



National Transportation Safety Board Aviation Accident Data Summary

Location:	Edmond, OK	Accident Number:	DFW07CA192
Date & Time:	09/01/2007, 1300 CDT	Registration:	N65PG
Aircraft:	Boeing 1942	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot lost directional control of the tail-wheel equipped biplane while attempting to takeoff from a 3,000-foot long, by 100-foot wide grass airstrip. The 2,500-hour private pilot reported that during the takeoff roll from Runway 35, the vintage airplane began to drift to the left side of the airstrip. The pilot added that he attempted to maintain directional control by applying full right rudder and aileron; however, the airplane continued to veer to the left and exiting the left side of the runway into soft terrain. The airplane nosed over and came to rest in the inverted position. The pilot was able to egress the airplane with the assistance of a friend. The 79-year old pilot reported having accumulated approximately 1,000-hours in the same make and model airplane. Weather at the airport 7 minutes prior to the mishap was reported as winds from 085 degrees at 2 to 5 knots, visibility 10 miles with skies clear, temperature 29 degrees Celsius, dew point 15 degrees Celsius, and altimeter 30.10 inches of Mercury.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during takeoff resulting in a nose over. A contributing factor was the soft terrain.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

3. (F) TERRAIN CONDITION - SOFT

Occurrence #3: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Pilot Information

Certificate:	Private	Age:	79
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Glider	Instructor Rating(s):	None
Flight Time:	2500 hours (Total, all aircraft), 1000 hours (Total, this make and model), 2400 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Boeing	Registration:	N65PG
Model/Series:	1942	Engines:	1 Reciprocating
Operator:	Cavu Limited	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	W670-6A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PWA	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	2 knots / 5 knots, 85°
Temperature:	29° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Edmond, OK	Destination:	Edmond, OK

Airport Information

Airport:		Runway Surface Type:	Grass/turf
Runway Used:	35	Runway Surface Condition:	Dry; Soft
Runway Length/Width:	3000 ft / 100 ft		

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
Latitude, Longitude:	35.000000, -97.000000		

Administrative Information

Investigator In Charge (IIC):	William Gamble	Adopted Date:	11/29/2007
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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