



National Transportation Safety Board Aviation Accident Data Summary

Location:	Boulder, CO	Accident Number:	DEN08CA023
Date & Time:	11/02/2007, 1345 MDT	Registration:	N4635F
Aircraft:	Cessna TP206A	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was returning to the airport after releasing some skydivers. He was following a training airplane in the traffic pattern and was gaining on it, so he decided to extend his downwind leg. On final approach to runway 08, his airplane was still gaining on the other airplane. The pilot reduced power and raised the nose to reduce airspeed to 85 mph. The airplane was "low and slow" as he passed over a lake, so he added power but not soon enough. The airplane touched down on the sandy shore of the lake short of the runway. The nose gear was torn off and the airplane nosed over.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's misjudgment of altitude. Contributing factors in this accident were the pilot's intentional low airspeed, his failure to execute a go-around, and the soft terrain.

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) AIRSPEED - REDUCED - PILOT IN COMMAND
 2. (F) GO-AROUND - NOT PERFORMED - PILOT IN COMMAND
 3. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

4. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Commercial; Student	Age:	24
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	938 hours (Total, all aircraft), 623 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4635F
Model/Series:	TP206A	Engines:	1 Reciprocating
Operator:	Front Range Skydivers, Inc.	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520
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:	BJC	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	/ ,
Temperature:	9° C	Visibility	40 Miles
Precipitation and Obscuration:			
Departure Point:	Boulder, CO (1V5)	Destination:	(1V5)

Airport Information

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

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	40.039444, -105.225833		

Administrative Information

Investigator In Charge (IIC):	Arnold W Scott	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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