

C6523362

MODEL 700TM N24

Model **SMS**TM

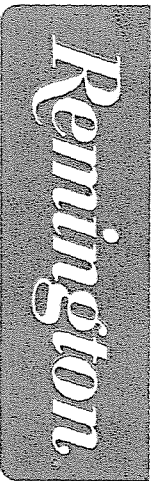
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523362DATE 10-20-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.27	2.34		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.26	2.30		
PULL #3	2.24	2.28	2.45		
PULL #4	2.24	2.25	2.45		
PULL #5	2.22	2.24	2.47		
TOTAL	11.22	11.30	12.01		
AVG.	2.24	2.26	2.40		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.03		
PULL #2	3.03	3.06		
PULL #3	3.05	3.01		
PULL #4	3.06	3.08		
PULL #5	3.08	3.09		
TOTAL	15.29	15.27		
AVG.	3.05	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.01	4.22	4.18	
PULL #2	4.06	4.26	4.15	
PULL #3	4.16	4.12	4.18	
PULL #4	4.00	4.30	4.09	
PULL #5	4.05	4.32	4.09	
TOTAL	20.28 20.28	21.22	20.69	
AVG.	4.05	4.24	4.13	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6573362

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			11/78	WB
	G) Safety Off Force	3 1/2	3	3 1/4			11/78	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.66	2.57	2.59	2.45	2.66	11/78	WB
	C) Function							
660	Pack							

Remington[®]

MODEL 700TM M24

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

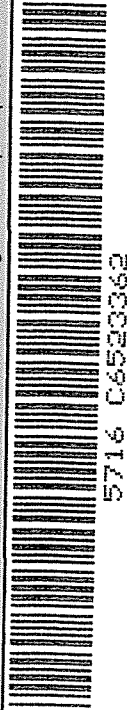
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

SERIAL NO.
C6523362

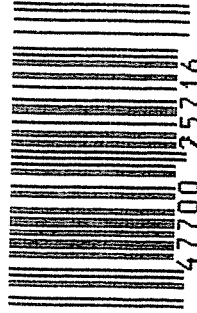
ORDER NO.
5716

Q1



5716 C6523362

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523362

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 24 90	RW
600	Proof		9 24 90	RW
607	Check Headspace		9 24 90	RW
610	Dis-assemble Gun		9 24 90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	JB
617	Drill and Tap Sight Holes		9-25-90	F.B
618	Polish Barrel <i>RB</i>		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TJA
	Apply Coating (Bolt)		10-2-90	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/19/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
25 nt.	F) Safety On Force	4	4	4			10/24/90	WB
	G) Safety Off Force	2	2	2			10/24/90	WB
	H) Trigger Pull Test & Retainability						10/19/90	DM
	I) Firing Pin Indent	.0215	.021	.021			10/24/90	WB
	J) Assemble Stock						10/29/90	Rev
	K) Assemble Swivel Studs						3/20/90	DS
	L) Attach Front and Rear Sight Assemblies						10/29/90	Rev
	M) Iron Sight Alignment						10/29/90	Rev
	N) Detach Front & Rear Sights & place in numbered container						10/29/90	Rev
	O) Attach Scope to Rifle						10/29/90	Rev
	P) Detach & Attach Scope 20 Times						10/29/90	Rev
640	Gallery Target & Test						10/30/90	LT
	A) Time						"	LT
	B) Malfunctions						"	LT
	C) Pierced Primers						"	LT
	D) Optical Clarity of Scope						"	LT
645	Inspect for Live Ammo						10/30/90	LT
655	Final Inspection							
	A) Headspace						3/20/90	DS
	B) Trigger Pull	227	233	233	234	235	3/20/90	DS
	C) Function						3/20/90	DS
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. C6523362DATE 10/19/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.27	2.41	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.18	2.49	2.33	
PULL #3	2.38	2.45	2.50	2.33	
PULL #4	2.29	2.52	2.37	2.39	
PULL #5	2.24	2.46	2.45	2.35	
TOTAL	11.43	11.88	12.22		
AVG.	2.286	2.376	2.444		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.33		
PULL #2	3.33	3.40		
PULL #3	3.38	3.47		
PULL #4	3.36	3.40		
PULL #5	3.46	3.48		
TOTAL	16.98	17.08		
AVG.	3.396	3.416		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.45		4.37
PULL #2	4.17	4.29		4.20
PULL #3	4.25	4.50		4.31
PULL #4	4.49	4.43		4.34
PULL #5	4.47	4.51		4.15
TOTAL	21.83	22.18		21.37
AVG.	4.366	4.436		4.274

