

C6587680

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.

Remington

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

MODEL 700™ H24

SERIAL NO.

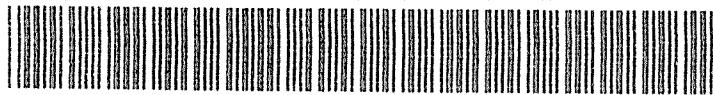
C6587680

ORDER NO.

5716

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

01



5716 C6587680

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587680

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	GL
617	Drill and Tap Sight Holes		10/11/90	LB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10/12/90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-90	SH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/6/90	WB		
	G) Safety Off Force	2	2	2	11/6/90	WB		
	H) Trigger Pull Test & Retainability				11-6-90	JH		
	I) Firing Pin Indent	.021	.0215	.0215	11/6/90	WB		
	J) Assemble Stock				11/6/90	RW		
	K) Assemble Swivel Studs				11/19/90	JS		
	L) Attach Front and Rear Sight Assemblies				11/6/90	RW		
	M) Iron Sight Alignment				11/6/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/6/90	RW		
	O) Attach Scope to Rifle				11/6/90	RW		
	P) Detach & Attach Scope 20 Times				11/6/90	RW		
640	Gallery Target & Test				11-7-90	KT		
	A) Time				11-7-90	KT		
	B) Malfunctions				11-7-90	KT		
	C) Pierced Primers				11-7-90	KT		
	D) Optical Clarity of Scope				11-7-90	KT		
645	Inspect for Live Ammo				11-7-90	KT		
655	Final Inspection				11/19/90	JS		
	A) Headspace				11/19/90	JS		
	B) Trigger Pull	244	242	247	233	243	11/19/90	JS
	C) Function						11/19/90	JS
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587680

DATE 11-6-90

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.24	2.26	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.49	2.26	2.42	
PULL #3	2.25	2.47	2.32	2.42	
PULL #4	2.34	2.28	2.28	2.33	
PULL #5	2.38	2.25	2.33	2.43	
TOTAL	11.46	11.73	11.45		
AVG.	2.292	2.346	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.20		
PULL #2	3.39	3.42		
PULL #3	3.20	3.34		
PULL #4	3.45	3.35		
PULL #5	3.41	3.26		
TOTAL	16.87	16.57		
AVG.	3.374	3.314		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.13		4.22
PULL #2	4.50	4.25		4.19
PULL #3	4.50	4.13		4.19
PULL #4	4.30	4.15		4.42
PULL #5	4.21	4.16		4.23
TOTAL	21.96	20.77		21.23
AVG.	4.392	4.154		4.246

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587680
8 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.124619
1 TO	2	.226035
1 TO	3	.322076
1 TO	4	.153026
1 TO	5	.265801

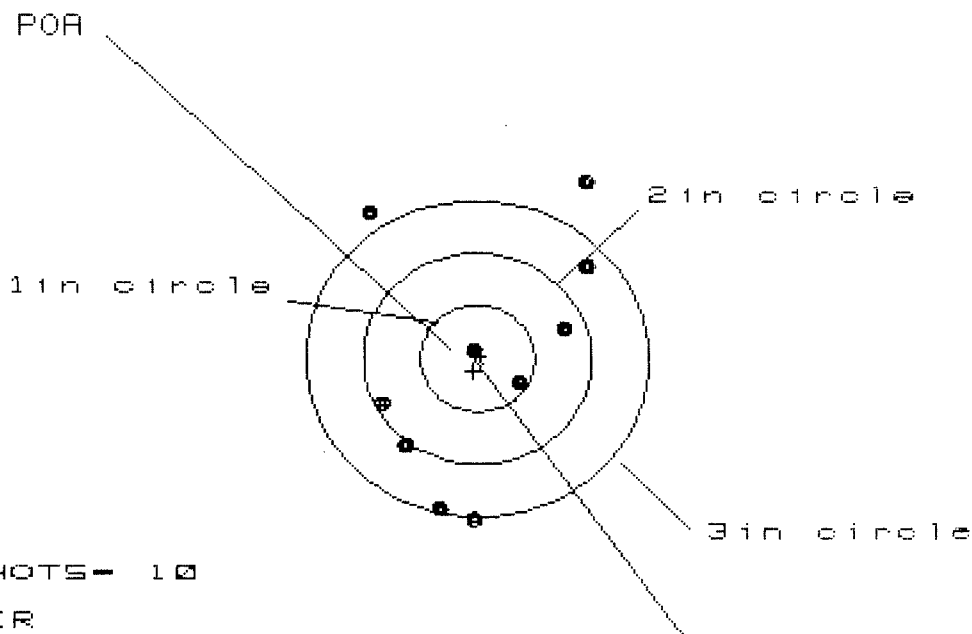
323 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0314
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0373363
THE AMR FOR THIS RIFLE IS: .9778

