

C6522133

MODEL 700TM M24

Model **SMS** TM

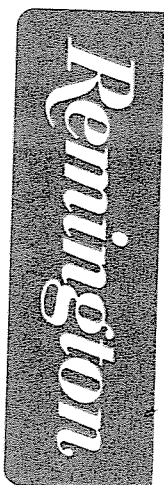
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington.



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

MODEL 700™ H24

SERIAL NO.
C6522133

ORDER NO.
5716

Ø1

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



5716 C6522133

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400004290

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522133

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KJ
600	Proof		10/4/90	KJ
607	Check Headspace		10/4/90	KJ
610	Dis-assemble Gun		10/4/90	KJ
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	LS
617	Drill and Tap Sight Holes		10/11/90	KB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/19/90	WB
	C) Inspect Ejector Hole for Chamfer		10/19/90	WB
	D) Oil Firing Pin Ass'y		10/19/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/90	WB

op. #	OP. NAME	READINGS			DATE	INIT
525 cont.	F) Safety On Force	4.0	4.25	4.5	11-2-90	KT
	G) Safety Off Force	2.5	2.75	2.5	11-2-90	KT
	H) Trigger Pull Test & Retainability				11/5/90	W.B.
	I) Firing Pin Indent	.025	.026	.028	11-2-90	KT
	J) Assemble Stock				11-5-90	KA
	K) Assemble Swivel Studs				11-20-90	DH
	L) Attach Front and Rear Sight Assemblies				11-5-90	KA
	M) Iron Sight Alignment				11-5-90	KA
	N) Detach Front & Rear Sights & place in numbered container				11-5/90	KA
	O) Attach Scope to Rifle				11-5/90	KA
	P) Detach & Attach Scope 20 Times				11/5/90	KA
640	Gallery Target & Test				11-6-90	KT
	A) Time				11-6-90	KT
	B) Malfunctions				11-6-90	KT
	C) Pierced Primers				11-6-90	KT
	D) Optical Clarity of Scope				11-6-90	KT
645	Inspect for Live Ammo				11-6-90	KT
655	Final Inspection				11-20-90	DH
	A) Headspace				11-20-90	DH
	B) Trigger Pull	237	240	237	11-20-90	DH
	C) Function				11-20-90	DH
660	Pack				12/14/90	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522133

DATE 11/5/90

TESTER WS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.48	2.30	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.34	2.36	2.40	
PULL #3	2.44	2.32	2.32	2.37	
PULL #4	2.33	2.27	2.31	2.38	
PULL #5	2.45	2.32	2.31	2.39	
TOTAL	12.04	11.73	11.60		
AVG.	2.41	2.34	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.42		
PULL #2	3.17	3.20		
PULL #3	3.13	3.12		
PULL #4	3.11	3.13		
PULL #5	3.10	3.08		
TOTAL	15.70	15.65		
AVG.	3.14	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.02		4.12
PULL #2	4.04	3.90		4.18
PULL #3	3.98	4.00		4.09
PULL #4	4.02	3.98		4.14
PULL #5	4.03	4.08		4.01
TOTAL	20.13	19.98		20.54
AVG.	4.03	4.00		4.11

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522133
7 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.320383
1 TO	2	.359956
1 TO	3	.418269
1 TO	4	.494381
1 TO	5	.376258

 <----POA

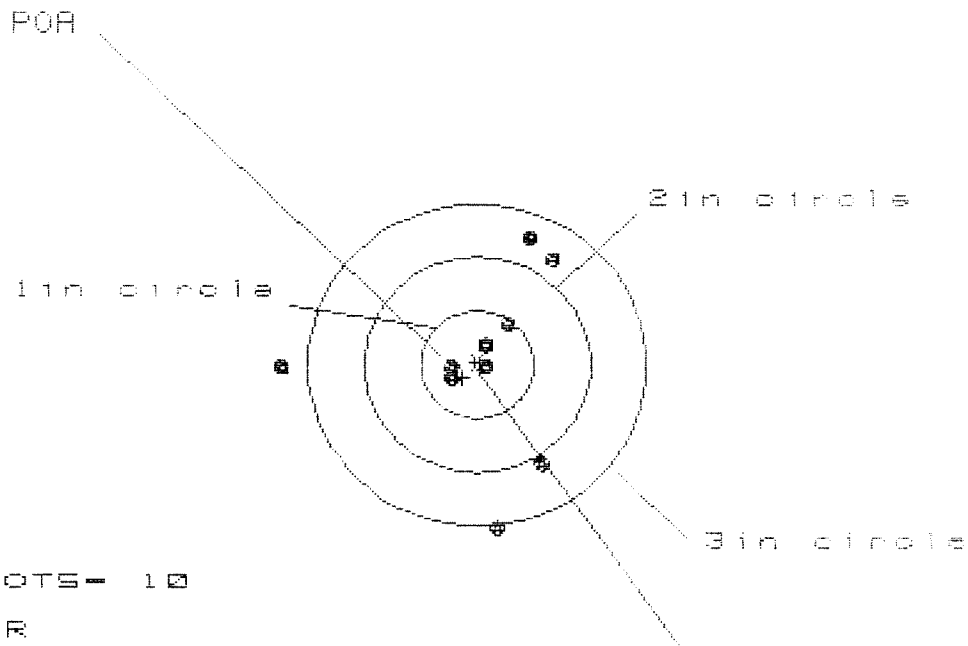
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.03
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.9726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0785542
THE AMR FOR THIS RIFLE IS: .92

