



National Transportation Safety Board Aviation Accident Data Summary

Location:	LAKE GENEVA, WI	Accident Number:	CHI96LA225
Date & Time:	07/01/1996, 0815 CDT	Registration:	N51SK
Aircraft:	Sisk BD-5	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

The experimental BD-5 aircraft had been towed to the run-up area in preparation for a heavy weight test flight. The preflight and run-up were normal. Witnesses indicated the engine developed full power during the takeoff roll, and that the aircraft accelerated to the Go/No-Go point on the 2,300 foot airstrip. The pilot continued the takeoff roll, but reportedly, the aircraft did not rotate. Witnesses reported that the airplane became airborne between 1,900 feet to 2,300 feet down the runway, but only climbed about 4 feet. Subsequently, it impacted a wire fence near the departure end of the runway, and then bounced and skidded across a divided four lane highway, inflicting minor damage to a car. The pilot's wife reported that the temperature was hot, and the wind was calm. The modified inboard marine engine exhibited continuity. The flight controls and drive train exhibited continuity. The propeller which had been carved by the pilot/builder was destroyed during impact.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the pilot to abort the takeoff, while there was sufficient runway remaining. The high temperature and calm wind were related factors.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - TEMPERATURE,HIGH
 2. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND
 3. OBJECT - FENCE
 4. OBJECT - VEHICLE
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. TERRAIN CONDITION - DITCH
6. TERRAIN CONDITION - ROADWAY/HIGHWAY

Pilot Information

Certificate:	Airline Transport	Age:	53
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	18100 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Sisk	Registration:	N51SK
Model/Series:	BD-5 BD-5	Engines:	1 Reciprocating
Operator:	VADIE G. SISK	Engine Manufacturer:	Mercury
Operating Certificate(s) Held:	None	Engine Model/Series:	INBOARD
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	UE, 911 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 260°
Temperature:	23° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(W189)	Destination:	

Airport Information

Airport:	LAKE GENEVE AERO ESTATES (W189)	Runway Surface Type:	Asphalt
Runway Used:	22	Runway Surface Condition:	Dry
Runway Length/Width:	2300 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): JAMES P SILLIMAN

Adopted Date: 04/03/1997

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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