



National Transportation Safety Board Aviation Accident Factual Report

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

On July 2, 2001, about 0850 Alaska daylight time, a Lockheed L-382G airplane, N401LC, sustained substantial damage during landing at the Lake Minchumina Airport, Lake Minchumina, Alaska. The airplane was being operated as an instrument (IFR) cross-country cargo flight under Title 14 CFR Part 121, when the accident occurred. The airplane was registered to, and operated by Lynden Air Cargo LLC. The crew of the airplane, consisting of the captain, first officer, flight engineer, and a load master, were not injured. Visual meteorological conditions prevailed, and an IFR flight plan was filed. The flight originated at the Ted Stevens International Airport, Anchorage, Alaska, about 0800.

During a telephone conversation with the National Transportation Safety Board investigator-in-charge on July 2, the director of operations for the operator reported the airport has a gravel runway that is oriented on a 020/200 degree heading. He added that the captain flew over the airport to inspect the runway conditions, and subsequently elected to use runway 20. He said that the runway is 4,200 feet long, 90 feet wide, and that the gravel runway had a number of frost-heaves that have developed during the past winter. The director of operations said that the captain was making an approach to runway 20, and on initial touchdown the airplane "skipped" as the main wheels touched down on the crest of one of the frost-heaves. He said that the airplane became airborne, floated slightly, and then touched down 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. After touchdown, the captain lowered the nose of the airplane, brought the engines into reverse, and completed the landing. After landing rollout, the airplane was taxied to parking. 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.

Pilot Information

Certificate:	Airline Transport	Age:	37, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	01/31/2001
Occupational Pilot:		Last Flight Review or Equivalent:	01/31/2001
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):		Seat Occupied:	
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):		Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:			

Flight Engineer Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):		Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:			

Other Flight Crew Information

Certificate:	Age:
Airplane Rating(s):	Seat Occupied:
Other Aircraft Rating(s):	Restraint Used:
Instrument Rating(s):	Second Pilot Present: Yes
Instructor Rating(s):	Toxicology Performed:
Medical Certification:	Last FAA Medical Exam:
Occupational Pilot:	Last Flight Review or Equivalent:
Flight Time:	

Aircraft and Owner/Operator Information

Aircraft Make:	Lockheed	Registration:	N401LC
Model/Series:	L-382G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	4606
Landing Gear Type:	Retractable - Tricycle	Seats:	7
Date/Type of Last Inspection:	04/10/2001, Continuous Airworthiness	Certified Max Gross Wt.:	155800 lbs
Time Since Last Inspection:	285.7 Hours	Engines:	4 Turbo Prop
Airframe Total Time:	31652.8 Hours at time of accident	Engine Manufacturer:	Allison
ELT:	Installed, not activated	Engine Model/Series:	501-D22A
Registered Owner:	Lynden Air Cargo LLC	Rated Power:	4368 hp
Operator:	Lynden Air Cargo LLC	Operating Certificate(s) Held:	Flag carrier (121); Supplemental
Operator Does Business As:		Operator Designator Code:	LR7A

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.15 inches Hg	Temperature/Dew Point:	13° C / 8° C
Precipitation and Obscuration:			
Departure Point:	Anchorage, AK (ANC)	Type of Flight Plan Filed:	IFR
Destination:	Lake Minchumina, AK (MHM)	Type of Clearance:	IFR
Departure Time:	0800 ADT	Type of Airspace:	Class D

Airport Information

Airport:	MINCHUMINA (MHM)	Runway Surface Type:	Gravel
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	20	IFR Approach:	None
Runway Length/Width:	4200 ft / 90 ft	VFR Approach/Landing:	Full Stop

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
Total Injuries:	4 None	Latitude, Longitude:	63.866667, -152.301111

Administrative Information

Investigator In Charge (IIC):	Clinton O Johnson
Additional Participating Persons:	Clint F Wease; Federal Aviation Administration; Anchorage, AK
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/ .