

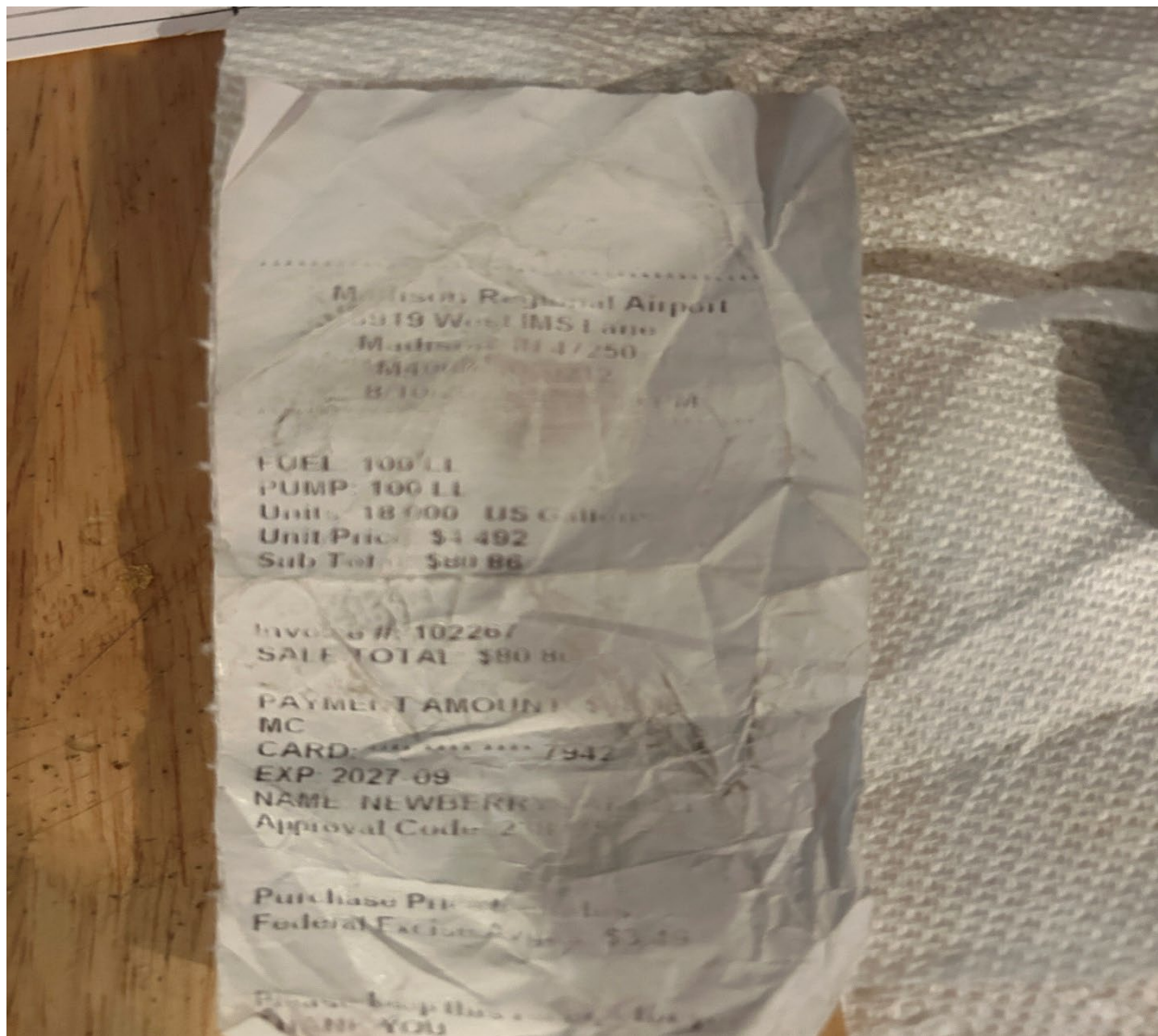


Eric Alleyne
Air Safety Investigator
AS-Eastern Region Aviation

Date: 11/1/2025

Subject: ERA25LA199, Fueling History and Consumption Analysis

Personnel at Madison Municipal Airport (IMS) were contacted to verify the fueling time, as invoice #10226 did not include a timestamp. They reported that the airplane was fueled with 18 gallons of 100LL at 1733 UTC on August 10, 2025. ADS-B data showed the airplane departed shortly thereafter at 1750 UTC and remained airborne for about 2 hours. The airplane was flown again on the day of the accident for about 1 hour before the loss of engine power. No additional fueling records were provided by the pilot. According to the Pilot's Operating Handbook, the airplane's usable fuel capacity is 22.5 gallons, and the expected fuel burn rate is approximately 8 gallons per hour.



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