



Aviation Investigation Final Report

Location:	Irwin, Idaho	Accident Number:	GAA15CA255
Date & Time:	August 27, 2015, 17:00 Local	Registration:	N63BW
Aircraft:	AVIAT AIRCRAFT INC A-1C-200	Aircraft Damage:	Substantial
Defining Event:	Low altitude operation/event	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during a low level flight, the airplane struck a wire over a river. The landing gear contacted the wire, the wire stretched like a "bungee cord," and then the wire broke. The airplane pulled to the right with the wire still attached, the pilot landed in the river, and the airplane nosed over. The recovery of the airplane from the river revealed substantial damage to the fuselage, both wings, and the empennage. The pilot reported that, "I could have prevented this accident by better observation of power lines over the river."

The pilot reported there were no pre-impact mechanical failures or malfunctions with the airframe or engine 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 obstacle clearance during low level flight, which resulted in the airplane striking a wire, impacting water, and nosing over.

Findings

Personnel issues	Task monitoring/vigilance - Pilot
Environmental issues	Wire - Effect on equipment

Factual Information

History of Flight

Maneuvering-low-alt flying	Low altitude operation/event (Defining event)
Maneuvering-low-alt flying	Attempted remediation/recovery
Maneuvering-low-alt flying	Loss of control in flight
Maneuvering-low-alt flying	Off-field or emergency landing
Maneuvering-low-alt flying	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	54
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Rear
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 3 With waivers/limitations	Last FAA Medical Exam:	February 18, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 13, 2015
Flight Time:	(Estimated) 3112 hours (Total, all aircraft), 326 hours (Total, this make and model), 40 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Front
Other Aircraft Rating(s):		Restraint Used:	3-point
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	AVIAT AIRCRAFT INC	Registration:	N63BW
Model/Series:	A-1C-200 UNDESIGNAT	Aircraft Category:	Airplane
Year of Manufacture:	2012	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	3159
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	November 12, 2014 Annual	Certified Max Gross Wt.:	2250 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	142.8 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-360-A1D6
Registered Owner:	KEVIN BLOXHAM PREMIER CONSTRUCTION SUPPLY INC	Rated Power:	200 Horsepower
Operator:	KEVIN BLOXHAM PREMIER CONSTRUCTION SUPPLY INC	Operating Certificate(s) Held:	None
Operator Does Business As:	PREMIER CONSTRUCTION SUPPLY INC	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KDIJ,6229 ft msl	Distance from Accident Site:	23 Nautical Miles
Observation Time:	22:56 Local	Direction from Accident Site:	23°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.27 inches Hg	Temperature/Dew Point:	26°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ALPINE, WY (46U)	Type of Flight Plan Filed:	None
Destination:	RIGBY, ID (U56)	Type of Clearance:	None
Departure Time:	16:30 Local	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	43.396667,-111.298332(est)

Administrative Information

Investigator In Charge (IIC):	Hodges, Michael
Additional Participating Persons:	Rhaundale Hinsen; FAA Salt Lake City FSDO; Salt Lake City, UT
Original Publish Date:	October 8, 2015
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=91957

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