

06587539

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ M24

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

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

SERIAL NO.

06587539

ORDER NO.

5716

20

LPC

0 47700 25716 2

5716 06587539

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400022349

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587539

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	ZL
617	Drill and Tap Sight Holes		10/25/90	LB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-9-91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3.75	3.75	3.75			1/8/91	KJ
	G) Safety Off Force	3.0	3.0	3.0			1/8/91	KJ
	H) Trigger Pull Test & Retainability						1-9-91	JH
	I) Firing Pin Indent	.020	.020	.020			1/8/91	KJ
	J) Assemble Stock						1/18/91	RW
	K) Assemble Swivel Studs						2-1-91	AC
	L) Attach Front and Rear Sight Assemblies						1/18/91	RW
	M) Iron Sight Alignment						1/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/18/91	RW
	O) Attach Scope to Rifle						1/18/91	RW
	P) Detach & Attach Scope 20 Times						1/18/91	RW
640	Gallery Target & Test						1-20-91	AC
	A) Time						1-20-91	AC
	B) Malfunctions						1-20-91	AC
	C) Pierced Primers						1-20-91	AC
	D) Optical Clarity of Scope						1-20-91	AC
645	Inspect for Live Ammo						1-20-91	AC
655	Final Inspection							
	A) Headspace						2-1-91	AC
	B) Trigger Pull	2.50	2.49	2.50	2.48	2.48	1-22-91	JH
	C) Function						2-1-91	AC
660	Pack						3-19-91	W

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6587539

DATE 1-9-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.39	2.43	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.28	2.40	2.49	
PULL #3	2.34	2.50	2.42	2.51	
PULL #4	2.44	2.44	2.43	2.48	
PULL #5	2.46	2.42	2.38	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.30		
PULL #2	3.29	3.30		
PULL #3	3.30	3.20		
PULL #4	3.21	3.32		
PULL #5	3.32	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.46		4.49
PULL #2	4.44	4.50		4.30
PULL #3	4.47	4.41		4.24
PULL #4	4.43	4.36		4.21
PULL #5	4.23	4.39		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587539
21 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.391736
1 TO	2	.40102
1 TO	3	.294416
1 TO	4	.309782
1 TO	5	.302478

5
0) <----POA

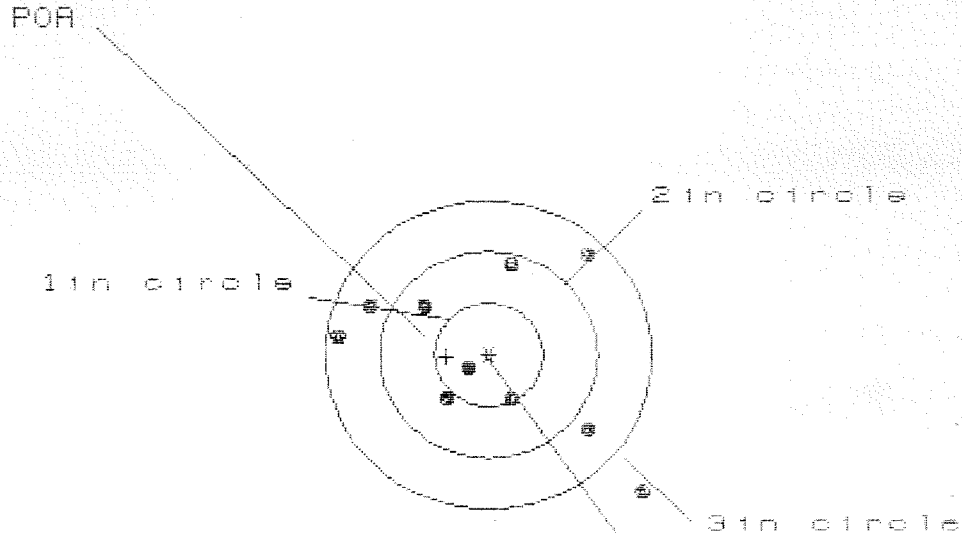
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1964
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0626
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206135