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523362
1 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.379812
1 TO	2	.437321
1 TO	3	.683354
1 TO	4	.465639
1 TO	5	.278776

1.2
 983 <----POA

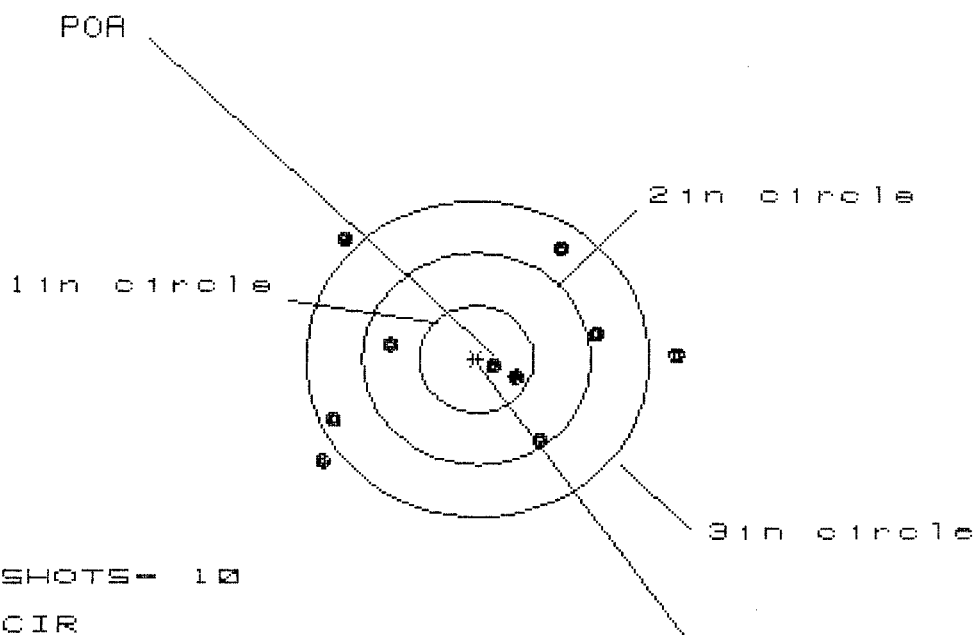
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .027
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0301423
THE AMR FOR THIS RIFLE IS: 1.012

