



National Transportation Safety Board Aviation Accident Factual Report

Location:	Batavia, NY	Accident Number:	ERA20CA203
Date & Time:	06/01/2020, 1230 EDT	Registration:	N15DN
Aircraft:	Beech 36	Aircraft Damage:	Substantial
Defining Event:	Landing gear not configured	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Positioning		

According to the pilot, after a normal start and runup, he departed the airport and climbed to the cruise altitude. After reaching that altitude, he noted a flashing message indicator on the GPS that stated there was an electrical system issue. The pilot informed air traffic control that he would return to the departure airport to repair the issue, and about 7 miles from the airport, the GPS and primary flight display began to flash. The pilot pulled the circuit breakers to the flashing displays and set up for a straight in approach to the runway. He realized the airplane needed to lose altitude and attempted to extend the flaps, however, the flaps did not extend. He reset the circuit breakers, but the flaps still did not extend. He continued the approach, mistakenly forgot to extend the landing gear, and landed on the runway with the landing gear retracted. During the accident sequence, the fuselage was substantially damaged. After the accident, the pilot realized that he was interrupted during his starting checklist and concluded that he did not turn on the alternators (alternator and standby alternator) during the start procedures. Therefore, the airplane avionics were running on battery power the entire flight, which resulted in a loss of electrical power. He reported no other mechanical malfunctions of the airplane that would have precluded normal operation prior to the accident.

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	57, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	01/07/2020
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	02/15/2020
Flight Time:	952 hours (Total, all aircraft), 89 hours (Total, this make and model), 888 hours (Pilot In Command, all aircraft), 54 hours (Last 90 days, all aircraft), 23 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N15DN
Model/Series:	36 A36	Aircraft Category:	Airplane
Year of Manufacture:	1989	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	E-2472
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	11/07/2019, Annual	Certified Max Gross Wt.:	3651 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3182.5 Hours as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-550
Registered Owner:	Snowflake Aircraft Llc	Rated Power:	300 hp
Operator:	Snowflake Aircraft Llc	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GVQ, 913 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1156 EDT	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	11 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.22 inches Hg	Temperature/Dew Point:	16° C / 2° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Batavia, NY (GVQ)	Type of Flight Plan Filed:	None
Destination:	Batavia, NY (GVQ)	Type of Clearance:	VFR Flight Following
Departure Time:	1215 EDT	Type of Airspace:	Class E

Airport Information

Airport:	Genesee County (GVQ)	Runway Surface Type:	Asphalt
Airport Elevation:	913 ft	Runway Surface Condition:	Dry
Runway Used:	28	IFR Approach:	None
Runway Length/Width:	5499 ft / 100 ft	VFR Approach/Landing:	Precautionary Landing; Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	43.031667, -78.173333 (est)

Administrative Information

Investigator In Charge (IIC):	Heidi Kemner
Additional Participating Persons:	James Seymour; FAA/FSDO; Rochester, NY
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=101370