Aviation Investigation Final Report

Location:	BARROW, Alaska	**Accident Number:**	ANC83LA129
Date & Time:	July 24, 1983, 16:30 Local	**Registration:**	N6439X
Aircraft:	CESSNA C-180D	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	3 Serious, 2 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT STATED THAT HE WAS TAXIING DOWNRIVER, DOWNWIND IN ORDER TO GET AROUND TWO BENDS IN THE RIVER TO A STRAIGHT SECTION WHERE A TAKEOFF COULD BE MADE. THE LEFT FLOAT OF THE AIRCRAFT STRUCK A SANDBAR, CAUSING THE AIRCRAFT TO ROLL END OVER END.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAXI - TO TAKEOFF

Findings
1. (F) TERRAIN CONDITION - SAND BAR
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
3. (C) PREFLIGHT PLANNING/PREPARATION - POOR - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	**Age:**	29,Male
Airplane Rating(s):	Single-engine land; Single-engine sea	**Seat Occupied:**	Left
Other Aircraft Rating(s):		**Restraint Used:**	
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):		**Toxicology Performed:**	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	**Last FAA Medical Exam:**	
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	
Flight Time:	400 hours (Total, all aircraft), 200 hours (Total, this make and model), 380 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	**Registration:**	N6439X
Model/Series:	C-180D C-180D	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	
Landing Gear Type:	Float	**Seats:**	4
Date/Type of Last Inspection:	September 9, 1982 Annual	**Certified Max Gross Wt.:**	2650 lbs
Time Since Last Inspection:	200 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	2500 Hrs	**Engine Manufacturer:**	CONTINENTAL
ELT:	Installed, activated	**Engine Model/Series:**	O-470-L
Registered Owner:	RICHARD H. COFFIN	**Rated Power:**	230 Horsepower
Operator:		**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:	BRW ,40 ft msl	**Distance from Accident Site:**	60 Nautical Miles
Observation Time:	15:58 Local	**Direction from Accident Site:**	303°
Lowest Cloud Condition:	Scattered / 4000 ft AGL	**Visibility**	15 miles
Lowest Ceiling:	Broken / 20000 ft AGL	**Visibility (RVR):**	
Wind Speed/Gusts:	10 knots /	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	60°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	29 inches Hg	**Temperature/Dew Point:**	13°C / 7°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		**Type of Flight Plan Filed:**	VFR
Destination:	BARROW , AK (BRW)	**Type of Clearance:**	None
Departure Time:	16:30 Local	**Type of Airspace:**	Class G

Airport Information

Airport:	BARROW BRW	**Runway Surface Type:**	Water
Airport Elevation:	30 ft msl	**Runway Surface Condition:**	Water-calm
Runway Used:	0	**IFR Approach:**	None
Runway Length/Width:		**VFR Approach/Landing:**	None

Wreckage and Impact Information

Crew Injuries:	1 Minor	**Aircraft Damage:**	Substantial
Passenger Injuries:	3 Serious, 1 Minor	**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	3 Serious, 2 Minor	**Latitude, Longitude:**	71.279403,-156.780685(est)

Administrative Information

Investigator In Charge (IIC):	Mickle, Ronald
Additional Participating Persons:	
Original Publish Date:	
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=4146