

C6611389

MODEL 700™ M24

Model **SMS**™

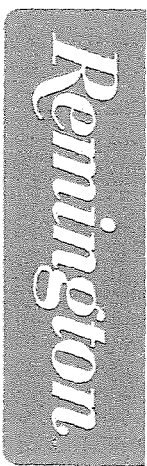
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



REPAIR ORDER REPORT

COMMENTS

ORDER

R 94-18362

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

90-
Score 0767

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6611389 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D L

ACCOUNT NUMBER ACCOUNT NUMBER N/C PROM. DATE ESTIMATED VIA FRT

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 \$173.31
x Firing pin Assy 9.90
Scope Rep 119.43
Clean/Insp/Prep 30.00
~~353.10~~
353.10

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 06768976046

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611389

DATE 11/15/94

TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.79	2.34		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.52	2.34		
PULL #3	2.27	2.43	2.33		
PULL #4	2.32	2.33	2.32		
PULL #5	2.39	2.36	2.36		
TOTAL	11.65	12.43	11.69		
AVG.	2.33	2.48	2.33		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.82	2.83		
PULL #2	2.86	2.93		
PULL #3	2.91	2.94		
PULL #4	2.89	2.86		
PULL #5	3.03	2.88		
TOTAL	14.51	14.44		
AVG.	2.90	2.88		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	3.85		3.84
PULL #2	3.92	3.82		3.88
PULL #3	3.89	3.85		3.89
PULL #4	3.92	3.87		3.84
PULL #5	3.85	3.91		3.89
TOTAL	19.66	19.30		19.34
AVG.	3.93	3.86		3.86

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C661389

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. #	BARBER - M24 0076010 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	7	6 1/2	11/22	WB		
	G) Safety Off Force	3 1/2	3 1/4	3 1/2	11/22	WB		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.026	.0245	.024	11/21/95	RW		
	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	2.90	2.78	2.74	2.75	2.78	11/23/95	RW
	C) Function							
660	Pack							

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

MODEL 700™ M24

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

DU PONT

SERIAL NO.
C6611389

ORDER NO.
5716

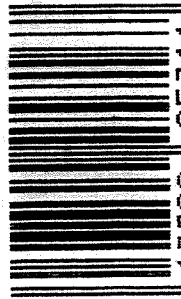
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611389

UPC



0 47700 25716 7

CFM

GUN SERIAL #

C6611389

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1 25 91	RW
600	Proof		1 25 91	RW
607	Check Headspace		1 25 91	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action			KR
	Magnaflux Bolt		1 25 91	KR
615	Rollmark Caliber		1 25 91	GL
617	Drill and Tap Sight Holes		1 30 91	LB
618	Polish Barrel <i>RBB</i>		1 30 91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TJ
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/19/91	YH

op. #	BARBER - M24 0076013	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/4			2/20/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/20/91	WLB
	H) Trigger Pull Test & Retainability						2/19/91	JH
	I) Firing Pin Indent	.022	.0215	.0215			2/20/91	WLB
	J) Assemble Stock						3/1/91	RW
	K) Assemble Swivel Studs						3/2/91	WLB
	L) Attach Front and Rear Sight Assemblies						3/1/91	RW
	M) Iron Sight Alignment						3/1/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/1/91	RW
	O) Attach Scope to Rifle						3/1/91	RW
	P) Detach & Attach Scope 20 Times						3/1/91	RW
640	Gallery Target & Test						3-1-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						3-1-91	NF
655	Final Inspection						3/2/91	WLB
	A) Headspace							
	B) Trigger Pull	2.28	2.60	2.50	2.54	2.52	3/2/91	JH
	C) Function						3/2/91	WLB
660	Pack						3-15-91	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611389DATE 2/19/91TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.47	2.30	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.42	2.35	2.50	
PULL #3	2.39	2.30	2.42	2.50	
PULL #4	2.33	2.54	2.31	2.54	
PULL #5	2.45	2.50	2.33	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.37		
PULL #2	3.16	3.40		
PULL #3	3.32	3.36		
PULL #4	3.20	3.50		
PULL #5	3.22	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.31		4.24
PULL #2	4.35	4.38		4.46
PULL #3	4.55	4.35		4.24
PULL #4	4.53	4.28		4.49
PULL #5	4.34	4.23		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611389
1 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.282237
1 TO	2	.625051
1 TO	3	.235342
1 TO	4	.13909
1 TO	5	.281519