8 Nov 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 1.867

VS = 3.205

GS = 3.364

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.926	1.022	.917
MINIMUM X	:	-.941	-.838	-.867
MAXIMUM Y	:	1.698	1.530	1.223
MINIMUM Y	:	-1.507	-1.318	-1.127
CENTROID X	:	.037	-.066	.039
CENTROID Y	:	.119	-.070	-.261
POA TO CENTROID in.	:	.124	.096	.264
MIN RADIUS	:	.135	.307	.403
MEAN RADIUS	:	1.110	1.012	.912
MAX RADIUS	:	1.934	1.745	1.529
HORIZONTAL SPREAD	:	1.867	1.860	1.784
VERTICAL SPREAD	:	3.205	2.848	2.350
EXTREME SPREAD	:	3.364	2.979	2.593
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.860

VS= 2.761

GS= 2.954

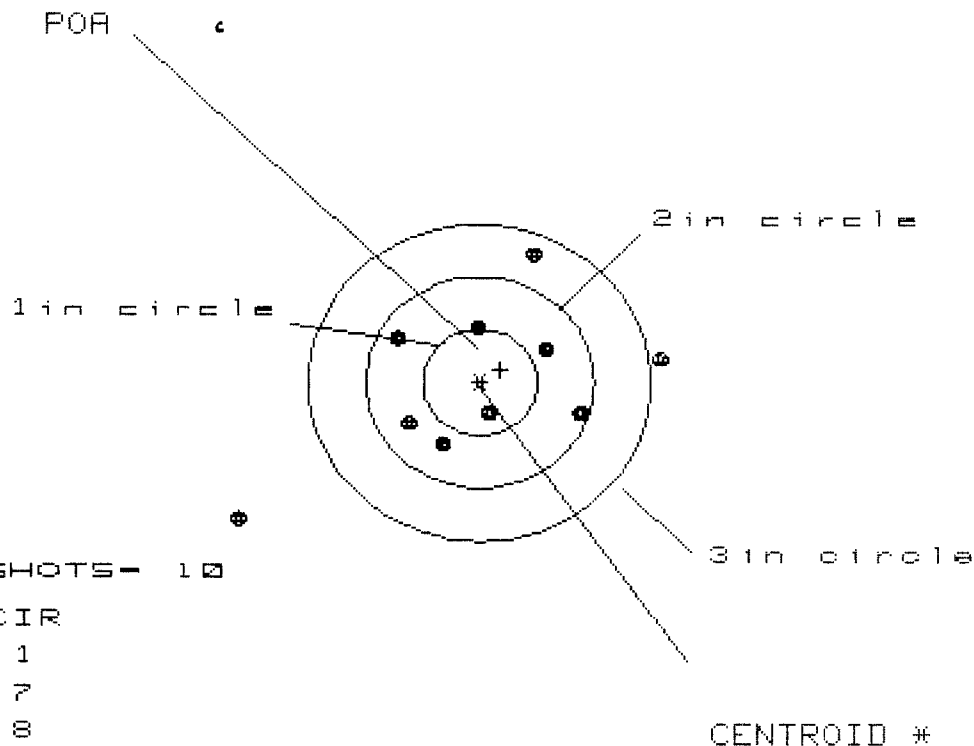
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.949	.851
MINIMUM X	:	-.977	-.911	-.792
MAXIMUM Y	:	1.647	1.073	.330
MINIMUM Y	:	-1.114	-.931	-.797
CENTROID X	:	.041	-.025	-.144
CENTROID Y	:	-.107	-.290	-.424
POA TO CENTROID in.	:	.114	.291	.448
MIN RADIUS	:	.189	.124	.218
MEAN RADIUS	:	.894	.767	.679
MAX RADIUS	:	1.751	1.433	.876
HORIZONTAL SPREAD	:	1.860	1.860	1.643
VERTICAL SPREAD	:	2.761	2.004	1.127
EXTREME SPREAD	:	2.954	2.410	1.650
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 3.686

