

C6587725

MODEL 700TM M24

Model **SMS** TM

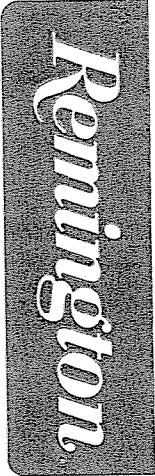
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

Remington®

MODEL 700™ M24

REG. U.S. PAT. & TM. OFF.

DUPONT

SERIAL NO.
C6587725

ORDER NO.
5716

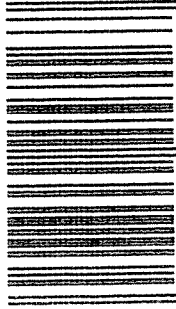
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6587725

UPC



0 47700 25716 2

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587725

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KA
600	Proof		10/18/90	KA
607	Check Headspace		10/18/90	KA
610	Dis-assemble Gun		10/18/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GL
617	Drill and Tap Sight Holes		10/23/90	KB
618	Polish Barrel <i>KB</i>		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-6-90	KA
	Apply Coating (Bolt)		11-6-90	KA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11-6-90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-6-90	KS
	C) Inspect Ejector Hole for Chamfer		11-6-90	KS
	D) Oil Firing Pin Ass'y		11-6-90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1-24-91	JS

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op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/25/91	WB
	G) Safety Off Force	2	2	2			1/25/91	WB
	H) Trigger Pull Test & Retainability						1-24-91	JK
	I) Firing Pin Indent	.0207	.0205	.0205			1/25/91	WB
	J) Assemble Stock						1/25/91	KS
	K) Assemble Swivel Studs						2-4-91	KS
	L) Attach Front and Rear Sight Assemblies						1/25/91	KS
	M) Iron Sight Alignment						1/25/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/25/91	KS
	O) Attach Scope to Rifle						1/25/91	KS
	P) Detach & Attach Scope 20 Times						1/25/91	KS
640	Gallery Target & Test						1/28/91	K2
	A) Time						"	K2
	B) Malfunctions						"	K2
	C) Pierced Primers						"	K2
	D) Optical Clarity of Scope						"	K2
645	Inspect for Live Ammo						1/28/91	K2
655	Final Inspection							
	A) Headspace						2-4-91	KS
	B) Trigger Pull	2.28	2.31	2.24	2.27	2.39	2-1-91	JK
	C) Function						2-4-91	KS
660	Pack						3-17-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587725

DATE 1/24/91

TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.40	2.22	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.33	2.26	2.31	
PULL #3	2.50	2.37	2.22	2.24	
PULL #4	2.46	2.44	2.24	2.27	
PULL #5	2.39	2.16	2.12	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.41		
PULL #2	3.44	3.44		
PULL #3	3.48	3.47		
PULL #4	3.50	3.46		
PULL #5	3.53	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	4.36	4.50		4.42
PULL #2	4.42	4.43		4.17
PULL #3	4.39	4.37		4.35
PULL #4	4.41	4.47		4.23
PULL #5	4.48	4.50		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587725
29 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.466087
1 TO	2	.455887
1 TO	3	.29144
1 TO	4	.318823
1 TO	5	.35165

1

<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1726
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213227

