



National Transportation Safety Board Aviation Accident Data Summary

Location:	San Marcos, TX	Accident Number:	DFW08CA149
Date & Time:	05/02/2008, 1650 CDT	Registration:	N1255R
Aircraft:	Bellanca 14-13-3A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was within 5 miles of his destination airport at the termination of a short cross country flight at 2000 feet above ground level. When the pilot reduced throttle to begin his descent the engine went to idle and throttle control was no longer available. The pilot decided to attempt to make his destination airport but landed in an open field short of the runway. The airplane sustained substantial damage to the left wing main spar. The pilot received no injuries. Upon investigation of the engine it was discovered that the throttle cable clevis swag failed at the cable housing and throttle control was no longer available.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the throttle cable clevis swage. Contributing to the accident was the uneven terrain available for landing.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) THROTTLE/POWER LEVER, LINKAGE - FAILURE
2. THROTTLE/POWER CONTROL - NOT POSSIBLE - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: EMERGENCY LANDING

Findings

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

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):	
Flight Time:	16000 hours (Total, all aircraft), 36 hours (Total, this make and model), 9000 hours (Pilot In Command, all aircraft), 240 hours (Last 90 days, all aircraft), 85 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Bellanca	Registration:	N1255R
Model/Series:	14-13-3A	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-470-F
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KHYI, 128 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 4200 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	/ 18 knots, 350°
Temperature:	28°C / 17°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Manvel, TX (3T2)	Destination:	San Marcos, TX (KHYI)

Airport Information

Airport:	Runway Surface Type:
Runway Used:	Runway Surface Condition:
Runway Length/Width:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	William H Gamble	Adopted Date:	07/30/2008
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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