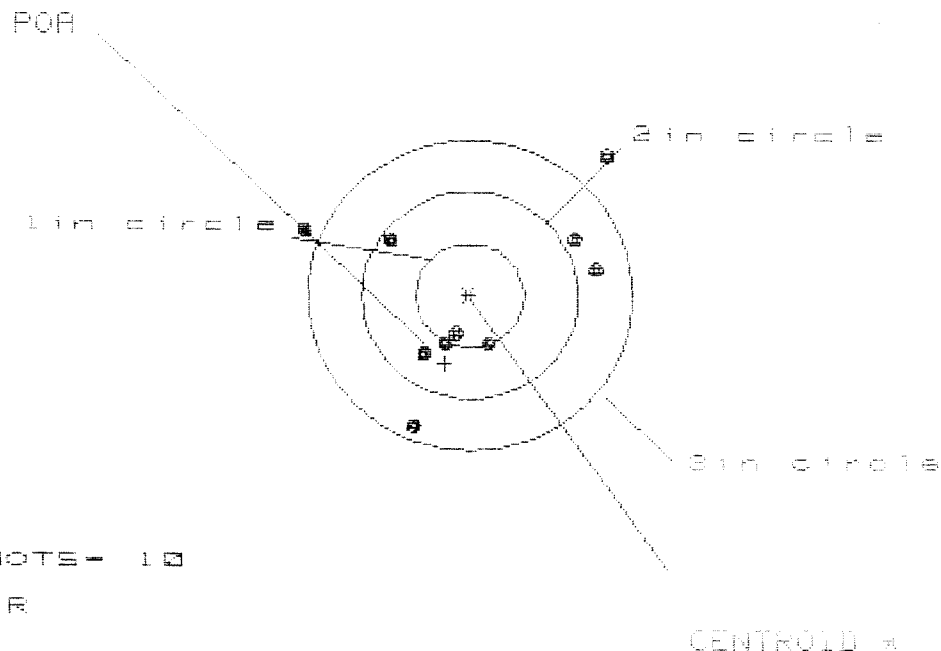
CENTROID X

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.887	.730
MINIMUM X	:	-1.269	-1.256	-1.620
MAXIMUM Y	:	.874	.636	.692
MINIMUM Y	:	-2.148	-1.188	-1.142
CENTROID X	:	.128	.115	.272
CENTROID Y	:	.082	.320	.274
POA TO CENTROID in.	:	.152	.340	.386
MIN RADIUS	:	.506	.464	.420
MEAN RADIUS	:	1.012	.840	.776
MAX RADIUS	:	2.151	1.483	1.355
HORIZONTAL SPREAD	:	2.143	2.143	1.350
VERTICAL SPREAD	:	3.022	1.824	1.824
EXTREME SPREAD	:	3.088	2.652	2.152
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.736

VS = 2.587

GS = 3.123

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.236
MINIMUM X	-1.566
MAXIMUM Y	1.387
MINIMUM Y	-1.288
CENTROID X	.231
CENTROID Y	.668
POA TO CENTROID in.	.768
MIN RADIUS	.393
MEAN RADIUS	1.083
MAX RADIUS	1.794
HORIZONTAL SPREAD	2.736
VERTICAL SPREAD	2.587
EXTREME SPREAD	3.123
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8