



Mark Ward
Aviation Accident Investigator
AS-ANC

Date: 7/16/2023

Subject: ANC23FA045 Weight and Balance

Below are the sources of weights used to calculate the estimated gross weight of the accident airplane.

The pilot stated his weight was 207lbs during his interview at the hospital. The Alaska State Medical Examiner's Office reported Rod weighed 210lbs and Bryon weighed 191lbs during a phone conversation. Greg stated he weighed 178lbs and Corey stated he weighed 184lbs during their phone interviews.

After recovery of the wreckage the following cargo was weighed; Toolbox 25lbs, red day pack 8lbs, Samsonite suitcase 23lbs, Protégé suitcase 31lbs, black suitcase 22lbs, black gym bag 17lbs, gray bag 5lbs, and a black backpack 15lbs. The three fish boxes were not recovered. Weights for the fish boxes were estimated at 48lbs each based on a telephone conversation with the lodge operator that packed the boxes.

Empty weight of airplane of 1,850lbs was based on the operator's weight balance form.

Fuel, 30 gallons @ 6 pounds per gallon: 180lbs was based on the pilot's statement.