



National Transportation Safety Board Aviation Accident Data Summary

Location:	Winkelman, AZ	Accident Number:	WPR15LA254
Date & Time:	09/01/2015, 0930 MST	Registration:	N74ES
Aircraft:	RAUDENBUSH ERNIE LANCAIR SUPER ES	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The commercial pilot stated that, about 1 hour into the cross-country personal flight, he observed a "slight" loss of engine power and "fluctuating" engine exhaust gas temperature indications. Shortly thereafter, the engine experienced a significant loss of power, and the pilot subsequently chose to perform a forced landing to a rocky plateau, during which the airplane sustained substantial damage. Following the pilot's egress, the airplane was consumed by a postimpact fire. The engine was examined and disassembled following the accident, and it displayed significant thermal damage. No anomalies were observed that would have precluded normal operation.

Flight Events

Enroute-cruise - Loss of engine power (partial)
Landing - Off-field or emergency landing

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A partial loss of engine power for reasons that could not be determined because postaccident examination of the engine revealed no anomalies.

Findings

Not determined-Not determined-(general)-(general)-Unknown/Not determined - C

Pilot Information

Certificate:	Commercial; Military; Private	Age:	39
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	1650 hours (Total, all aircraft), 240 hours (Total, this make and model), 1470 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	RAUDENBUSH ERNIE	Registration:	N74ES
Model/Series:	LANCAIR SUPER ES	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-550 SERIES
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KCGZ, 1462 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	4 knots, 80°
Temperature:	28° C / 18° C	Visibility:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	EL PASO, TX (ELP)	Destination:	GLENDALE, AZ (GEU)

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Allison N Diaz	Adopted Date:	07/11/2016
Note:	The NTSB did not travel to the scene of this accident.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=91905		

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