



The National Transportation Safety Board

Office of Aviation Safety
Central Region
Memorandum for the Record
Weight and Balance
Calculations
CEN18LA383
Santa Teresa New Mexico

Data from the aircraft's Weight & Balance sheet dated June 8, 2008, fuel logs, and estimated pilot/passenger weights were used for estimating the airplane's takeoff weight at the time of the accident.

A/C Empty Weight: 3225.73 lbs.

Max Useful Load: 1132.27 lbs.

Max Gross Weight: 4358 lbs.

Pilots Weight: 195 lbs.

3 Passengers: 525 lbs.

2 Teenage Passengers: 250 lbs.

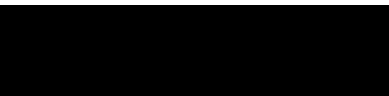
80 Gallons of Fuel: 480 lbs.

Baggage Weight: Unknown

Estimated Takeoff Weight without Baggage: 4675 lbs.

FBO personnel reported a very large amount of baggage loaded onto the aircraft prior to takeoff.

Alexander Lemishko



Senior Air Safety Investigator
NTSB Central Region Aviation