

C6611732

MODEL 700™ M24

Model **SWS**™

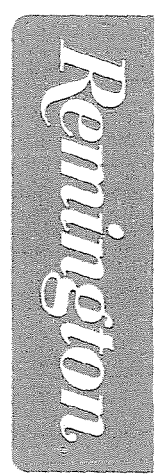
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



REPAIR - M249034966 REPORT

COMMENTS

ORDER

R 94-18856

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN		
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6611732	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES 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.L

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/Insp/Prep 50.00	
343.14	
REPAIRMAN PROOF CLEAN TEST TARGET PATTERN	
GALLERY TESTER DATE DATE DATE DATE DATE	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 063498835005

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611732

DATE 12-6-94

TESTER BMM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.61	2.52		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.48	2.73		
PULL #3	2.68	2.66	2.46		
PULL #4	2.59	2.52	2.52		
PULL #5	2.45	2.52	2.53		
TOTAL	13.02	12.79	12.76		
AVG.	2.60	2.55	2.55		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.11		
PULL #2	2.96	3.06		
PULL #3	3.25	3.15		
PULL #4	3.15	3.22		
PULL #5	3.19	3.19		
TOTAL	15.70	15.73		
AVG.	3.14	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.00		4.18
PULL #2	4.15	3.96		4.24
PULL #3	4.22	4.07		4.06
PULL #4	4.13	4.25		4.21
PULL #5	4.15	4.30		4.06
TOTAL	20.72	20.58		20.75
AVG.	4.14	4.11		4.15

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611732

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 0034969

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 3/4	5 3/4	5 3/4			"128	WB
	G) Safety Off Force	2 1/2	2 1/4	2 1/2			"128	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	2.25	2.34	2.23	2.32	2.24	"128	WB
	C) Function							
660	Pack							

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

MODEL 700™ H24

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

SERIAL NO.
C6611732

ORDER NO.
5716

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

20



5716 C6611732

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06611732

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GH
617	Drill and Tap Sight Holes	1 17 91		FB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-18-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/4/91	MM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/4/91	RL
	G) Safety Off Force	3	3	3			3/4/91	RL
	H) Trigger Pull Test & Retainability						3/4/91	RL
	I) Firing Pin Indent	.021	.021	.021			3/4/91	RL
	J) Assemble Stock						3/4/91	RW
	K) Assemble Swivel Studs						3-5-91	DH
	L) Attach Front and Rear Sight Assemblies						3/4/91	RW
	M) Iron Sight Alignment						3/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	RW
	O) Attach Scope to Rifle						3/4/91	RW
	P) Detach & Attach Scope 20 Times						3/4/91	RW
640	Gallery Target & Test						3-4-91	NF
	A) Time							NF
	B) Malfunctions							NF
	C) Pierced Primers							NF
	D) Optical Clarity of Scope							NF
645	Inspect for Live Ammo						3-4-91	NF
655	Final Inspection							
	A) Headspace						3-5-91	DH
	B) Trigger Pull	2.60	2.58	2.56	2.49	2.46	3-5-91	RL
	C) Function						3-5-91	DH
660	Pack						3-15-91	DH

MOD. _____		GA. CAL. _____	GUN # <u>1732</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
<i>NF</i>	<i>3/4</i>	<i>Bolt Drops</i>	<i>RW</i>
	2nd		
	<i>3/5/91</i>	<i>New Bolt Test OK</i>	<i>RW</i>
	3rd		
	4th		

FUNCTION _____ RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611732

DATE 3/4/91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.32	2.30	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.32	2.33	2.58	
PULL #3	2.21	2.36	2.38	2.56	
PULL #4	2.22	2.34	2.36	2.49	
PULL #5	2.22	2.32	2.25	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.33		
PULL #2	3.39	3.42		
PULL #3	3.48	3.38		
PULL #4	3.48	3.43		
PULL #5	3.41	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.13		4.22
PULL #2	4.23	4.19		4.22
PULL #3	4.18	4.20		4.21
PULL #4	4.13	4.17		4.19
PULL #5	4.19	4.21		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611732
5 Mar 1991

