



Aviation Investigation Final Report

Location:	ANCHORAGE, Alaska	Accident Number:	ANC91LA004
Date & Time:	October 10, 1990, 10:12 Local	Registration:	N3330D
Aircraft:	CESSNA 180	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

THE PILOT MADE A PRECAUTIONARY LANDING TO SECURE THE CABIN DOOR. AFTER LANDING, THE AIRPLANE GROUNDLOOPED DURING A HIGH SPEED RIGHT TURN OFF THE RUNWAY ONTO THE TAXIWAY. THE RIGHT PILOT'S LEFT BRAKE PEDAL WAS 'SPONGY', WHILE THE OTHER BRAKES SEEMED NORMAL. AFTER THE ACCIDENT, AIR WAS BLED FROM THE LEFT BRAKE CYLINDER. ON THE PREVIOUS DAY, THE FLOATS HAD BEEN REMOVED FROM THE AIRPLANE AND WHEELS REINSTALLED. THIS WAS THE PILOT'S FIRST LANDING WITH THE AIRPLANE USING THE RIGHT SET OF BRAKES AFTER REINSTALLATION OF THE WHEELS.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL. CONTRIBUTING TO THE ACCIDENT WAS THE EXCESSIVE TAXI SPEED AND INADEQUATE MAINTENANCE ON THE BRAKES BY THE PILOT.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

2. (F) TAXISPEED - EXCESSIVE - PILOT IN COMMAND
3. (F) MAINTENANCE,INSTALLATION - IMPROPER - PILOT IN COMMAND

Occurrence #2: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Airline transport; Commercial; Flight instructor	Age:	44, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	June 7, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	6500 hours (Total, all aircraft), 400 hours (Total, this make and model), 6300 hours (Pilot In Command, all aircraft), 150 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3330D
Model/Series:	180 180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	32128
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	2350 lbs
Time Since Last Inspection:	0 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-J
Registered Owner:		Rated Power:	225 Horsepower
Operator:	BRISTOL BAY LODGE	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	MRI ,136 ft msl	Distance from Accident Site:	
Observation Time:	10:19 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Unknown	Visibility	35 miles
Lowest Ceiling:	Broken / 3500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	4°C / -2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ANCHORAGE , AK (LHD)	Type of Flight Plan Filed:	VFR
Destination:	NORTHWAY , AK (ORT)	Type of Clearance:	None
Departure Time:	09:45 Local	Type of Airspace:	

Airport Information

Airport:	MERRILL FIELD MRI	Runway Surface Type:	Asphalt
Airport Elevation:	136 ft msl	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	4000 ft / 100 ft	VFR Approach/Landing:	Full stop;Precautionary landing

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	61.220748,-149.850402(est)

Administrative Information

Investigator In Charge (IIC):	Daw, Roy
Additional Participating Persons:	GERALD ACORD;
Original Publish Date:	December 8, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=5502

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