

C6611527

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0078276

COMMENTS

ORDER
R 94-18407

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT			
FDC	DAAA09-92-C-0834		ATTN: FRED MARTIN			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/11/94	06/11/94		C6611527		700 7.62 NATO	
ACCESSORIES			SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE

90-0680

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	WRITE ☐	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	173.71
Scope Rep	119.43
Clean/Insp/Prep	50.00
	342.91
	343.14
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0078276 78315

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

SERIAL NO. C6611527
DATE 10-26-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.59	2.42		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.73	2.31		
PULL #3	2.39	2.80	2.36		
PULL #4	2.41	2.69	2.24		
PULL #5	2.39	2.69	2.30		
TOTAL	12.16	13.50	11.63		
AVG.	2.43	2.70	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.00		
PULL #2	3.01	2.90		
PULL #3	3.05	3.03		
PULL #4	3.04	2.98		
PULL #5	3.00	2.80		
TOTAL	15.21	14.71		
AVG.	3.04	2.94		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.00	4.00	
PULL #2	4.05	4.08	4.06	
PULL #3	4.08	4.03	4.08	
PULL #4	4.12	4.00	4.10	
PULL #5	4.08	4.12	4.11	
TOTAL	20.37	20.23	20.35	
AVG.	4.07	4.04	4.07	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611527

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 3/4	5 1/2	5 1/2			11/28	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			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	2.18	2.30	2.33	2.27	2.35	11/28	WB
	C) Function							
660	Pack							



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

MODEL 700™ M24

SERIAL NO.
C6611527

ORDER NO.
5716

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

46



5716 C6611527

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611527

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 11	91	Ked
	Magnaflux Bolt	2 11	91	Ked
615	Rollmark Caliber	2 13	91	GB
617	Drill and Tap Sight Holes	2 13	91	FB
618	Polish Barrel RBB	2 13	91	WB
620	Apply Coatings (Barrel Action)	2 13	91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/25/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/25/91	WB
	C) Inspect Ejector Hole for Chamfer		3/25/91	WB
	D) Oil Firing Pin Ass'y		3/25/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/9/91	WB

op. #	BARBER - M24 0078282 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 $\frac{1}{4}$	4 $\frac{3}{4}$			4-10-91	DH
	G) Safety Off Force	3	3	3			4-10-91	DH
	H) Trigger Pull Test & Retainability						4/9/91	DL
	I) Firing Pin Indent	.022	.023	.022			4-10-91	DH
	J) Assemble Stock						4/11/91	RW
	K) Assemble Swivel Studs						4-17-91	K
	L) Attach Front and Rear Sight Assemblies						4/11/91	RW
	M) Iron Sight Alignment						4/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/11/91	RW
	O) Attach Scope to Rifle						4/11/91	RW
	P) Detach & Attach Scope 20 Times						4/11/91	RW
640	Gallery Target & Test						4-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						4-11-91	AF
655	Final Inspection							
	A) Headspace						4-17-91	K
	B) Trigger Pull	2.21	2.12	2.16	2.17	2.19	4/16/91	DL
	C) Function						4-19-91	K
660	Pack						6-19-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

 2.50# + .50#
3.00# + .75#
4.00# + 1.00#

 SERIAL NO. C6611527

 DATE 4/9/91

 TESTER JCL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.30	2.43	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.22	2.40	2.12	
PULL #3	2.25	2.38	2.42	2.16	
PULL #4	2.30	2.15	2.28	2.17	
PULL #5	2.23	2.45	2.28	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.50		
PULL #2	3.56	3.36		
PULL #3	3.44	3.50		
PULL #4	3.53	3.43		
PULL #5	3.56	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.43		4.46
PULL #2	4.12	4.48		4.35
PULL #3	4.18	4.38		4.39
PULL #4	4.20	4.31		4.31
PULL #5	4.19	4.45		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611527
11 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.308002
1 TO	2	.382426
1 TO	3	.428422
1 TO	4	.389032
1 TO	5	.390082

241 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0312
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0212
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0377211
THE RMP FOR THIS RIFLE IS: .0236

(1) Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611527

CENTERFIRE PATTERNS # 1

FOR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 1.747

VS= 2.481

GS= 2.899

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

FOR TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE

NUMBER IN TWO

NUMBER IN THREE

10

9

8

.916

.851

.747

-.831

-.896

-.789

1.028

.866

.744

-1.453

-1.299

-1.191

-.801

.064

-.043

-.308

-.146

-.255

.308

.159

.258

.539

.614

.576

.962

.883

.832

1.566

1.386

1.191

1.747

1.747

1.536

2.481

2.165

1.934

2.899

2.381

2.085

=

0

=

6

=

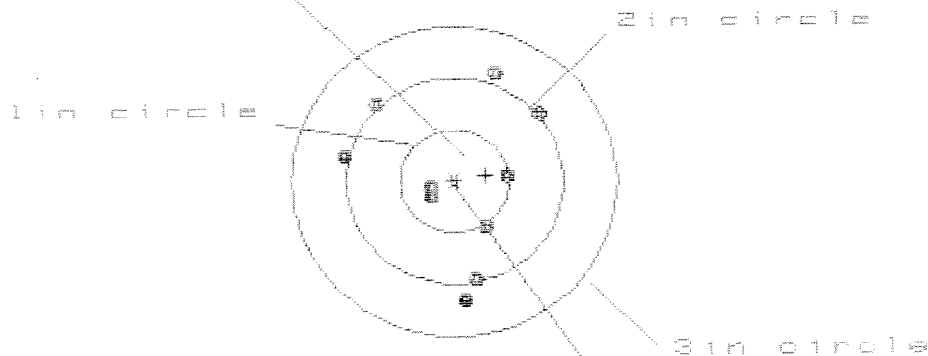
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1: Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611527

