



National Transportation Safety Board Aviation Accident Final Report

Location:	SHAGELUK, AK	Accident Number:	ANC87LA069
Date & Time:	05/13/1987, 1900 AKD	Registration:	N8504X
Aircraft:	FAIRCHILD C-119L	Aircraft Damage:	Substantial
Defining Event:		Injuries:	5 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE AIRPLANE WAS DESTABILIZED BY A SLIGHT VERTICAL AIR MOVEMENT ON APPROACH. THE PILOT TOUCHED THE AIRPLANE DOWN SHORT OF THE RUNWAY PROPER, COLLAPSING THE LANDING GEAR BEFORE SLIDING OFF THE STRIP INTO ADJACENT TUNDRA.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) WEATHER CONDITION - DOWNDRAFT
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) GO-AROUND - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD
5. LANDING GEAR,MAIN GEAR - FAILURE,TOTAL

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	43, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; 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):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last Medical Exam:	04/13/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	14500 hours (Total, all aircraft), 36 hours (Total, this make and model), 10275 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	FAIRCHILD	Registration:	N8504X
Model/Series:	C-119L C-119L	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	245
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	04/22/1987, Continuous Airworthiness	Certified Max Gross Wt.:	72500 lbs
Time Since Last Inspection:	40 Hours	Engines:	2 Reciprocating
Airframe Total Time:	7982 Hours	Engine Manufacturer:	Curtis Wright
ELT:	Installed, not activated	Engine Model/Series:	R-3350-89B
Registered Owner:	NORTHERN PACIFIC TRANSPORT, INC	Rated Power:	3500 hp
Operator:	ALASKA AIRCRAFT LEASING	Air Carrier Operating Certificate:	None
Operator Does Business As:	WICK CONSTRUCTION CO.	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Observation Time:	0000
Distance from Accident Site:	0 Nautical Miles	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Temperature/Dew Point:	10° C / -18° C
Lowest Ceiling:	None / 0 ft agl	Visibility	60 Miles
Wind Speed/Gusts, Direction:	10 knots, 270°	Visibility (RVR):	0 ft
Altimeter Setting:		Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	ANCHORAGE, AK (ANC)	Type of Flight Plan Filed:	None
Destination:	SHAGELUK, AK (SHX)	Type of Clearance:	None
Departure Time:	1700 ADT	Type of Airspace:	Class G

Airport Information

Airport:	SHAGELUK (SHX)	Runway Surface Type:	Gravel
Airport Elevation:	70 ft	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	2500 ft / 35 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	5 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	MARC STELLA	Adopted Date:	07/05/1988
Additional Participating Persons:	ROBERT E CHRISTENSEN; ANCHORAGE, AK ERNEST KEENER; ANCHORAGE, AK		
Publish Date:			
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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