



National Transportation Safety Board Aviation Accident Data Summary

Location:	Brentwood, CA	Accident Number:	WPR13LA353
Date & Time:	08/01/2013, 0945 PDT	Registration:	N199BW
Aircraft:	WEBER GPA-2	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he was on a short cross-country flight when he felt a slight vibration in the airplane. An instrument panel scan revealed that the engine's cylinder head temperatures had risen above 450 degrees F. The pilot diverted toward the nearest airport, but the engine lost power before the airplane reached the airport. During the forced landing in a cornfield, both wings sustained substantial damage. A postaccident engine examination and test run revealed no evidence of any preimpact anomalies with the engine that would have prevented normal operation. The reason for the loss of engine power could not be determined.

Flight Events

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

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
A loss of engine power for reasons that could not be determined because postaccident examination did not reveal any anomalies that would have precluded normal operation.

Findings

Aircraft-Aircraft power plant-Engine (reciprocating)-(general)-Malfunction
Environmental issues-Physical environment-Terrain-Rough terrain-Contributed to outcome
Not determined-Not determined-(general)-(general)-Unknown/Not determined - C

Pilot Information

Certificate:	Airline Transport	Age:	57
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	18850 hours (Total, all aircraft), 170 hours (Total, this make and model), 5070 hours (Pilot In Command, all aircraft), 240 hours (Last 90 days, all aircraft), 90 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	WEBER	Registration:	N199BW
Model/Series:	GPA-2	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-360 SERIES
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SCK, 24 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:	8 knots/ 24 knots, 270°
Temperature:	19° C / 9° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Livermore, CA (LVK)	Destination:	Sacramento, CA (MHR)

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	James F Struhsaker	Adopted Date:	06/11/2014
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=87655		

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