CENTROIDAL DISTANCES

0 TO 1 .17404
1 TO 2 .315087
1 TO 3 .214898
1 TO 4 .091351
1 TO 5 .173954

<--- POI

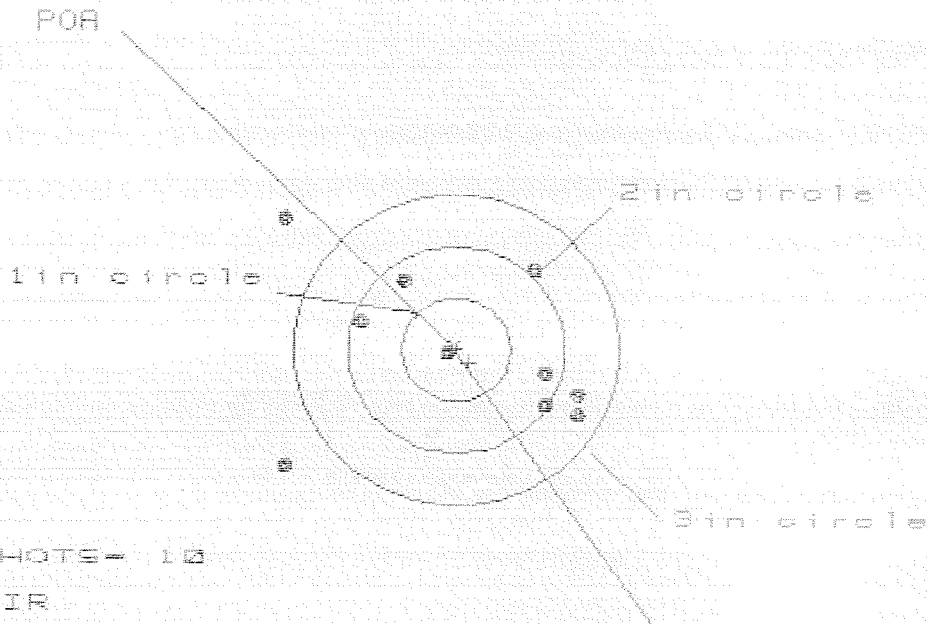
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0484
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0509761

THE AMR FOR THIS RIFLE IS: 1.019

5 Mar 1991

FILE://PATTERNING/CENTERFIRE_PATT/CGB11732

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.742

VS = 2.442

GS = 3.336

CENTROID #

PATTERN #

41

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	.944	.719
MINIMUM X	-1.621	-1.798	-1.236
MAXIMUM Y	1.306	.895	.771
MINIMUM Y	-1.136	-.990	-.637
CENTROID X	-.119	.058	.283
CENTROID Y	.127	-.019	.105
POA TO CENTROID INCH	.174	.061	.302
MIN RADIUS	.045	.265	.447
MEAN RADIUS	1.118	.999	.827
MAX RADIUS	2.062	2.053	1.262
HORIZONTAL SPREAD	2.742	2.742	1.955
VERTICAL SPREAD	2.442	1.885	1.408
EXTREME SPREAD	3.336	3.002	2.131
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11732

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 4.211

VS= 1.756

GS= 4.212

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

2.830

.955

.822

MINIMUM X

-1.382

-1.867

-.803

MAXIMUM Y

.736

.793

.851

MINIMUM Y

-1.020

-.963

-.905

CENTROID X

.145

-.170

-.036

CENTROID Y

-.045

-.102

-.160

POA TO CENTROID in.

.151

.198

.164

MIN RADIUS

.201

.313

.174

MEAN RADIUS

1.020

.801

.725

MAX RADIUS

2.876

1.164

1.154

HORIZONTAL SPREAD

4.211

2.822

1.625

VERTICAL SPREAD

1.756

1.756

1.756

EXTREME SPREAD

4.212

2.052

1.853

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611732

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.412

VS = 2.599

GS = 2.695

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.326	.704	.635
MINIMUM X	-1.086	-.938	-1.007
MAXIMUM Y	1.263	1.214	1.355
MINIMUM Y	-1.336	-1.385	-1.244
CENTROID X	-.069	-.217	-.148
CENTROID Y	-.082	-.033	-.174
POA TO CENTROID in.	.107	.219	.228
MIN RADIUS	.340	.470	.342
MEAN RADIUS	.933	.887	.813
MAX RADIUS	1.397	1.390	1.455
HORIZONTAL SPREAD	2.412	1.642	1.642
VERTICAL SPREAD	2.599	2.599	2.599
EXTREME SPREAD	2.695	2.695	2.695
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611732