THE AMR FOR THIS RIFLE IS: .9698

21 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587539

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.780

VS= 2.329

GS= 3.149

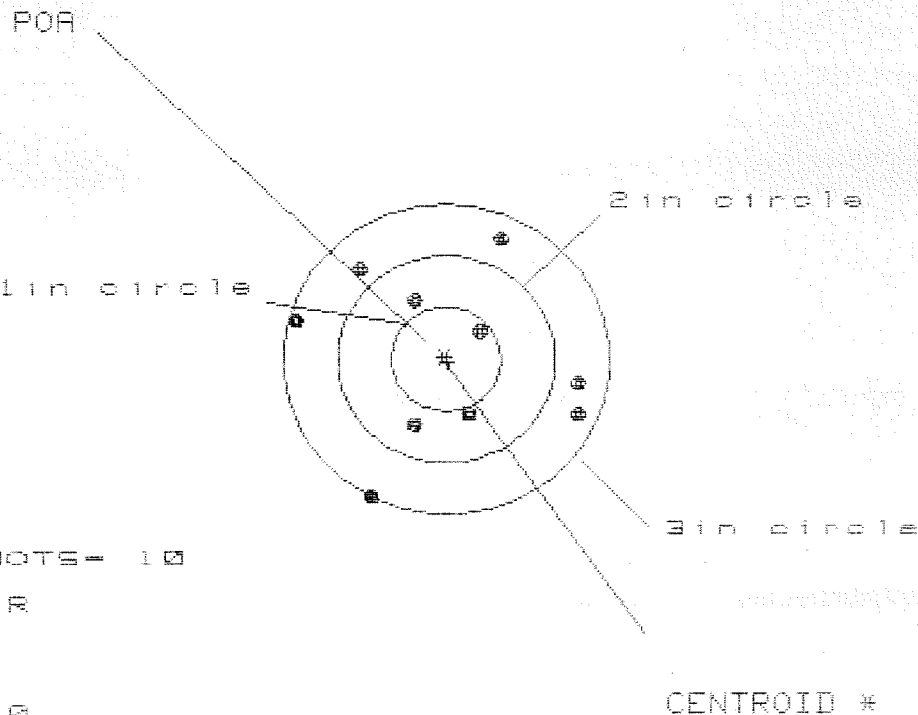
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.369	1.053	.895
MINIMUM X	:	-1.411	-1.258	-1.123
MAXIMUM Y	:	.976	.826	.823
MINIMUM Y	:	-1.353	-.855	-.858
CENTROID X	:	.391	.238	.396
CENTROID Y	:	.024	.174	.177
POA TO CENTROID in.	:	.391	.295	.434
MIN RADIUS	:	.236	.277	.345
MEAN RADIUS	:	.995	.879	.836
MAX RADIUS	:	1.925	1.356	1.240
HORIZONTAL SPREAD	:	2.780	2.311	2.018
VERTICAL SPREAD	:	2.329	1.681	1.681
EXTREME SPREAD	:	3.149	2.460	2.359
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587533

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.607

VS= 2.462

GS= 2.774

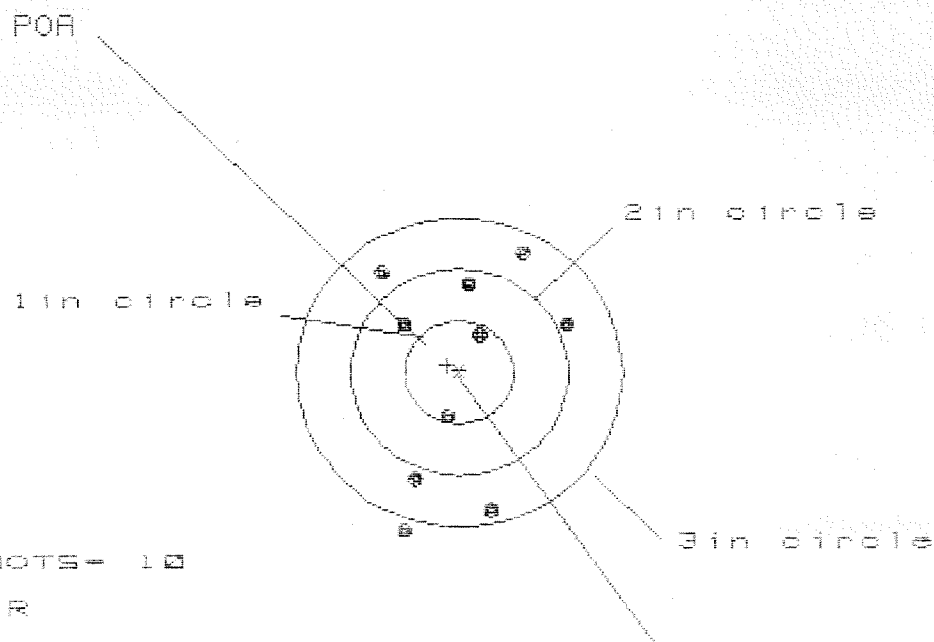
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	1.142	.959
MINIMUM X	:	-1.390	-1.465	-1.013
MAXIMUM Y	:	1.156	1.011	1.043
MINIMUM Y	:	-1.306	-.753	-.721
CENTROID X	:	-.010	.065	.249
CENTROID Y	:	.028	.173	.141
POA TO CENTROID in.	:	.030	.185	.286
MIN RADIUS	:	.411	.280	.143
MEAN RADIUS	:	1.010	.944	.855
MAX RADIUS	:	1.471	1.488	1.240
HORIZONTAL SPREAD	:	2.607	2.607	1.971
VERTICAL SPREAD	:	2.462	1.764	1.764
EXTREME SPREAD	:	2.774	2.774	2.402
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587539