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523362

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in = 7

HS= 3.075

VS= 2.100

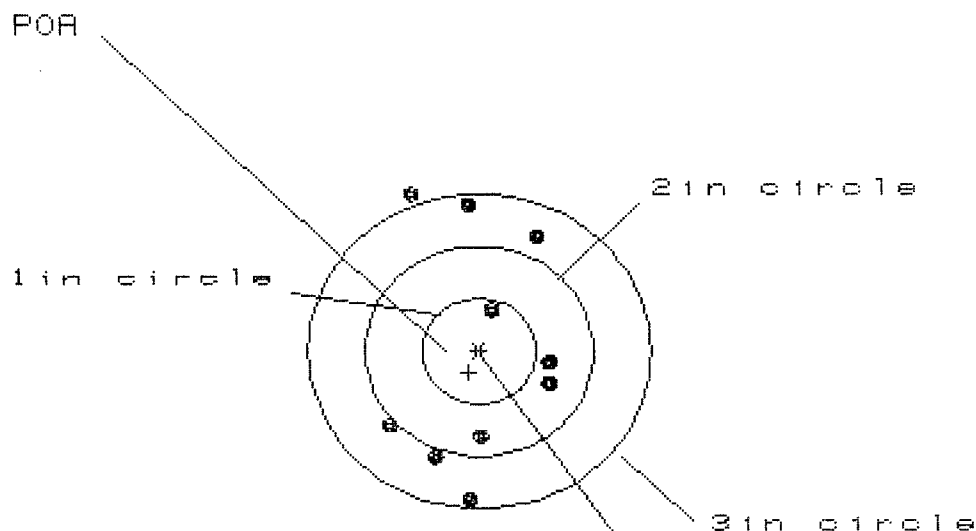
GS= 3.226

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.726	1.204	1.060
MINIMUM X	:	-1.349	-1.158	-1.192
MAXIMUM Y	:	1.139	1.140	1.020
MINIMUM Y	:	-.961	-.960	-.843
CENTROID X	:	-.344	-.535	-.391
CENTROID Y	:	.161	.160	.280
POA TO CENTROID in.	:	.380	.559	.481
MIN RADIUS	:	.208	.390	.314
MEAN RADIUS	:	1.103	1.050	.973
MAX RADIUS	:	1.726	1.514	1.531
HORIZONTAL SPREAD	:	3.075	2.362	2.252
VERTICAL SPREAD	:	2.100	2.100	1.863
EXTREME SPREAD	:	3.226	2.868	2.572
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



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 1.392

VS= 2.961

GS= 3.003

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.641	.579	.565
MINIMUM X	:	-.751	-.813	-.827
MAXIMUM Y	:	1.506	1.562	1.401
MINIMUM Y	:	-1.455	-1.288	-.973
CENTROID X	:	.091	.153	.167
CENTROID Y	:	.206	.039	.199
POA TO CENTROID in.	:	.225	.158	.260
MIN RADIUS	:	.369	.525	.364
MEAN RADIUS	:	1.031	.941	.896
MAX RADIUS	:	1.605	1.570	1.411
HORIZONTAL SPREAD	:	1.392	1.392	1.392
VERTICAL SPREAD	:	2.961	2.850	2.374
EXTREME SPREAD	:	3.003	2.850	2.392
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

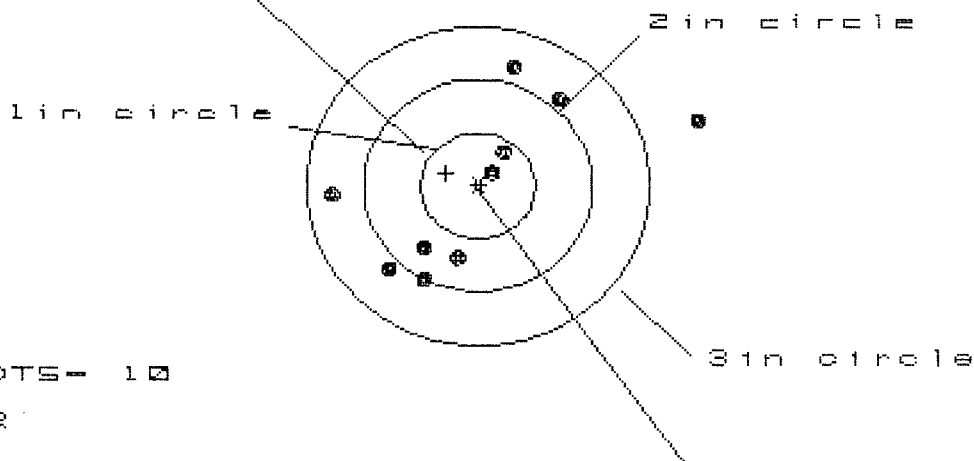
1 Nov 1998

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CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 3.192

VS= 2.055

GS= 3.271

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.898	.954	.819
MINIMUM X	:	-1.294	-1.083	-.713
MAXIMUM Y	:	1.162	1.228	1.221
MINIMUM Y	:	-.893	-.827	-.834
CENTROID X	:	.278	.067	.202
CENTROID Y	:	-.122	-.188	-.181
POA TO CENTROID in.	:	.303	.199	.271
MIN RADIUS	:	.152	.358	.246
MEAN RADIUS	:	.981	.857	.816
MAX RADIUS	:	1.989	1.355	1.297
HORIZONTAL SPREAD	:	3.192	2.037	1.532
VERTICAL SPREAD	:	2.055	2.055	2.055
EXTREME SPREAD	:	3.271	2.254	2.254
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.539