4
2

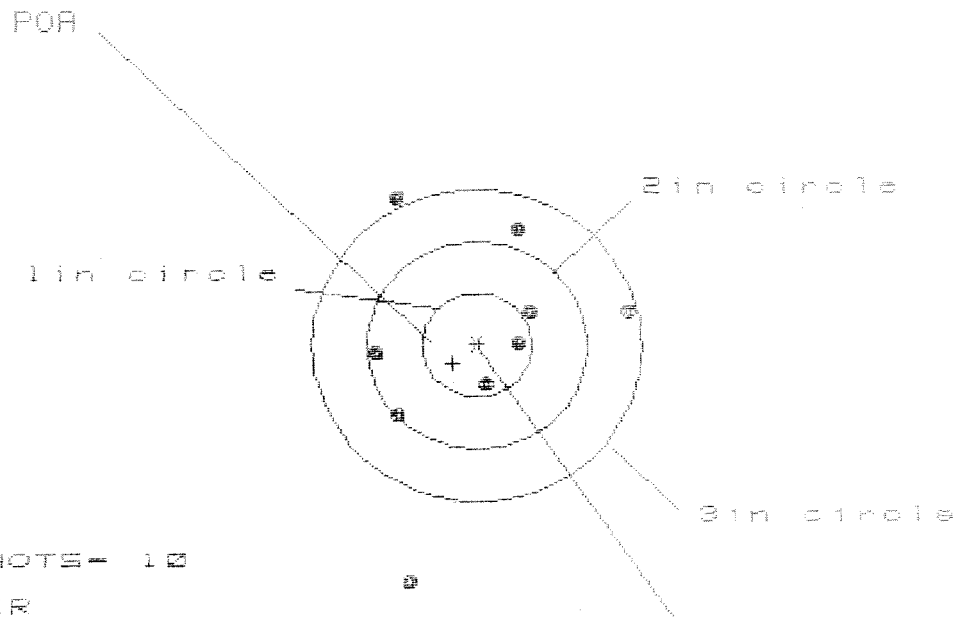
-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0558
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163986
THE AMR FOR THIS RIFLE IS: 1.013

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11389

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 2.328

VS = 3.717

GS = 3.719

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.386	1.316	1.214
MINIMUM X	-0.942	-1.012	-1.114
MAXIMUM Y	1.464	1.213	1.008
MINIMUM Y	-2.253	-0.913	-0.761
CENTROID X	.223	.293	.395
CENTROID Y	.173	.424	.272
POA TO CENTROID in.	.282	.515	.480
MIN RADIUS	.335	.316	.159
MEAN RADIUS	1.013	.848	.719
MAX RADIUS	2.341	1.462	1.233
HORIZONTAL SPREAD	2.328	2.328	2.328
VERTICAL SPREAD	3.717	2.126	1.769
EXTREME SPREAD	3.719	2.420	2.367
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11369