7 Nov 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06522133

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1in = 5

2in = 5

3in = 9

HS = 2.422

VS = 2.693

GS = 2.711

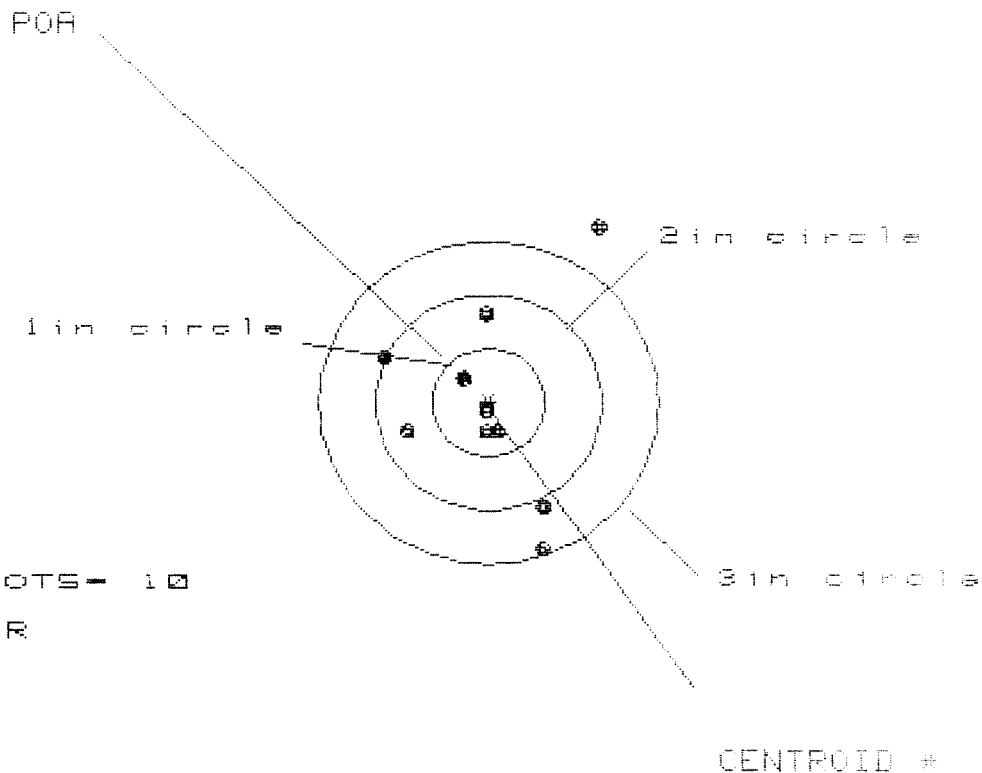
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.669	.475	.469
MINIMUM X	:	-1.753	-.448	-.454
MAXIMUM Y	:	1.204	1.198	1.012
MINIMUM Y	:	-1.489	-1.495	-1.158
CENTROID X	:	.130	.324	.330
CENTROID Y	:	.117	.123	.309
POA TO CENTROID in.	:	.175	.347	.452
MIN RADIUS	:	.052	.156	.122
MEAN RADIUS	:	.807	.719	.596
MAX RADIUS	:	1.753	1.495	1.217
HORIZONTAL SPREAD	:	2.422	.923	.923
VERTICAL SPREAD	:	2.693	2.693	2.170
EXTREME SPREAD	:	2.711	2.711	2.173
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522133

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.860

VS= 3.029

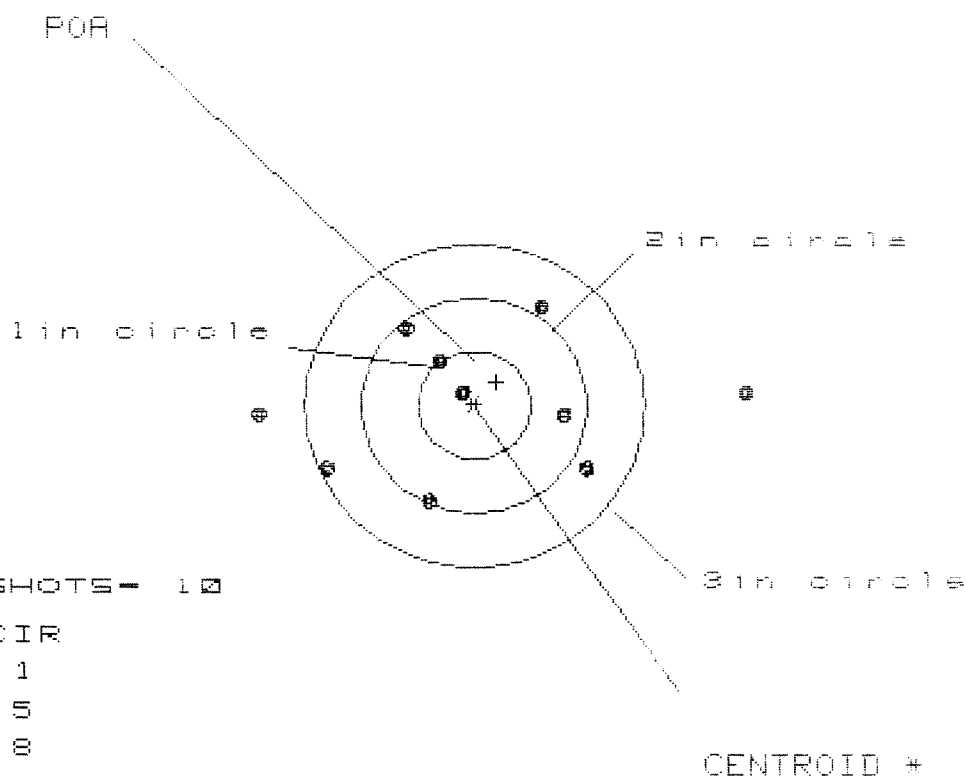
GS= 3.072

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.541	.608
MINIMUM X	:	-.914	-.809	-.742
MAXIMUM Y	:	1.621	1.058	.905
MINIMUM Y	:	-1.408	-1.228	-.921
CENTROID X	:	.222	.117	.050
CENTROID Y	:	-.231	-.411	-.258
POA TO CENTROID in.	:	.321	.428	.262
MIN RADIUS	:	.049	.116	.166
MEAN RADIUS	:	.794	.656	.570
MAX RADIUS	:	1.877	1.340	1.104
HORIZONTAL SPREAD	:	1.860	1.350	1.350
VERTICAL SPREAD	:	3.029	2.286	1.826
EXTREME SPREAD	:	3.072	2.326	1.911
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522133

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 4.278

VS= 1.835

GS= 4.283

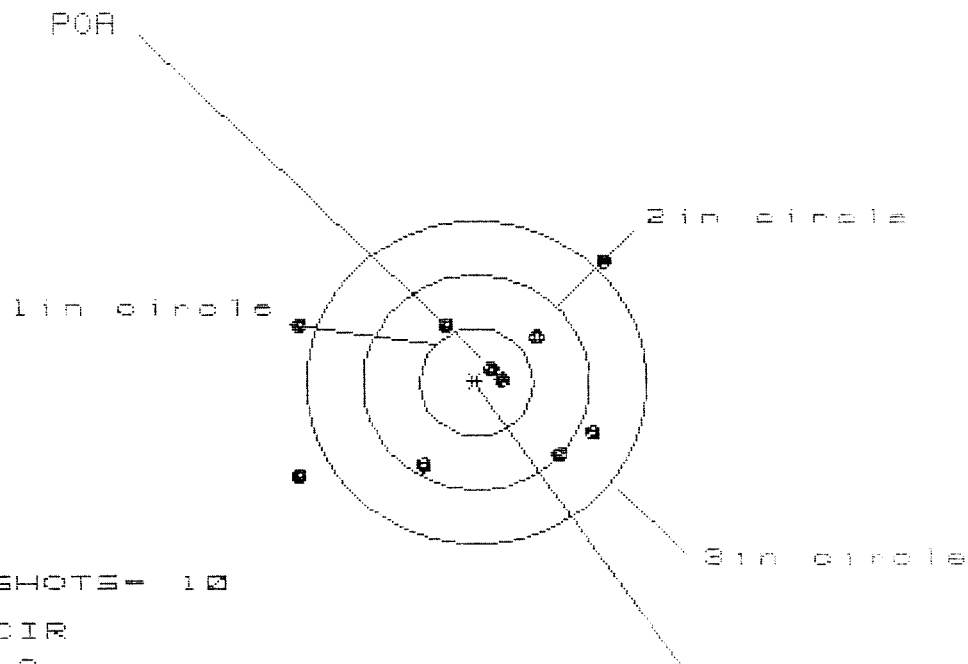
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.355	1.229	1.022
MINIMUM X	:	-1.923	-1.662	-1.228
MAXIMUM Y	:	.952	.961	.948
MINIMUM Y	:	-.883	-.874	-.887
CENTROID X	:	-.196	-.457	-.249
CENTROID Y	:	-.216	-.225	-.212
POA TO CENTROID in.	:	.291	.510	.327
MIN RADIUS	:	.151	.178	.111
MEAN RADIUS	:	1.138	.987	.881
MAX RADIUS	:	2.356	1.665	1.377
HORIZONTAL SPREAD	:	4.278	2.891	2.250
VERTICAL SPREAD	:	1.835	1.835	1.835
EXTREME SPREAD	:	4.283	2.923	2.429
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 May 1938