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.214

VS = 2.643

GS = 2.736

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.135

.912

.742

MINIMUM X

-1.079

-.952

-.839

MAXIMUM Y

1.215

1.029

.867

MINIMUM Y

-1.428

-1.293

-.772

CENTROID X

-.028

-.155

-.269

CENTROID Y

.119

-.016

.146

POA TO CENTROID in.

.123

.155

.306

MIN RADIUS

.245

.247

.386

MEAN RADIUS

.927

.843

.737

MAX RADIUS

1.663

1.582

1.071

HORIZONTAL SPREAD

2.214

1.864

1.580

VERTICAL SPREAD

2.643

2.322

1.639

EXTREME SPREAD

2.736

2.589

1.864

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

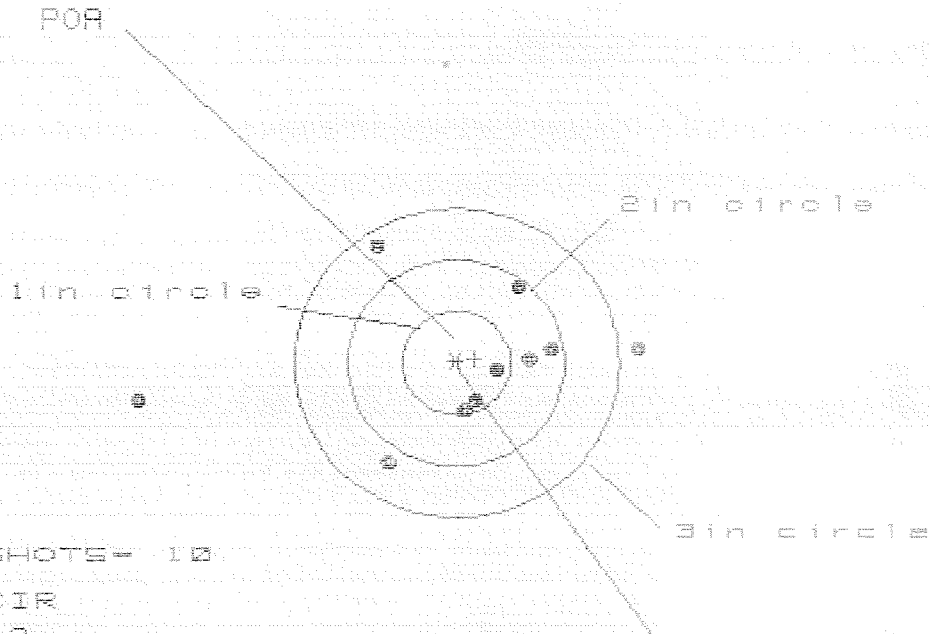
NUMBER IN THREE INCH CIRCLE =

8

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611732

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 4.638

VS= 2.131

GS= 4.667

CENTROID #

PATTERN #

5

SHOTS (BEST OF)		10	9	8
MAXIMUM X		1.685	1.357	.689
MINIMUM X		-2.953	-1.065	-.895
MAXIMUM Y		1.143	1.099	1.109
MINIMUM Y		-.988	-1.032	-1.022
CENTROID X		-.171	.157	-.013
CENTROID Y		-.039	.085	-.005
POA TO CENTROID in.		.176	.157	.014
MIN RADIUS		.380	.076	.226
MEAN RADIUS		1.099	.787	.745
MAX RADIUS		2.979	1.530	1.425
HORIZONTAL SPREAD		4.638	2.422	1.584
VERTICAL SPREAD		2.131	2.131	2.131
EXTREME SPREAD		4.667	2.627	2.143
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	