

C6611663

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



0034006
ESTIMATING REPORT

COMMENTS

ORDER
R 94-18720

NO.

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN

Scope 90-0701

92-C-0834

ENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

5/94

C6611663

700 7.62

NATO

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

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.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

173.71

Scope Rep

119.43

Clean/Inspect/Prep

50.00

343.14

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

10/30

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 003400634045

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611663

DATE 10-30-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.40	2.55		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.76	2.48		
PULL #3	2.61	2.80	2.53		
PULL #4	2.66	2.86	2.53		
PULL #5	2.67	2.80	2.40		
TOTAL	13.11	13.62	12.49		
AVG.	2.62	2.72	2.49		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.02		
PULL #2	3.09	2.98		
PULL #3	3.07	2.92		
PULL #4	3.09	3.02		
PULL #5	3.16	2.95		
TOTAL	15.64	14.89		
AVG.	3.12	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.07	4.00	
PULL #2	4.20	4.10	4.12	
PULL #3	4.28	4.17	4.02	
PULL #4	4.22	4.16	4.10	
PULL #5	4.29	4.03	4.04	
TOTAL	21.21	20.53	20.28	
AVG.	4.24	4.10	4.05	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611663

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			

BARBER - M24 0034009

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/4	5 1/4			11/28	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/28	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	2.74	2.69	2.60	2.72	2.60	11/28	WB
	C) Function							
660	Pack							

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

Remington[®]

MODEL 700™ M24

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

SERIAL NO.
C6611663

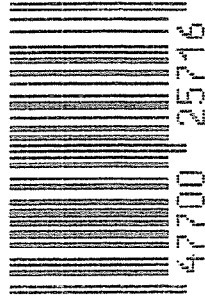
ORDER NO.
5716

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

20

5716 C6611663

UPC



0 4700 25716 2

. Check
Safety

3-22-91 ~~ICS~~
REPAIRED!!
NEW SAFETY
DETENT SPRING

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6611663**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18 91		K.R
	Magnaflux Bolt	1 18 91		K.R
615	Rollmark Caliber	1 18 91		GS
617	Drill and Tap Sight Holes	1 24 91		FB
618	Polish Barrel	1 24 91		WB
620	Apply Coatings (Barrel Action)		2-15-91	FA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3-6-91	KA

op. #	BARBER - M24 0034013 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	5			3-6-91	JK
	G) Safety Off Force	2	2	2			3-6-91	JK
	H) Trigger Pull Test & Retainability						3-6-91	JK
	I) Firing Pin Indent	10225	1022	1022			3-6-91	JK
	J) Assemble Stock						3/6/91	JK
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/6/91	JK
	M) Iron Sight Alignment						3/6/91	JK
	N) Detach Front & Rear Sights & place in numbered container						3/6/91	JK
	O) Attach Scope to Rifle						3/6/91	JK
	P) Detach & Attach Scope 20 Times						3/6/91	JK
640	Gallery Target & Test						3-17-91	JK
	A) Time						11	JK
	B) Malfunctions						11	JK
	C) Pierced Primers						11	JK
	D) Optical Clarity of Scope						11	JK
645	Inspect for Live Ammo						3-17-91	JK
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.39	2.29	2.35	2.29	2.31	3/11/91	JK
	C) Function						3-11-91	D/H
660	Pack						6-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6611663

DATE 3-6-91

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.21	2.39	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.50	2.41	2.29	
PULL #3	2.55	2.45	2.48	2.35	
PULL #4	2.54	2.46	2.40	2.29	
PULL #5	2.48	2.44	2.40	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.30		
PULL #2	3.29	3.25		
PULL #3	3.26	3.29		
PULL #4	3.26	3.30		
PULL #5	3.28	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.27		4.22
PULL #2	4.26	4.33		4.24
PULL #3	4.18	4.33		4.39
PULL #4	4.29	4.35		4.42
PULL #5	4.28	4.36		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611663
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.314102
1 TO	2	.402484
1 TO	3	.228825
1 TO	4	.198157
1 TO	5	.247843

4 ←---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0142
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .123
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123817
THE AMR FOR THIS RIFLE IS: 1.011

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS611663

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.436

VS= 3.064

GS= 3.132

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.351	1.285	1.371
MINIMUM X	-1.085	-.935	-.849
MAXIMUM Y	1.559	1.452	1.262
MINIMUM Y	-1.585	-1.612	-1.431
CENTROID X	.008	-.142	-.228
CENTROID Y	.314	.421	.240
POA TO CENTROID in.	.314	.444	.331
MIN RADIUS	.341	.187	.373
MEAN RADIUS	1.121	1.036	.948
MAX RADIUS	1.660	1.613	1.437
HORIZONTAL SPREAD	2.436	2.220	2.220
VERTICAL SPREAD	3.064	3.064	2.693
EXTREME SPREAD	3.132	3.132	2.755
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 7		

