



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lake Minchumina, AK	Accident Number:	ANC01LA081
Date & Time:	07/02/2001, 0850 AKD	Registration:	N401LC
Aircraft:	Lockheed L-382G	Injuries:	4 None
Flight Conducted Under:	Part 121: Air Carrier - Non-scheduled		

Analysis

The crew of the arriving cargo flight flew over the airport to inspect the runway conditions, and subsequently elected to use runway 20, a 4,200 feet long, 90 feet wide, gravel runway. The crew noted that the runway surface had a number of frost-heaves that had developed during the past winter. During the initial landing touchdown, the airplane "skipped" as the main wheels touched on the crest of one of the frost-heaves. The airplane became airborne, floated slightly, touched again about 750 feet beyond the approach end of the runway. During the second landing flare, the main landing gear wheels touched on the downhill side of a second frost-heave, which allowed the tail of the airplane to contact the gravel runway. The captain characterized the second touchdown as within acceptable limits, but with a slightly nose high attitude. A postflight inspection by the crew discovered a 4 feet by 2 feet puncture on the belly of the airplane, just forward of the main cargo door.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight crew's improper recovery from a bounced landing. Factors associated with the accident were the selection of an unsuitable landing area, and a rough/uneven landing surface.

Findings

Occurrence #1: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) TERRAIN CONDITION - ROUGH/UNEVEN
2. (F) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - FLIGHTCREW
3. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - FLIGHTCREW

Pilot Information

Certificate:	Airline Transport	Age:	37
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:	15000 hours (Total, all aircraft), 2200 hours (Total, this make and model), 11000 hours (Pilot In Command, all aircraft), 200 hours (Last 90 days, all aircraft), 70 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Co-Pilot Information

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

Flight Engineer Information

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

Other Flight Crew 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:	Lockheed	Registration:	N401LC
Model/Series:	L-382G	Engines:	4 Turbo Prop
Operator:	Lynden Air Cargo LLC	Engine Manufacturer:	Allison
Operating Certificate(s) Held:	Flag carrier (121); Supplemental	Engine Model/Series:	501-D22A
Flight Conducted Under:	Part 121: Air Carrier - Non-scheduled		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Weather Information Source:	Pilot
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	13°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Anchorage, AK (ANC)	Destination:	Lake Minchumina, AK (MHM)

Airport Information

Airport:	MINCHUMINA (MHM)	Runway Surface Type:	Gravel
Runway Used:	20	Runway Surface Condition:	Dry
Runway Length/Width:	4200 ft / 90 ft		

Wreckage and Impact Information

Crew Injuries:	4 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	63.866667, -152.301111		

Administrative Information

Investigator In Charge (IIC):	Clinton O Johnson	Adopted Date:	06/03/2002
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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