VS = 2.431

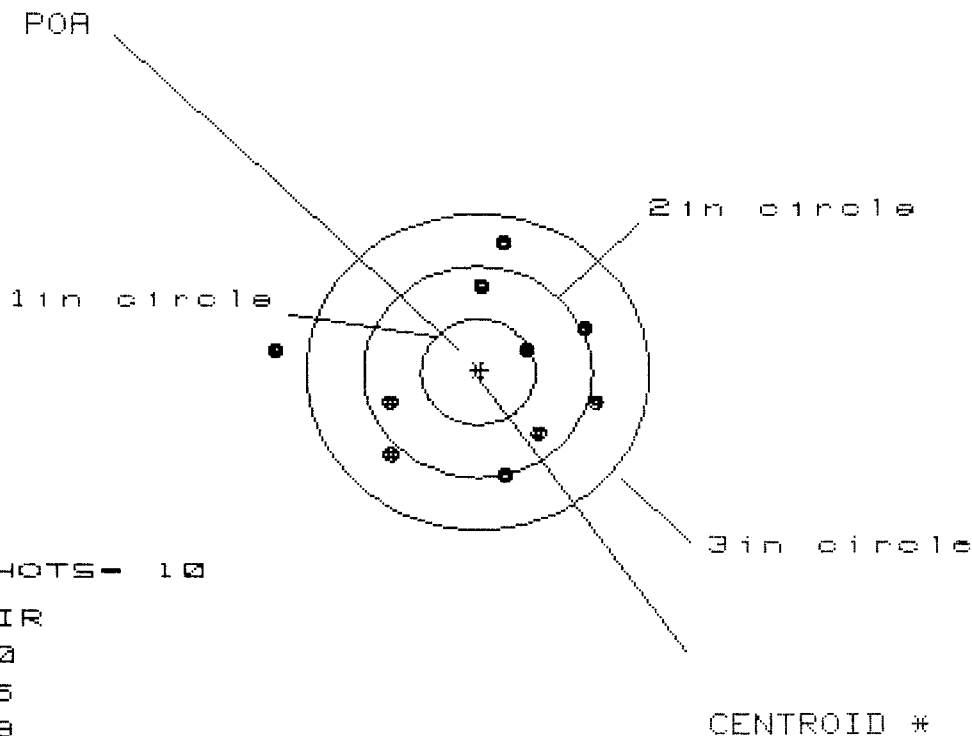
GS = 3.949

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.604	1.373	.853
MINIMUM X	:	-2.082	-.949	-.778
MAXIMUM Y	:	1.199	1.062	1.068
MINIMUM Y	:	-1.232	-.705	-.699
CENTROID X	:	-.180	.051	-.120
CENTROID Y	:	-.119	.018	.012
POA TO CENTROID in.	:	.216	.054	.121
MIN RADIUS	:	.274	.398	.381
MEAN RADIUS	:	1.002	.828	.746
MAX RADIUS	:	2.419	1.374	1.154
HORIZONTAL SPREAD	:	3.686	2.322	1.631
VERTICAL SPREAD	:	2.431	1.767	1.767
EXTREME SPREAD	:	3.949	2.336	1.945
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.841

