

N207RA

2014 Cessna 208B

Weight & Balance

Aircraft S/N: 208B-5098

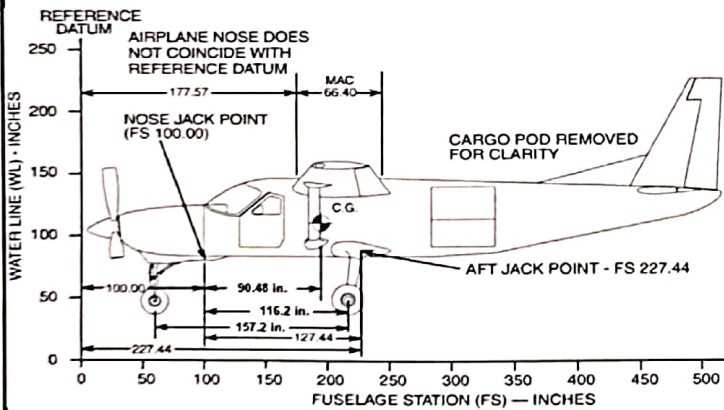


Prepared by the worldwide aviation specialists at RidgeAire, Inc.

AIRCRAFT WEIGHT AND BALANCE REPORT

CLIENT: AIR JUAN AVIATION, INC.	AIRCRAFT MSN: 20885098
AIRCRAFT MAKE & MODEL: TEXTRON AVIATION INC. / CESSNA GRAND CARAVAN EX 208B	WORK ORDER NO: AHA121-W&B-0003
AIRCRAFT REGISTRATION NO: RP-C1087	WEIGHED BY: CHRISTOPHER RYAN C. SANTIAGO
DATE WEIGHED: September 15, 2021	PLACE WEIGHED: SUBIC BAY INTERNATIONAL AIRPORT

REACTION	SCALE READINGS (lbs)	TARE (lbs)	Net Weight (lbs)	ARM (in.)	MOMENT (lbs-in.)
LEFT MAIN	2,072.50	0.00	2,072.50	XXXXXXXXXX	XXXXXXXXXX
RIGHT MAIN	2,236.00	0.00	2,236.00		
SUB-TOTAL MAIN	4,308.50	0.00	4,308.50		
NOSE/REAR	864.00	0.00	864.00	-41.00	-35,424.00
TOTAL WEIGHT (AS WEIGHED)	5,172.50	0.00	5,172.50	189.94	465,223.70



REMARKS:

- Aircraft was weighed in level flight position using W/S AWS-9k-REM platform scales.
- Aircraft condition when weighed:
 - Clean
 - Fuel tanks are empty
 - Oil is in operational quantity, 29 lbs.
 - 13 Life vests installed on aircraft
 - Additional two single seats in most aft row. (Refer to the CAAP Approved Letter dated January 25, 2018).
- Weight and tare reading is the average of two (2) trial readings.
C.G. at basic empty weight **5196.60 (lbs) = 190.48 in.** from RDL.
- References:
 - Cessna Model 208B POH (Weight and Balance Section)
 - Maintenance Manual (Leveling and Weighing Chapter)
 - TCDS A37CE Rev. 22 October 31, 2017
 - Previous Weight and Balance Report
 - Equipment List
- Tools List:
 - Spirit Levels
 - Tape Measure
 - Chalk Line
 - Plumb Bob
- Reference Datum during weighing is nose jacking point/front end firewall. Final C.G. Arm is computed C.G. Arm plus 100 in.:
C.G. = 90.48184 in. + 100 in. = 190.48184 in.

ITEMS	NET WEIGHT (lbs)	ARM (in.)	MOMENT (lbs-in.)
TOTAL WEIGHT (AS WEIGHED)	5,172.50	189.94	465,223.70
TOTAL ITEMS WEIGHED BUT NOT PART OF BASIC WT. (-) (DETAILS PAGE 2, ITEM A)	0.00	0.00	0.00
TOTAL ITEMS WEIGHT NOT IN AIRCRAFT WHEN WEIGHED (+) (DETAILS PAGE 2, ITEM B)	24.10	206.40	4,974.24
BASIC EMPTY WEIGHT	5,196.60	190.48	470,197.94

WEIGHED BY:

CHRISTOPHER RYAN C. SANTIAGO
A&P LICENSE NO. 122882
PRINTED NAME & SIGNATURE

AHA1 Authorized Weighing Personnel
POSITION

15-Sep-21
DATE

CERTIFIED CORRECT BY:

ENGR. MAT JONEL D. BONDOC
PRC LICENSE NO. 0001804
PRINTED NAME & SIGNATURE

Aeronautical Engineer
POSITION

15-Sep-21
DATE



Hangar 3, OMNI
Aviation Complex, M.A.
Roxas Highway,
Clarkfield, CFZ,
Pampanga, Philippines,
2009
CAAP AMO Cert No: 151
16

ENGINEERING
DEPARTMENT

Control No:
2021-09-W&B-01018

REV DATE: 30-Oct-20

REV NO: 1

AIRCRAFT WEIGHT AND BALANCE REPORT

ITEM A: ITEMS WEIGHED BUT NOT PART OF BASIC WEIGHT	NET WEIGHT (lbs)	ARM (in.)	MOMENT (lbs-in.)
No Items Weighed	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00
ITEM B: ITEMS WEIGHT NOT IN THE AIRCRAFT WHEN WEIGHED	NET WEIGHT (lbs)	ARM (in.)	MOMENT (lbs-in.)
Unusable Fuel	24.10	206.40	4974.24
TOTAL	24.10	206.40	4974.24



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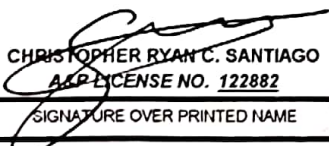
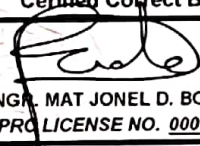
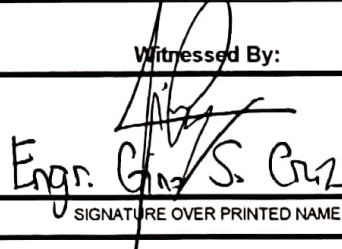
REV NO: 1

CAAP AMO Cert No:
151-16

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CLIENT: AIR JUAN AVIATION, INC.	AIRCRAFT MSN: 208B5098
AIRCRAFT MAKE & MODEL: TEXTRON AVIATION INC. / CESSNA GRAND CARAVAN EX 208B	WORK ORDER NO: AHAI21-W&B-0003
AIRCRAFT REGISTRATION NO: RP-C1087	WEIGHED BY: CHRISTOPHER RYAN C. SANTIAGO
DATE WEIGHED: September 15, 2021	PLACE WEIGHED: SUBIC BAY INTERNATIONAL AIRPORT

	1st Reading	2nd Reading	3rd Reading	Average
Left Main	2069	2076	-	2072.50
Right Main	2237	2235	-	2236.00
Sub-total Main	4,306	4,311	-	4308.50
Nose/Rear	862	866	-	864.00
Total Weight	5,168	5,177	-	5172.50

Weighed By:	Certified Correct By:	Witnessed By:
		
CHRISTOPHER RYAN C. SANTIAGO CAAP LICENSE NO. 122882	ENGR. MAT JONEL D. BONDOC PRO LICENSE NO. 0001804	Engr. Gino S. Cruz
SIGNATURE OVER PRINTED NAME	SIGNATURE OVER PRINTED NAME	SIGNATURE OVER PRINTED NAME
AHAI Authorized Weighing Personnel	Aeronautical Engineer	CAAP Inspector