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 1.719

VS= 2.688

GS= 2.912

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.019	.960	.993
MINIMUM X	-.700	-.759	-.726
MAXIMUM Y	1.203	1.038	.847
MINIMUM Y	-1.485	-1.529	-1.340
CENTROID X	.111	.170	.137
CENTROID Y	-.067	.098	.289
POA TO CENTROID in.	.129	.196	.320
MIN RADIUS	.380	.206	.140
MEAN RADIUS	1.001	.906	.787
MAX RADIUS	1.578	1.552	1.421
HORIZONTAL SPREAD	1.719	1.719	1.719
VERTICAL SPREAD	2.688	2.567	2.187
EXTREME SPREAD	2.912	2.580	2.419
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

21 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587539

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.077

VS= 1.491

GS= 2.220

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.065	1.178	1.066
MINIMUM X	-1.012	-.899	-.622
MAXIMUM Y	.693	.701	.783
MINIMUM Y	-.798	-.721	-.634
CENTROID X	.082	-.031	.082
CENTROID Y	.002	-.075	-.162
POA TO CENTROID in.	.082	.081	.182
MIN RADIUS	.402	.308	.446
MEAN RADIUS	.837	.774	.732
MAX RADIUS	1.232	1.181	1.066
HORIZONTAL SPREAD	2.077	2.077	1.687
VERTICAL SPREAD	1.491	1.422	1.417
EXTREME SPREAD	2.220	2.220	1.724
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

21 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6597539

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.659

VS= 2.233

GS= 2.705

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.445	1.546	.636
MINIMUM X	:	-1.214	-1.113	-.920
MAXIMUM Y	:	1.292	1.289	1.299
MINIMUM Y	:	-.941	-.797	-.787
CENTROID X	:	.408	.307	.114
CENTROID Y	:	.326	.182	.172
POA TO CENTROID in.	:	.522	.357	.206
MIN RADIUS	:	.356	.445	.316
MEAN RADIUS	:	1.006	.911	.808
MAX RADIUS	:	1.578	1.548	1.363
HORIZONTAL SPREAD	:	2.659	2.659	1.556
VERTICAL SPREAD	:	2.233	2.086	2.086
EXTREME SPREAD	:	2.705	2.705	2.169
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-21856INITIAL
JOM CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

Scope # 90-0470

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
10/03/96	10/03/96	EK 10-90	C6587539		700 7.62 NATO
ACCESSORIES		W/STUDS	W/SWIVELS	SCOPE BASE	

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

AL 36201

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTONAL
36201

CUST NO: 150939 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM DATE	ESTIMATED	VIA
				UPS

WRITE ☐

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Trigger Assy - 96024
✓ Firing Pin Assy - 96002
✓ Front Sight Assy - 96118
✓ Rear Sight - 96119

Scope Sent Back To Factory
For Inspect.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
Rw		✓	AC		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
AP		6/6/97	6/9/97		

OFFICE COPY

RD6925 REV. 6/86

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400022359

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587539

DATE 4-14-97

TESTER EK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.68	2.61		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.67	2.69		
PULL #3	2.42	2.66	2.66		
PULL #4	2.60	2.67	2.49		
PULL #5	2.54	2.36	2.41		
TOTAL	12.67	13.09	12.86		
AVG.	2.53	2.61	2.57		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	2.80		
PULL #2	3.11	3.13		
PULL #3	3.12	2.86		
PULL #4	3.00	3.10		
PULL #5	3.15	3.11		
TOTAL	15.49	15.00		
AVG.	3.10	3.00		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.03	4.14	
PULL #2	4.06	4.10	4.12	
PULL #3	4.07	3.99	4.05	
PULL #4	4.07	4.16	4.14	
PULL #5	4.09	4.12	4.04	
TOTAL	20.54	20.4	20.49	
AVG.	4.11	4.08	4.10	

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6587539*

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
605	CHECK HEADSPACE
610	DIS-ASSEMBLE
612	MAGNAFLUX
615	ROLLMARK CALIBER
618	ROTO-BLAST
620	APPLY COATINGS
625 A	FINAL ASSEMBLY
B	TRIGGER PULL TEST
C	SAFETY ON FORCE
D	SAFETY OFF FORCE
E	FIRING PIN INDENT
640	TARGET
655	FINAL INSPECT
660	PACK

QAR INSPECTION

SHIP DATE

<i>2.90</i>	<i>2.88</i>	<i>2.83</i>	<i>2.82</i>	<i>2.84</i>
<i>4</i>	<i>4</i>	<i>4</i>		
<i>2.5</i>	<i>2.5</i>	<i>2.5</i>		
<i>.0205</i>	<i>.021</i>	<i>.021</i>		

6/18/92 RW

Final Inspection

Sn: C6587539

DATE REC'D: 10/3/96

DATE RET'D:

Auditor: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☒ SCOPE CASE☒ IRON SIGHTS☒ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: