



National Transportation Safety Board Aviation Accident Data Summary

Location:	OGDEN, UT	Accident Number:	DEN01LA109
Date & Time:	06/01/2001, 1208 MDT	Registration:	N5QV
Aircraft:	2001 MCGIRL QUESTAIR VENTURE	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Flight Test		

Analysis

While on a test flight, in a new homebuilt experimental airplane, a fuel leak into the cockpit occurred. The pilot declared an emergency, and during final approach to land, a fire developed in the cockpit. The pilot ground looped the airplane on the runway in front of the tower. Fixed base operator personnel extinguished the fire and removed the seriously injured pilot from the airplane. Due to thermal damage, the source of the fuel leak and subsequent fire was not found.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: an in-flight fire, which originated from a fuel leak of unknown origin.

Findings

Occurrence #1: FIRE

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) FUEL SYSTEM - LEAK
2. (C) FUEL SYSTEM - FIRE

Pilot Information

Certificate:	Airline Transport; Commercial; Flight Engineer	Age:	64
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	32900 hours (Total, all aircraft), 52 hours (Total, this make and model), 29000 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	2001 MCGIRL	Registration:	N5QV
Model/Series:	QUESTAIR VENTURE	Engines:	1 Reciprocating
Operator:	PATRICK MCGIRL	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO550G1B
Flight Conducted Under:	Part 91: General Aviation - Flight Test		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OGD, 4470 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	10 knots / , 180°
Temperature:	28° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	OGDEN, UT (OGD)	Destination:	OGDEN, UT

Airport Information

Airport:	OGDEN HINCKLEY (OGD)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry
Runway Length/Width:	5352 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	In-Flight and On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	NORMAN F WIEMEYER	Adopted Date:	02/20/2002
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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