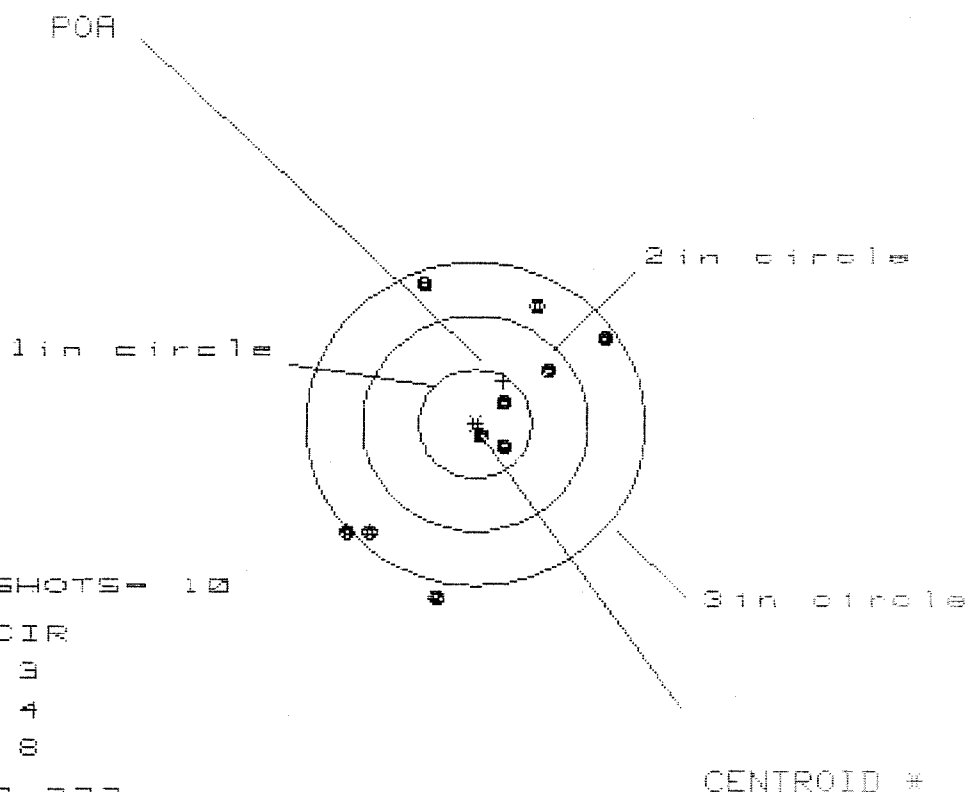
THE AMR FOR THIS RIFLE IS: 1.094

29 Jan 1991

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CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS = 2.372

VS = 2.875

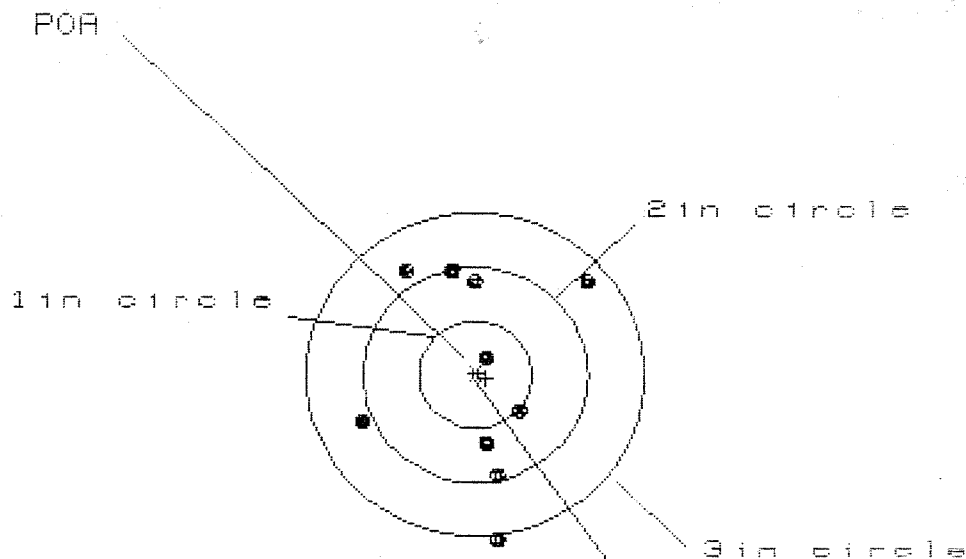
GS = 3.013

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.188	1.151	.999
MINIMUM X	-1.184	-1.221	-1.154
MAXIMUM Y	1.301	1.126	.975
MINIMUM Y	-1.574	-1.205	-1.351
CENTROID X	-.249	-.212	-.060
CENTROID Y	-.394	-.219	-.068
POA TO CENTROID in.	.466	.305	.091
MIN RADIUS	.114	.182	.117
MEAN RADIUS	1.025	.946	.818
MAX RADIUS	1.609	1.715	1.777
HORIZONTAL SPREAD	2.372	2.372	2.153
VERTICAL SPREAD	2.875	2.331	2.326
EXTREME SPREAD	3.013	3.013	2.841
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.910