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 10

HS= 1.827

VS= 2.192

GS= 2.212

CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.776	.784	.832
MINIMUM X	-1.051	-1.043	-.995
MAXIMUM Y	1.048	.921	.703
MINIMUM Y	-1.144	-1.031	-.916
CENTROID X	-.286	-.294	-.342
CENTROID Y	-.053	.074	-.041
FOR TO CENTROID in.	.291	.303	.345
MIN RADIUS	.185	.259	.143
MEAN RADIUS	.773	.744	.681
MAX RADIUS	1.147	1.054	1.051
HORIZONTAL SPREAD	1.827	1.827	1.827
VERTICAL SPREAD	2.192	1.952	1.619
EXTREME SPREAD	2.212	1.962	1.864
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611527

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 10

3 in = 10

ME = 1.239

VS = 1.467

CS = 1.776

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.776

.509

.485

MINIMUM X

:

-.463

-.377

-.401

MAXIMUM Y

:

.584

.644

.541

MINIMUM Y

:

-.883

-.823

-.822

CENTROID X

:

-.020

-.106

-.082

CENTROID Y

:

.120

.060

.163

POA TO CENTROID in.

:

.122

.122

.182

MIN RADIUS

:

.187

.117

.169

MEAN RADIUS

:

.573

.518

.471

MAX RADIUS

:

.947

.846

.822

HORIZONTAL SPREAD

:

1.239

.886

.886

VERTICAL SPREAD

:

1.467

1.467

1.363

EXTREME SPREAD

:

1.776

1.607

1.433

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

10

NUMBER IN THREE INCH CIRCLE =

10

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611527

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 10

HS- 2.393

VS- 2.184

GS- 2.559

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.025

.918

.762

MINIMUM X

-1.368

-1.254

-.865

MAXIMUM Y

1.040

.939

.925

MINIMUM Y

-1.144

-1.245

-1.259

CENTROID X

.144

.030

.186

CENTROID Y

.053

.154

.168

POA TO CENTROID in.

.153

.157

.251

MIN RADIUS

.428

.360

.311

MEAN RADIUS

.920

.850

.790

MAX RADIUS

1.373

1.478

1.411

HORIZONTAL SPREAD

2.393

2.172

1.628

VERTICAL SPREAD

2.184

2.184

2.184

EXTREME SPREAD

2.559

2.385

2.385

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

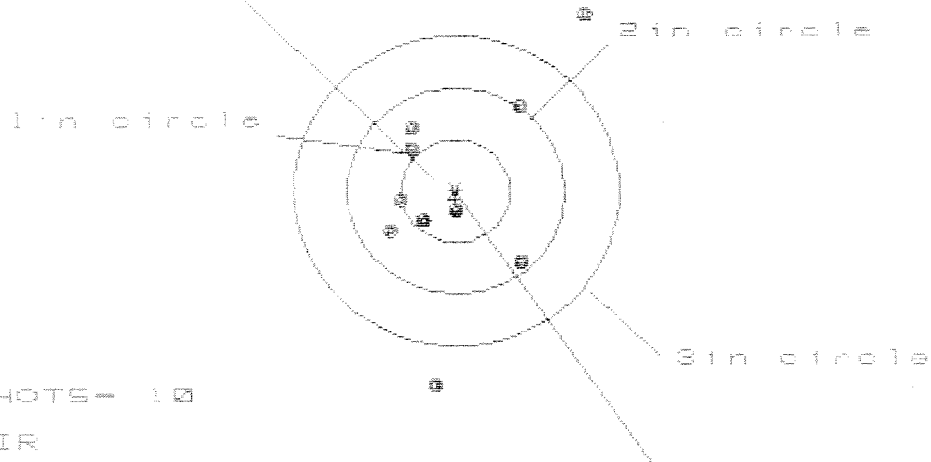
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11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611527

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 1.776

VS= 3.559

GS= 3.842

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.216

.728

.716

MINIMUM X

-.560

-.425

-.437

MAXIMUM Y

1.687

.971

.761

MINIMUM Y

-1.872

-1.685

-.660

CENTROID X

.007

-.128

-.116

CENTROID Y

.082

-.105

.105

FOR TO CENTROID in.

.082

.166

.157

MIN RADIUS

.196

.106

.236

MEAN RADIUS

.890

.708

.589

MAX RADIUS

2.080

1.687

1.036

HORIZONTAL SPREAD

1.776

1.153

1.153

VERTICAL SPREAD

3.559

2.656

1.421

EXTREME SPREAD

3.842

2.777

1.639

NUMBER IN ONE

INCH CIRCLE

=

3

NUMBER IN TWO

INCH CIRCLE

=

8

NUMBER IN THREE

INCH CIRCLE

=

8