



MEMORANDUM FOR RECORD

Douglass Brazy
Air Safety Investigator
Eastern Region Aviation

May 3, 2019

Subject: NTSB investigation ERA19FA155, N9693E, Bellanca 17-30A, Henderson, Kentucky, April 23, 2019.

On May 3, 2019, Kevin Davis, Director of the Mid Carolina Regional Airport (RUQ), provided the attached fuel receipt via email. Mr. Davis noted that security video at the airport showed that N9693E departed RUQ at 1905 eastern daylight time. (1805 central daylight time)

The airplane was fueled with 52 gallons. The wing tanks hold 30 usable gallons each, the auxiliary tank holds 15 gallons.

Fuel use estimates:

Assuming the airplane departed with at least 52-60 gallons of fuel, using a burn rate of 16.1 gallons per hour (gph), the endurance would be about 3.2 to 3.7 hours, +/- wind, climb, and decent. A burn rate of 13.1 (gph) would yield an endurance of about 3.9 to 4.6 hours.

The airplane departed at 1805 cdt, and the last recorded radar data position was about 4 hours later, at 2303 cdt.

The straight-line distance from RUQ to EHR is 425 statute miles

At a cruise speed of 180 mph, a direct flight would take about 2.4 hours, +/- wind, climb, and decent.

<end>

<1 attachment>

WELCOME TO

ROWAN COUNTY AIRPORT
3670 AIRPORT LOOP
SALISBURY, NC 28147

MULTI SERVICE TERMINAL
Merchant 15723

Batch 101823-006
Invoice 110970

AUTH CODE [REDACTED]

04/23/19 - 18:46:54

CARD: Visa
ACCT#: [REDACTED]

TAIL#: N9693

PUMP: 1
PRODUCT: 4 [1]

AVGAS 100LL

QUANTITY: 51.880 GL.
PRICE/UNIT: \$ 4.6500

TOTAL COST: \$ 241.24

FB07042167749
FAX 704-637-9019
THANK YOU
HAVE A NICE DAY

ROWAN COUNTY

CUSTOMER INVOICE

INVOICE LISTED BY SITE ID

From Date: 4/23/2019
Time: 12:00:00AM

To Date: 4/23/2019
Time: 11:59:59PM

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Print Date: 4/25/2019 Time: 8:43:42AM

Transactions for SITE ID: 0001 MID-CAROLINA REGIONAL AIRPORT

Transactions for Vehicle -

<u>Date</u>	<u>Time</u>	<u>TC</u>	<u>Site</u>	<u>User ID</u>	<u>Tran #</u>	<u>Odometer</u>	<u>Hose</u>	<u>Grade</u>	<u>Product</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Total</u>
4/23/2019	10:08:00AM	99	0001		19,176	0	1	1	1	4.6500	5.32	24.74
4/23/2019	11:24:00AM	99	0001		19,177	0	1	1	1	4.6500	16.33	75.93
4/23/2019	11:50:00AM	99	0001		19,179	0	1	1	1	4.6500	17.55	81.61
4/23/2019	3:58:00PM	99	0001		19,180	0	1	1	1	4.6500	12.41	57.71
4/23/2019	6:28:00PM	99	0001		19,181	0	1	1	1	4.6500	5.00	23.25
4/23/2019	6:46:00PM	99	0001		19,182	0	1	1	1	4.6500	51.88	241.24

Total Cost for SITE ID 0001

total for 6 transactions

<u>Quantity</u>	<u>Total Cost</u>
108.49	504.48