VS = 1.928

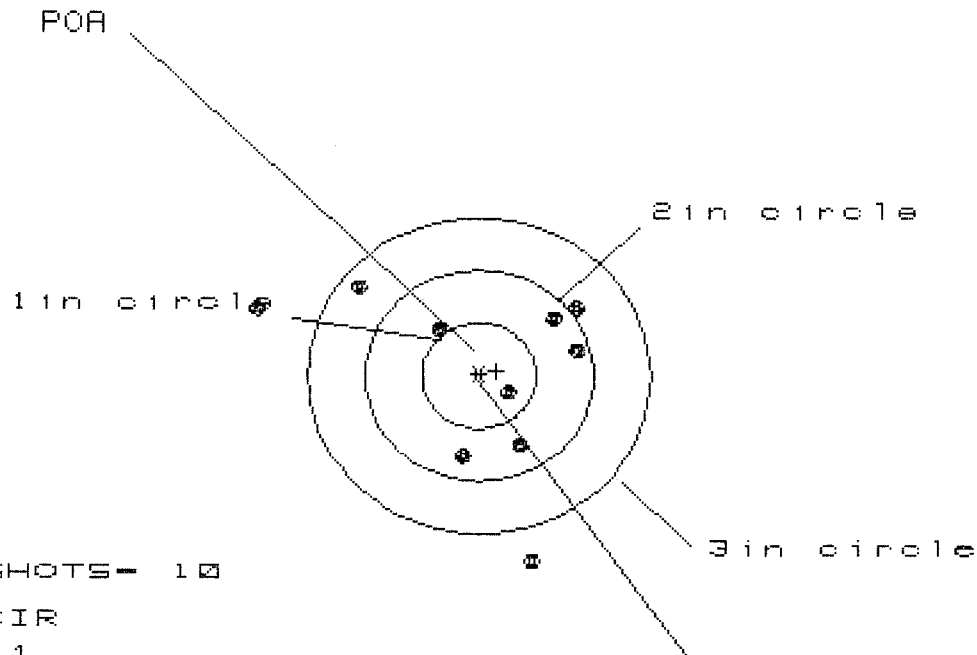
GS = 2.690

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	.714	.577
MINIMUM X	:	-1.239	-1.094	-.772
MAXIMUM Y	:	.989	.892	.842
MINIMUM Y	:	-.939	-1.036	-1.086
CENTROID X	:	.062	-.083	.054
CENTROID Y	:	-.067	.030	.080
POA TO CENTROID in.	:	.091	.088	.096
MIN RADIUS	:	.098	.272	.224
MEAN RADIUS	:	.907	.822	.773
MAX RADIUS	:	1.567	1.206	1.182
HORIZONTAL SPREAD	:	2.539	1.808	1.349
VERTICAL SPREAD	:	1.928	1.928	1.928
EXTREME SPREAD	:	2.690	2.172	2.172
NUMBER IN ONE INCH CIRCLE	=		2	
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 - 1

2in - 6

3in = 8

HS= 2.868

VS= 2.565

GS= 3.347

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.894	.674	.702
MINIMUM X	:	-1.974	-1.232	-1.204
MAXIMUM Y	:	.846	.912	.705
MINIMUM Y	:	-1.719	-1.653	-.893
CENTROID X	:	-.154	.066	.038
CENTROID Y	:	-.043	-.109	.098
POA TO CENTROID in.	:	.160	.127	.105
MIN RADIUS	:	.269	.073	.282
MEAN RADIUS	:	1.039	.879	.795
MAX RADIUS	:	2.062	1.668	1.395
HORIZONTAL SPREAD	:	2.868	1.906	1.906
VERTICAL SPREAD	:	2.565	2.565	1.598
EXTREME SPREAD	:	3.347	2.949	2.053
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		