

From: [REDACTED]
To: [REDACTED]
Subject: RE: CEN20LA352 (N198DM) - Weight and Balance Sheets Request
Date: Tuesday, January 18, 2022 6:50:19 AM
Attachments: [CEN20LA352 Weight and balance form.pdf](#)

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Here you go. Fuel CG is pretty much a straight line so lower fuel loads would just be lower on the line on page 2.

Henry J. Soderlund
Chief Air Safety Investigator
Air Safety Investigations

P [REDACTED] | M [REDACTED]
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From: Hodges Michael [REDACTED]
Sent: Wednesday, January 12, 2022 4:17 PM
To: Soderlund, Henry [REDACTED]
Subject: CEN20LA352 (N198DM) - Weight and Balance Sheets Request

Hi Henry,

Hope you are doing well.

Are you able to calculate a few weight and balance sheets for N198DM please? I would like some for the public docket please.

I was thinking maybe a few based on different fuel loads perhaps. I have attached the fuel receipt that we got from the FAA. Also attached are the two weight and balance sheets that we documented.

For the pilot's weight:

1. His most recent FAA medical examination (dated 10/14/2019), stated he weighed 219 pounds.
2. The autopsy (dated 08/21/2020), stated he weighed 208 pounds.

I was thinking about perhaps adding in 100 pounds for baggage/miscellaneous items on board?

Let me know if you have any other ideas or thoughts on it.

Thank you.

Mike

Mike J. Hodges, MS, CHP
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National Transportation Safety Board

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Response Operations Center (24/7): 1-844-373-9922
Work Hours: Monday-Friday, 0900-1730 Mountain Time

“We always need to prepare ourselves for handling the unexpected.” – Neil A. Armstrong

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CEN20LA352 Weight and Balance Estimate

Section VI
Weight & Balance/Equip List

Beechcraft
Super King Air B200

Beechcraft SUPER KING AIR B200/B200C

WEIGHT AND BALANCE LOADING FORM

SERIAL BB-1198

REGISTRATION NO: N198DM

DATE:

PASSENGERS OR CARGO			REF	ITEM	WEIGHT	MOM/100
ITEM	WEIGHT	MOM/100	1.	BASIC EMPTY COND.	8342.14	15523.4
LOCATION (ROW, F.S., ETC)			2.	PILOT	219	282.5
			3.	PASSENGERS OR CARGO		
			4.	BAGGAGE	100	325
			5.	CABINET CONTENTS		
			6.	SUB TOTAL ZERO FUEL CONDITION. DO NOT EXCEED 11,000 LBS	8661.14	
			7.	FUEL LOADING 544 gallons	3645	6936
			8.	SUB TOTAL RAMP CONDITION	12306.14	23067
			9.	*LESS FUEL FOR START, TAXI, AND TAKE OFF	90	177
			10.	SUB TOTAL TAKE OFF CONDITION	12216.14	22890
			11.	LESS FUEL TO DESTINATION		
TOTAL PASSENGERS OR CARGO			12.	LANDING CONDITION		

*Fuel for start, taxi and take-off is normally 90 lbs at an average moment/100 of 177.

B200-601-219

Center of Gravity Envelope

