



MEMORANDUM for RECORD

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Date: April 21, 2017
Aircraft Weight Estimation
NTSB Accident Number: ERA17FA156 – East Windsor, CT

During the wreckage examination at Anglin Aircraft Recovery, Clayton, Delaware, on April 21, 2017, the weight of the airplane at the time of the accident was estimated. The following observations were noted:

From aircraft records recovered at the scene:

Aircraft maximum gross weight – **1260 lbs.**

Aircraft empty weight – 881 lbs (did not include fuel, oil, baggage, or occupants).

Weight of occupants – 146 lbs (Janssen) + 209 lbs (Plourde) = 355 lbs. (determined at autopsy).

Weight of miscellaneous items found inside the airplane (weighed on scale) = 37 lbs.

Weight of engine oil = 7 lbs.

Weight of aircraft without fuel = **1280 lbs.**

The weight of the fuel load was not determined. According to personnel at the departure airport and a fueling record found in the wreckage, the pilots serviced the airplane with 8 gallons of fuel prior to flying. The amount of fuel in the tanks prior to servicing could not be determined. No fuel was recovered from the fuel tanks; however, the fuel tank caps were not on the tanks when the wreckage was found.