

ERA24LA094

OPERATIONAL FACTORS

Attachment 7
Weight and Balance
February 13, 2025

New Weight and Balance and



C-208 Manifest (Passenger)

30 Days in Future

2/18/2024

Flight Information

Date: 1/19/2024

Aircraft N: 1983X

From: IAD

Flt. No.: 246

Max Ramp 9097

This Flt: 9097

TO: LNS

Cert LDG 8500

This Flt: 8500

Pax on Board: 5

PIC: Awais, Ahmed

SIC: Lyons, Jodie

Agent: Sheryl Benites

Fuel and TKS Planning

Fuel (Pounds): 1200

Enroute Burn (Pounds): 400

Crew, Passenger, Baggage and Cargo Weights

Occupant Weights			Personal	Checked	CG	Total
Dest	Passenger Name	Weight	Items Wt	Bag Wt	Evaluation for Loading	Weight
Awais, Ahmed		147				147
Lyons, Jodie	Seat 2 Unavailable	160				160
Seat 2 (If no SIC)						0
Seat 3						0
Seat 4						0
Seat 5						0
Seat 6	LNS SAMPUGNARO / JAMESRO	222				222
Seat 7	LNS NELSON / MARISSA	160	40			200
Seat 8	LNS BROWNJR / CHARLES	276				276
Seat 9	LNS CHAIB / RAFIK	210	22			232
Seat 10	LNS CHAIB / ZACKARY	125				125
Not Installed Seat 11						0
UAB/Comat						0
Total # of Pax:	5	Total Weights:	993	62	0	1362

Pod A		Pod B		Pod C		Pod D		AFT CABIN	
Comat/UAB		Comat/UAB		Comat/UAB		Comat/UAB		Comat/UAB	
Carry On	Checked	Carry On	Checked	Carry On	Checked	Carry On	Checked	Carry On	Checked
		62							
Pod A:	0	Pod B:	62	Pod C:	0	Pod D:	0	AFT:	0

Notification to PIC

Unaccompanied Minor ☐ Firearms/Ammunition ☐ Battery ☐ Wet ☐
 Dry Ice ☐ Amount Other ☒ Details Below Dry ☐

Date and Time Printed: 1/19/2024 12:19



C-208 Weight and Balance (Passenger)

Date: 1/19/2024		Aircraft N: 1983X		Origin: IAD	
Max Ramp Wt this Flt: 9097		Destination: LNS		Pax on Board: 5	
Max Ldg Wt this Flt: 8500		Agent: Sheryl Benites			
PIC: Awais, Ahmed		SIC: Lyons, Jodie			
Acft. Empty Arm: 191.726		Wt. 5389.3		Empty Moment: 1033271	

	Weight	Arms	Checks	Moments
Pilot's Seat	147	135.5	OK	19918.5
Co-Pilot's Seat	160	135.5	OK	21680
Pax 3	0	186	OK	0
Pax 4	0	186	OK	0
Pax 5	0	219	OK	0
Pax 6	222	219	OK	48618
Pax 7	160	248	OK	39680
Pax 8	276	248	OK	68448
Pax 9	210	291	OK	61110
Pax 10	125	291	OK	36375
Not Installed Pax 11	0	0	OK	0
POD A	0	132.4	OK	0
POD B	62	182.1	OK	11290.2
POD C	0	233.4	OK	0
POD D	0	287.6	OK	0
Area F AFT	0	344	OK	0
TKS (Pounds)	0	149.4	OK	0
Fuel (Pounds)	1200	203.2	OK	243898.2

Takeoff and Landing Wts			
Landing Fuel (Lbs.)	Ramp Wt:	7951	Ramp Mom:
765	Takeoff Wt:	7916	1584288.856
Takeoff Fuel Mom:	Minus Burnoff:	400	Takeoff Mom:
	Landing Wt:	7516	1577175.16
			Landing Mom:
			1495778.081

Fuel Calculations		Weight and CG Limits					
Ramp Fuel	1200		Wt	Fwd Limit	CG	Aft Limit	
Taxi Burnoff	35	T/O Wt.	OK	7916.3	192.82	199.2	204.35
Enroute Burnoff	400	Landing	OK	7516.3	190.62	199.0	204.35
Landing Fuel	765						

Max Takeoff Wt. this Flt. 9062		Max Landing Wt. this Flt. 8500	
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Passenger Weights	Baggage Weights	Fuel Weights
Pilot's Seat 147	Pod Baggage 62	Ramp Fuel Lbs. 1200
Co-Pilot's Seat 160	Aft Baggage 0	Takeoff Fuel Lbs. 1165
Pax 3 0		Enroute Burn Lbs. 400
Pax 4 0		0 Diff Checked v Loaded
Pax 5 0		
Pax 6 222		
Pax 7 160		
Pax 8 276		
Pax 9 210		
Pax 10 125		
Pax 11 0		

Agent Complete	Signature	Date
		1/19/24
Pilot in Command	Signature	Date
		1-19-24
Second in Command	Signature	Date
		1-19-24

By our signatures above, we the flight crew of this flight, certify that we are in compliance with FAR 135.265 or 135.267 time and rest requirements.