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 3

3 in = 8

HS= 3.312

VS= 4.727

GS= 5.002

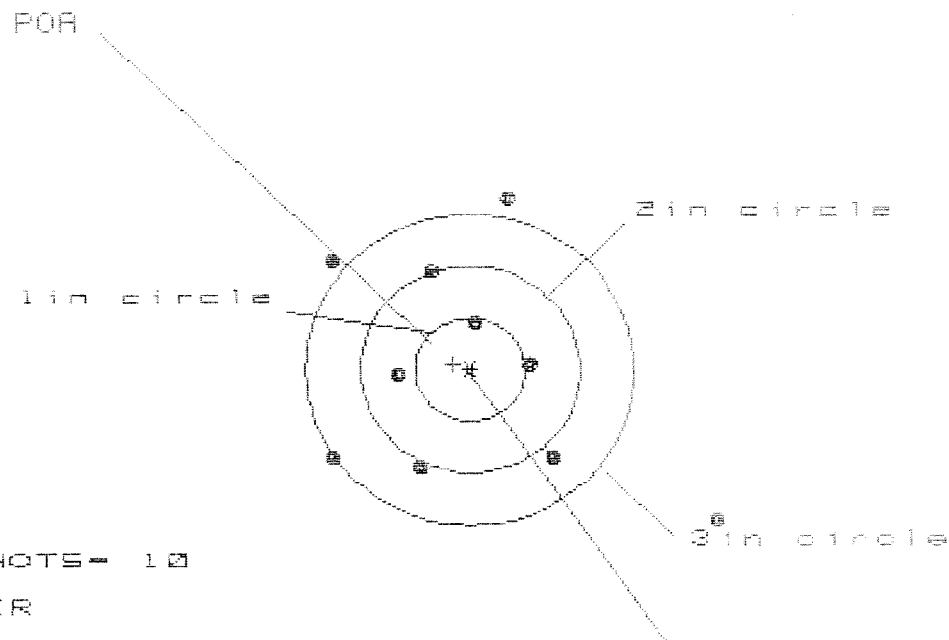
CENTROID

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.787	1.675	1.589
MINIMUM X	:	-1.524	-1.326	-1.307
MAXIMUM Y	:	1.454	1.090	1.061
MINIMUM Y	:	-3.273	-1.504	-1.533
CENTROID X	:	.231	.032	.198
CENTROID Y	:	-.452	-.088	-.059
POA TO CENTROID in.	:	.507	.094	.206
MIN RADIUS	:	.229	.231	.236
MEAN RADIUS	:	1.283	.960	.889
MAX RADIUS	:	3.729	1.739	1.589
HORIZONTAL SPREAD	:	3.312	3.001	2.816
VERTICAL SPREAD	:	4.727	1.594	1.594
EXTREME SPREAD	:	5.002	3.010	2.816
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611389

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 3.477

VS= 3.060

GS= 4.253

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.235	1.003	1.074
MINIMUM X	-1.242	-0.994	-0.923
MAXIMUM Y	1.617	1.457	1.029
MINIMUM Y	-1.443	-1.109	-0.927
CENTROID X	.154	-0.094	-0.165
CENTROID Y	-0.052	.100	-0.074
POA TO CENTROID in.	.163	.143	.101
MIN RADIUS	.471	.441	.355
MEAN RADIUS	1.232	1.041	.970
MAX RADIUS	2.660	1.564	1.383
HORIZONTAL SPREAD	3.477	1.997	1.997
VERTICAL SPREAD	3.060	2.566	1.956
EXTREME SPREAD	4.253	2.936	2.699
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86113B3

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 2.082

VS = 1.724

GS = 2.282

CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.364
MINIMUM X	-.718
MAXIMUM Y	.582
MINIMUM Y	-1.142
CENTROID X	.098
CENTROID Y	.112
POA TO CENTROID in.	.148
MIN RADIUS	.194
MEAN RADIUS	.637
MAX RADIUS	1.427
HORIZONTAL SPREAD	2.082
VERTICAL SPREAD	1.724
EXTREME SPREAD	2.282
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	10

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611389

CENTERFIRE PATTERNS # 5

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 2.478

VS = 1.695

GS = 2.586

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.271	1.137	1.252
MINIMUM X	-1.207	-1.059	-.944
MAXIMUM Y	.879	.808	.697
MINIMUM Y	-.816	-.897	-.544
CENTROID X	.065	.199	.084
CENTROID Y	-.060	.011	.122
POB TO CENTROID in.	.088	.200	.148
MIN RADIUS	.223	.293	.137
MEAN RADIUS	.899	.856	.774
MAX RADIUS	1.364	1.280	1.254
HORIZONTAL SPREAD	2.478	2.196	2.196
VERTICAL SPREAD	1.695	1.695	1.241
EXTREME SPREAD	2.586	2.266	2.221
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	10	