



National Transportation Safety Board Aviation Accident Data Summary

Location:	Nacogdoches, TX	Accident Number:	DFW05LA115
Date & Time:	05/01/2005, 1900 CDT	Registration:	N204RH
Aircraft:	Lancair Legacy	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The 20,000-hour pilot reported that while maneuvering at an altitude of 700-800 feet above ground level (agl), when the "sound of the engine suddenly changed" followed by a loss of engine power. The pilot initiated a forced landing to an open field. As the airplane touched down, the main landing gear separated and the airplane skidded to a stop in an upright position. Subsequently, a post crash fire ensued and destroyed the airplane. The pilot added that about three to four minutes prior to the change in the engine sound, he verified on the engine monitoring instrument that all indications were within the green bands. No mechanical anomalies were found during an engine examination. The reason for the loss of engine power was undetermined.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The loss of engine power for undetermined reasons.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE

Findings
1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: EMERGENCY LANDING

Occurrence #4: GEAR COLLAPSED
Phase of Operation: EMERGENCY LANDING

Pilot Information

Certificate:	Airline Transport	Age:	60
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	20000 hours (Total, all aircraft), 32 hours (Total, this make and model), 19000 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 31 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Lancair	Registration:	N204RH
Model/Series:	Legacy	Engines:	1 Reciprocating
Operator:	Randall M Hurst	Engine Manufacturer:	Teledyne Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-550-N13B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	LFK, 296 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:	Calm, Variable
Temperature:	18°C / 10°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Nacogdoches, TX (OCH)	Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Alexander Lemishko	Adopted Date:	09/13/2005
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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