VS= 2.168

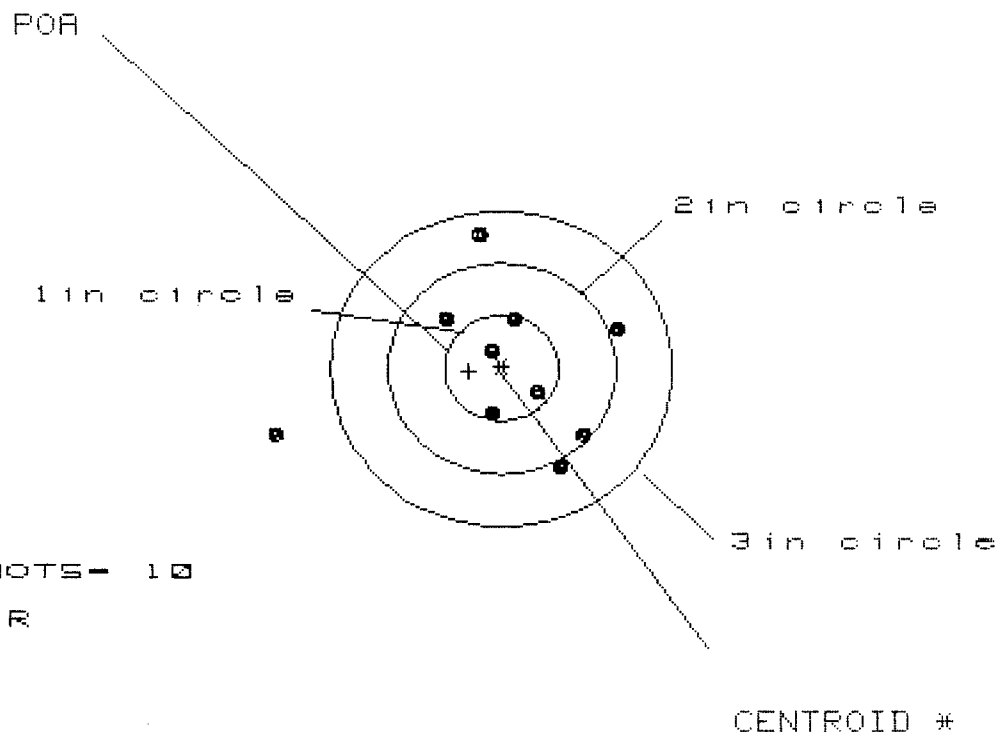
GS= 2.895

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.022	.820	.825
MINIMUM X	:	-1.819	-1.015	-1.010
MAXIMUM Y	:	1.203	1.230	.998
MINIMUM Y	:	-.965	-.938	-.784
CENTROID X	:	-.027	.175	.170
CENTROID Y	:	-.020	-.047	-.201
POA TO CENTROID in.:	:	.034	.181	.263
MIN RADIUS	:	.519	.366	.487
MEAN RADIUS	:	1.023	.896	.846
MAX RADIUS	:	1.835	1.236	1.147
HORIZONTAL SPREAD	:	2.841	1.835	1.835
VERTICAL SPREAD	:	2.168	2.168	1.782
EXTREME SPREAD	:	2.895	2.221	2.084
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 9

HS- 3.029

VS- 2.200

GS- 3.176

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.027	.804	.758
MINIMUM X	:	-2.002	-.680	-.726
MAXIMUM Y	:	1.266	1.202	.576
MINIMUM Y	:	-.934	-.998	-.848
CENTROID X	:	.286	.509	.555
CENTROID Y	:	.026	.090	-.060
POA TO CENTROID in.	:	.287	.517	.558
MIN RADIUS	:	.160	.268	.113
MEAN RADIUS	:	.860	.709	.623
MAX RADIUS	:	2.084	1.257	.899
HORIZONTAL SPREAD	:	3.029	1.484	1.484
VERTICAL SPREAD	:	2.200	2.200	1.424
EXTREME SPREAD	:	3.176	2.300	1.693
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	