



Aviation Investigation Final Report

Location:	Sedona, Arizona	Accident Number:	GAA19CA102
Date & Time:	December 19, 2018, 15:30 Local	Registration:	N636M
Aircraft:	Beech 36	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was flying a recently purchased airplane. During initial climb, the front right cockpit door opened. He decided that the condition was unsafe and entered a left downwind to land. The approach end of the runway had rising terrain, and the airplane was too high and fast. About 200 ft above ground level, he decided to abort the landing, but the engine sputtered, and he continued the landing. The airplane overran the runway and collided with a fence.

The airplane sustained substantial damage to the left wing and the elevator.

The pilot reported that there were no mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain the proper airspeed during landing, which resulted in the airplane landing too fast and too far down the runway to safely stop it.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Airspeed - Not attained/maintained
Environmental issues	Fence/fence post - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Airline transport	Age:	44,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	August 10, 2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	August 11, 2018
Flight Time:	(Estimated) 11000 hours (Total, all aircraft), 95 hours (Total, this make and model), 150 hours (Last 90 days, all aircraft), 59 hours (Last 30 days, all aircraft), 2.5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N636M
Model/Series:	36 A36	Aircraft Category:	Airplane
Year of Manufacture:	1976	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	E-874
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	April 1, 2018 Annual	Certified Max Gross Wt.:	3780 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4900 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-550-B
Registered Owner:		Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KSEZ, 4827 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	22:35 Local	Direction from Accident Site:	72°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.17 inches Hg	Temperature/Dew Point:	18°C / -1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sedona, AZ (SEZ)	Type of Flight Plan Filed:	None
Destination:	Sedona, AZ (SEZ)	Type of Clearance:	VFR flight following
Departure Time:	15:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	Sedona SEZ	Runway Surface Type:	Asphalt
Airport Elevation:	4830 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	5132 ft / 100 ft	VFR Approach/Landing:	Full stop;Precautionary landing;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	34.848609,-111.78833(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	George Burgher; FAA; Scottsdale, AZ
Original Publish Date:	September 26, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98792

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