VS= 2.572

GS= 2.659

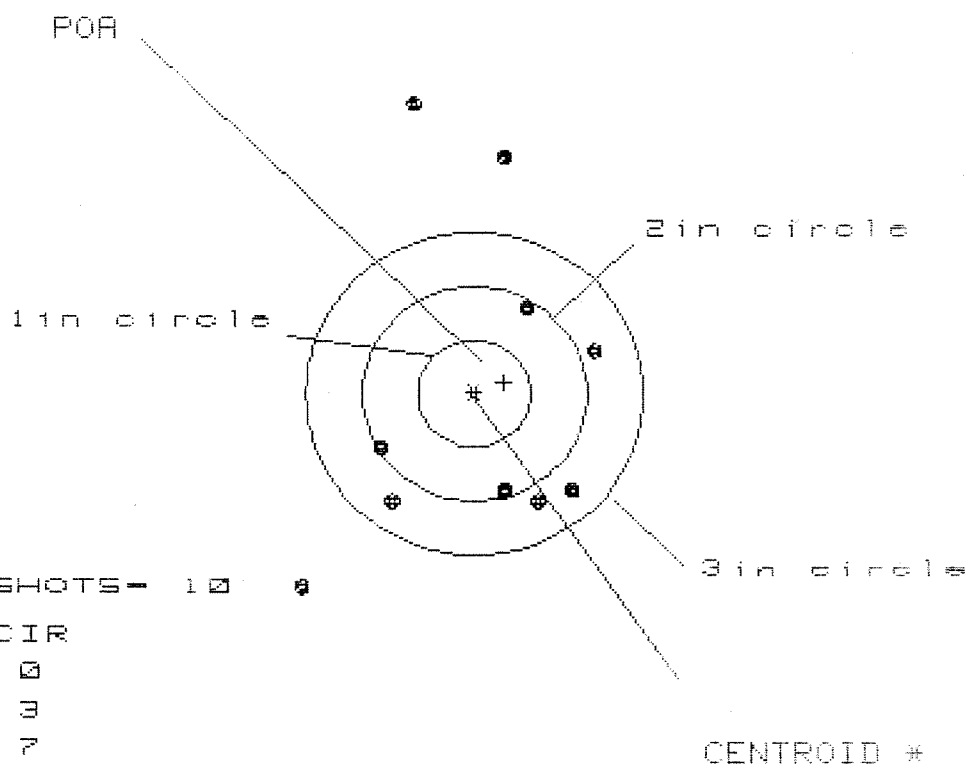
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.950	.970	.486
MINIMUM X	:	-.960	-.940	-.819
MAXIMUM Y	:	.999	.825	.907
MINIMUM Y	:	-1.573	-1.082	-1.000
CENTROID X	:	-.092	-.112	-.233
CENTROID Y	:	.034	.208	.126
POA TO CENTROID in.	:	.098	.236	.265
MIN RADIUS	:	.217	.080	.226
MEAN RADIUS	:	.925	.833	.799
MAX RADIUS	:	1.583	1.175	1.046
HORIZONTAL SPREAD	:	1.910	1.910	1.305
VERTICAL SPREAD	:	2.572	1.907	1.907
EXTREME SPREAD	:	2.659	2.289	2.027
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.611

VS= 4.481

GS= 4.589

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	1.054	.859
MINIMUM X	:	-1.500	-1.557	-1.070
MAXIMUM Y	:	2.722	2.506	2.324
MINIMUM Y	:	-1.759	-1.457	-.908
CENTROID X	:	-.265	-.208	-.013
CENTROID Y	:	-.103	-.405	-.223
POA TO CENTROID in.	:	.284	.456	.224
MIN RADIUS	:	.862	.670	.808
MEAN RADIUS	:	1.493	1.282	1.179
MAX RADIUS	:	2.770	2.519	2.325
HORIZONTAL SPREAD	:	2.611	2.611	1.929
VERTICAL SPREAD	:	4.481	3.963	3.232
EXTREME SPREAD	:	4.589	4.355	3.387
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.537

