



National Transportation Safety Board Aviation Accident Data Summary

Location:	CHANDALAR LAKE, AK	Accident Number:	ANC84LA156
Date & Time:	09/01/1984, 1700 AKD	Registration:	N5023P
Aircraft:	PIPER PA-24-180	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT STATED THAT DURING THE TAKEOFF ROLL APRX 1/2 WAY DOWN THE GRAVEL STRIP, THE ACFT WENT INTO BRUSH OFF THE SIDE OF THE RWY. THERE WERE NO REPORTED MECHANICAL MALFUNCTIONS.

Probable Cause

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

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - UPHILL

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

4. TERRAIN CONDITION - ROUGH/UNEVEN

Occurrence #3: COMPLETE GEAR COLLAPSED

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. LANDING GEAR, NOSE GEAR - OVERLOAD
6. LANDING GEAR, MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Private	Age:	71
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2000 hours (Total, all aircraft), 2000 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N5023P
Model/Series:	PA-24-180 PA-24-180	Engines:	1 Reciprocating
Operator:	HOWARD CHARLES SPARKS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A1A
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:	WCR, 1920 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	11 knots / 11 knots, 110°
Temperature:	11 °C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	CHANDALAR LAKE, AK (WCR)	Destination:	FAIRBANKS, AK (FAI)

Airport Information

Airport:	CHANDELAR LAKE (WCR)	Runway Surface Type:	Gravel
Runway Used:	3	Runway Surface Condition:	Dry
Runway Length/Width:	4500 ft / 80 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	MARC	STELLA	Adopted 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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