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611663

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

CENTROID *

HS= 2.726

VS= 3.137

GS= 3.233

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.197	.927
MINIMUM X	:	-1.562	-1.529	-1.380
MAXIMUM Y	:	1.853	1.432	1.323
MINIMUM Y	:	-1.284	-1.078	-1.187
CENTROID X	:	.115	.082	-.067
CENTROID Y	:	-.074	-.280	-.171
POA TO CENTROID in.	:	.137	.292	.184
MIN RADIUS	:	.237	.422	.440
MEAN RADIUS	:	1.125	1.041	.995
MAX RADIUS	:	1.876	1.529	1.384
HORIZONTAL SPREAD	:	2.726	2.726	2.307
VERTICAL SPREAD	:	3.137	2.510	2.510
EXTREME SPREAD	:	3.233	2.862	2.579
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811663

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 3.732

VS = 3.092

GS = 3.950

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	2.468
MINIMUM X	-1.264
MAXIMUM Y	1.494
MINIMUM Y	-1.598
CENTROID X	.148
CENTROID Y	.133
POA TO CENTROID in.	.199
MIN RADIUS	.291
MEAN RADIUS	1.204
MAX RADIUS	2.612
HORIZONTAL SPREAD	3.732
VERTICAL SPREAD	3.092
EXTREME SPREAD	3.950
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B116B3

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.454

VS= 1.966

GS= 2.936

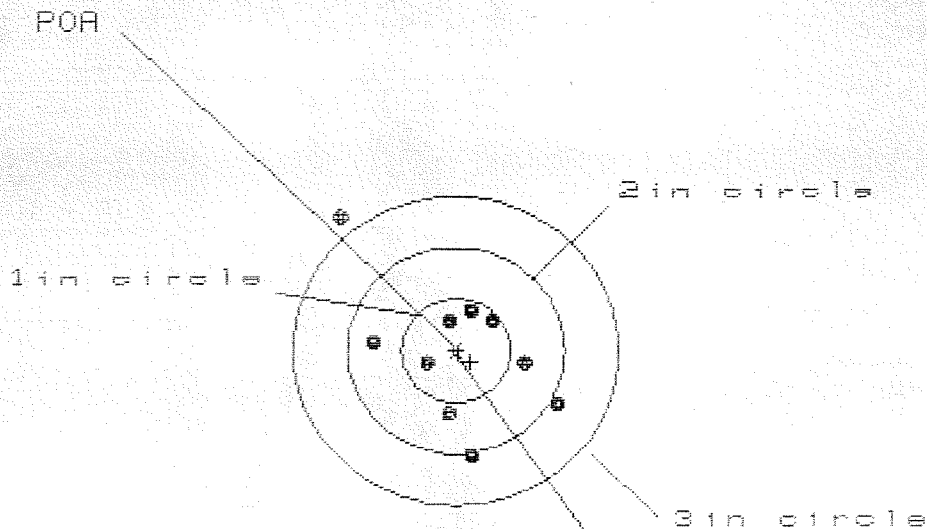
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.329	1.164	1.042
MINIMUM X	:	-1.125	-.978	-.685
MAXIMUM Y	:	1.172	.712	.673
MINIMUM Y	:	-.794	-.664	-.703
CENTROID X	:	-.063	-.210	-.088
CENTROID Y	:	.129	-.001	.037
POA TO CENTROID in.	:	.143	.210	.096
MIN RADIUS	:	.412	.317	.432
MEAN RADIUS	:	.885	.767	.733
MAX RADIUS	:	1.772	1.185	1.073
HORIZONTAL SPREAD	:	2.454	2.142	1.727
VERTICAL SPREAD	:	1.966	1.376	1.376
EXTREME SPREAD	:	2.936	2.144	1.867
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611663

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.977

VS= 2.317

GS= 2.638

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.825	.825
MINIMUM X	:	-1.037	-.891	-.891
MAXIMUM Y	:	1.259	.518	.403
MINIMUM Y	:	-1.053	-.918	-.577
CENTROID X	:	-.137	-.022	-.022
CENTROID Y	:	.113	-.027	.088
POA TO CENTROID in.	:	.177	.035	.090
MIN RADIUS	:	.265	.379	.364
MEAN RADIUS	:	.721	.621	.562
MAX RADIUS	:	1.631	.918	.940
HORIZONTAL SPREAD	:	1.977	1.716	1.716
VERTICAL SPREAD	:	2.317	1.436	.980
EXTREME SPREAD	:	2.638	1.798	1.798
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	