VS= 4.057

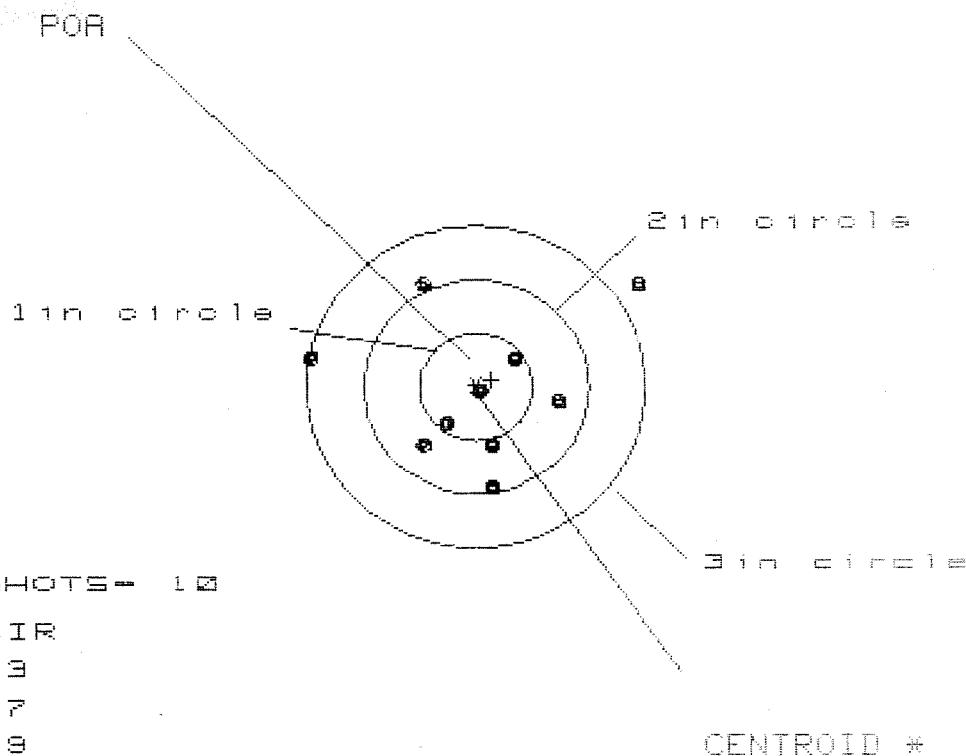
GS= 4.058

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.622	1.667	1.433
MINIMUM X	:	-1.915	-1.870	-1.790
MAXIMUM Y	:	2.701	1.224	1.226
MINIMUM Y	:	-1.356	-1.056	-1.054
CENTROID X	:	-.121	-.166	.068
CENTROID Y	:	-.102	-.402	-.404
POA TO CENTROID in.	:	.158	.435	.410
MIN RADIUS	:	.486	.287	.164
MEAN RADIUS	:	1.223	.969	.849
MAX RADIUS	:	2.732	1.870	1.434
HORIZONTAL SPREAD	:	3.537	3.537	2.224
VERTICAL SPREAD	:	4.057	2.280	2.280
EXTREME SPREAD	:	4.058	3.537	2.425
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.872

VS= 1.884

GS= 2.948

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.420	.852	.691
MINIMUM X	-1.452	-1.294	-.467
MAXIMUM Y	.974	1.080	1.131
MINIMUM Y	-.910	-.804	-.753
CENTROID X	-.136	-.294	-.133
CENTROID Y	-.061	-.168	-.219
POA TO CENTROID in.	.150	.339	.256
MIN RADIUS	.021	.180	.137
MEAN RADIUS	.805	.699	.587
MAX RADIUS	1.716	1.355	1.224
HORIZONTAL SPREAD	2.872	2.146	1.158
VERTICAL SPREAD	1.884	1.884	1.884
EXTREME SPREAD	2.948	2.185	1.966
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	

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NUMBER IN THREE INCH CIRCLE =

9

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0025924 M2400025963