FILE:/PATTERNING/CENTERFIRE_PATT/08522133

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.756

VS= 2.058

GS= 3.440

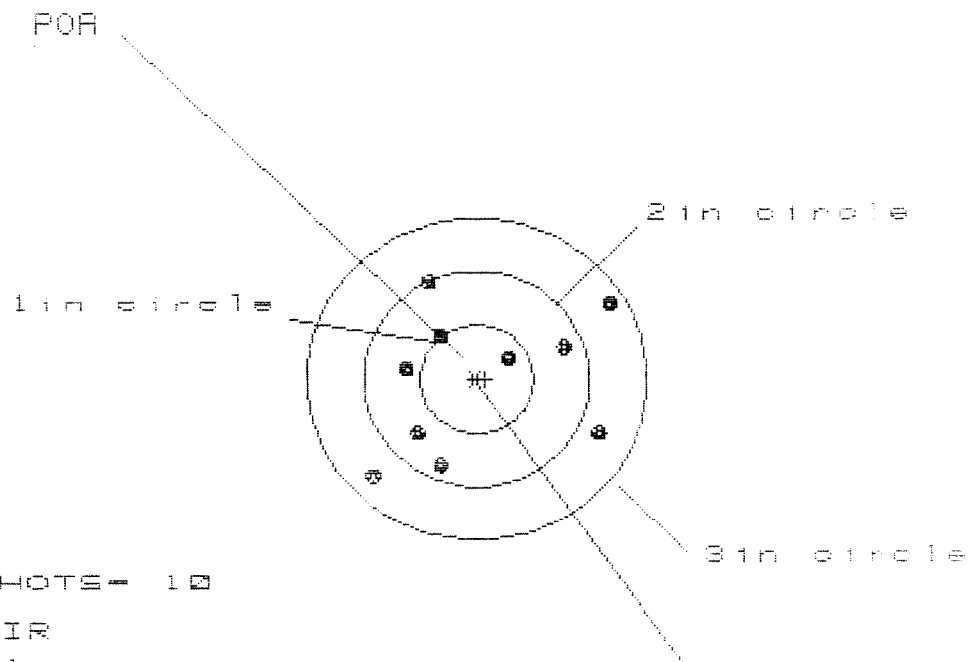
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	.961	1.019
MINIMUM X	:	-1.615	-1.699	-1.579
MAXIMUM Y	:	1.158	1.058	.580
MINIMUM Y	:	-.900	-.867	-.735
CENTROID X	:	-.231	-.051	-.171
CENTROID Y	:	-.033	.067	-.065
POA TO CENTROID in.	:	.233	.085	.183
MIN RADIUS	:	.185	.117	.199
MEAN RADIUS	:	.989	.848	.793
MAX RADIUS	:	1.849	1.757	1.682
HORIZONTAL SPREAD	:	2.756	2.660	2.598
VERTICAL SPREAD	:	2.058	1.925	1.315
EXTREME SPREAD	:	3.440	2.782	2.782
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522133

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.059

VS = 1.784

GS = 2.566

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.136	1.152	1.053
MINIMUM X	:	-.923	-.797	-.645
MAXIMUM Y	:	.988	.976	.875
MINIMUM Y	:	-.881	-.888	-.846
CENTROID X	:	-.075	-.201	-.182
CENTROID Y	:	-.008	-.073	.028
POA TO CENTROID in.	:	.075	.214	.106
MIN RADIUS	:	.364	.507	.366
MEAN RADIUS	:	.872	.814	.762
MAX RADIUS	:	1.309	1.238	1.189
HORIZONTAL SPREAD	:	2.059	1.949	1.698
VERTICAL SPREAD	:	1.784	1.784	1.721
EXTREME SPREAD	:	2.566	2.069	2.044
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	