



National Transportation Safety Board Aviation Accident Data Summary

Location:	Kerrville, TX	Accident Number:	DFW07CA190
Date & Time:	09/01/2007, 0900 CDT	Registration:	N915W
Aircraft:	KitFox Series 5	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The 1,300-hour private pilot lost directional control of the tail-wheel equipped homebuilt airplane during takeoff roll from Runway 16. The pilot reported that shortly after reaching the first 200-feet of his takeoff roll, the airplane started to veer to the left of the centerline and eventually ran-off the runway. The pilot stated the runway was elevated from the surrounding terrain and when the airplane ran off the left side of the runway, the airplane banked to the right and the right wing collided with the ground and the airplane nosed-over. The FAA inspector, who responded to the site of the accident, did not find any anomalies with the flight controls, tailwheel steering system or the brakes. A passenger seated on the right front seat of the airplane provided a copy of a short video clip confirming the sequence of events. The Runway 16 was described as a 3,000 -foot long by 50-foot wide asphalt airstrip. Weather 10 nautical miles south of the airport was reported 10 minutes prior to the accident to be winds from 110 at 9 knots, visibility 10 statute miles, with a broken layer at 7,500 feet and an overcast layer at 10,000-feet. The temperature was reported as 28-degrees Celsius, with a dew point at 17-degrees Celsius, with an altimeter of 30.13 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 compensate for the existing wind conditions. A contributing factor was the prevailing crosswind.

Findings

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

Findings

1. (F) 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

Pilot Information

Certificate:	Private	Age:	43
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1300 hours (Total, all aircraft), 91 hours (Total, this make and model), 1300 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	KitFox	Registration:	N915W
Model/Series:	Series 5	Engines:	1 Reciprocating
Operator:	Michael Stanard	Engine Manufacturer:	Rotax
Air Carrier Operating Certificate:	None	Engine Model/Series:	912ULS
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	60TE	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm, 110°
Temperature:	32° C / 19° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Kerrville, TX	Destination:	

Airport Information

Airport:	Tierra Linda irport (60TE)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry
Runway Length/Width:	3000 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	2 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:	12/20/2007
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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