



National Transportation Safety Board Aviation Accident Final Report

Location:	Anchorage, AK	Accident Number:	ANC12CA021
Date & Time:	02/01/2012, 1610 AST	Registration:	N991AK
Aircraft:	BEECH 99	Aircraft Damage:	Substantial
Defining Event:	Landing area undershoot	Injuries:	7 None
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

The pilot was landing the airplane on a runway surrounded by snow berms. He reported that, as the airplane approached the runway threshold, he reduced engine power to flight idle to descend, and the airplane's main landing gear collided with the snow berm at the approach end of the runway. A postflight inspection revealed substantial damage to the left wheel well bulkhead assembly. The pilot said that there were no preaccident mechanical anomalies with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's premature power reduction, which resulted in a runway undershoot.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained (Cause)
Personnel issues	Incorrect action performance - Pilot (Cause)
Environmental issues	Snowy/icy terrain - Contributed to outcome

Factual Information

History of Flight

Landing-flare/touchdown	Landing area undershoot (Defining event) Collision with terr/obj (non-CFIT)
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Pilot Information

Certificate:	Airline Transport	Age:	57, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last Medical Exam:	04/13/2011
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	30032 hours (Total, all aircraft), 1320 hours (Total, this make and model), 29892 hours (Pilot In Command, all aircraft), 208 hours (Last 90 days, all aircraft), 72 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BEECH	Registration:	N991AK
Model/Series:	99	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	U-28
Landing Gear Type:	Tricycle	Seats:	17
Date/Type of Last Inspection:	12/13/2011, Conditional	Certified Max Gross Wt.:	
Time Since Last Inspection:	44 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	36120 Hours	Engine Manufacturer:	P/W CANADA
ELT:	C91A installed, not activated	Engine Model/Series:	PT6
Registered Owner:	LAKE CLARK AIR INC	Rated Power:	550 hp
Operator:	LAKE CLARK AIR INC	Air Carrier Operating Certificate:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Observation Facility, Elevation:	PAMR, 137 ft msl	Observation Time:	1553 AST
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:		Temperature/Dew Point:	-3 °C / -6 °C
Lowest Ceiling:	Broken / 800 ft agl	Visibility	1 Miles
Wind Speed/Gusts, Direction:	4 knots/ 16 knots, 70°	Visibility (RVR):	
Altimeter Setting:	28.67 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	Light - Showers - Snow; Light - Fog; Blowing - Snow		
Departure Point:	Port Alsworth, AK (TPO)	Type of Flight Plan Filed:	VFR/IFR
Destination:	Anchorage, AK (PAMR)	Type of Clearance:	IFR; VFR
Departure Time:	1505 AST	Type of Airspace:	

Airport Information

Airport:	Merrill Field (PAMR)	Runway Surface Type:	Asphalt
Airport Elevation:	137 ft	Runway Surface Condition:	Dry; Snow
Runway Used:	07	IFR Approach:	None
Runway Length/Width:	4000 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	5 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	7 None		

Administrative Information

Investigator In Charge (IIC):	Clinton O Johnson	Adopted Date:	08/15/2012
Additional Participating Persons:	Stephen J Stewart; Federal Aviation Administration - Operations; Anchorage, AK		
Publish Date:	08/15/2012		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=82806		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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