



National Transportation Safety Board Aviation Accident Data Summary

Location:	Sandpoint, ID	Accident Number:	SEA06CA023
Date & Time:	12/03/2005, 1600 PST	Registration:	N543MD
Aircraft:	Diamond Aircraft Industries HK 36 TTC	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The pilot stated that he had been practicing short field approaches at the Sandpoint Airport with a flight instructor and then decided to go to his property where he had a private airstrip. The pilot stated that the flight instructor was flying the glider, making a low approach over the airstrip when he unexpectedly decided to land. The airspeed was too high to stop on the remaining runway which was covered with compacted snow. After rolling about 300 feet, the flight instructor applied full throttle for the takeoff. The pilot pointed out the power lines beyond the end of the runway, and the flight instructor stated that they would fly under them. At this time the left wing struck a tractor that was positioned at the end of the airstrip. The wing separated from the airframe and the glider spun around, coming to rest. The pilot stated that there was no mechanical failure or malfunction with the glider at the time of the accident.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Excessive speed for the landing roll and inadequate remedial action for the initial takeoff. An object near the end of the runway and snow covered surface were factors.

Findings

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

Findings

1. (F) OBJECT - VEHICLE
2. (C) AIRSPEED - EXCESSIVE - PILOT IN COMMAND(CFI)
3. (F) TERRAIN CONDITION - SNOW COVERED
4. (C) REMEDIAL ACTION - INADEQUATE - PILOT IN COMMAND(CFI)

Flight Instructor Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	63
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Glider	Instructor Rating(s):	
Flight Time:	11040 hours (Total, all aircraft), 8 hours (Total, this make and model), 0 hours (Last 90 days, all aircraft), 0 hours (Last 30 days, all aircraft)		

Pilot Information

Certificate:		Age:	
Airplane Rating(s):		Instrument Rating(s):	
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Diamond Aircraft Industries	Registration:	N543MD
Model/Series:	HK 36 TTC	Engines:	1 Reciprocating
Operator:	Michael G. Durnin	Engine Manufacturer:	Rotax
Operating Certificate(s) Held:	None	Engine Model/Series:	914 F3
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Weather Information Source:	Unknown
Lowest Ceiling:		Wind Speed/Gusts, Direction:	/ ,
Temperature:		Visibility:	
Precipitation and Obscuration:			
Departure Point:	Sandpoint, ID (SZT)	Destination:	

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Latitude, Longitude:	48.371389, -116.383333		

Administrative Information

Investigator In Charge (IIC):	Debra J Eckrote	Adopted Date:	03/28/2006
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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