Aviation Investigation Final Report

Location:	BARROW, Alaska	**Accident Number:**	ANC85LA131
Date & Time:	July 13, 1985, 15:58 Local	**Registration:**	N9164T
Aircraft:	CESSNA 180	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PLT REPORTED THAT WHEN HE RETURNED TO THE ARPT, HE MADE A 3-POINT LANDING IN GUSTY X-WIND CONDITIONS. REPORTEDLY, THE ACFT THEN GROUND LOOPED & WAS DAMAGED. AT 1534 ADT, THE WIND AT BARROW WAS FROM 050 DEG AT 13 GUSTING 18 KTS.

Probable Cause and Findings

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: LANDING - FLARE/TOUCHDOWN

Findings
1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (F) WEATHER CONDITION - CROSSWIND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - UNCONTROLLED
5. LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	**Age:**	27,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	None	**Restraint Used:**	
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	No
Medical Certification:	None Valid Medical--no waivers/lim.	**Last FAA Medical Exam:**	March 7, 1985
Occupational Pilot:	UNK	**Last Flight Review or Equivalent:**	
Flight Time:	118 hours (Total, all aircraft), 58 hours (Total, this make and model), 58 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	**Registration:**	N9164T
Model/Series:	180 180	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	50664
Landing Gear Type:	Tailwheel	**Seats:**	4
Date/Type of Last Inspection:	Annual	**Certified Max Gross Wt.:**	3650 lbs
Time Since Last Inspection:	57 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	2500 Hrs	**Engine Manufacturer:**	CONTINENTAL
ELT:	Installed, not activated	**Engine Model/Series:**	O-470-L
Registered Owner:	MICHAEL R. KLAWIITTER	**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 ,44 ft msl	**Distance from Accident Site:**	
Observation Time:	15:34 Local	**Direction from Accident Site:**	360°
Lowest Cloud Condition:	Scattered / 800 ft AGL	**Visibility**	10 miles
Lowest Ceiling:	Broken / 20000 ft AGL	**Visibility (RVR):**	
Wind Speed/Gusts:	13 knots / 18 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	0°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30 inches Hg	**Temperature/Dew Point:**	3°C / -18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	BARROW , AK (BRW)	**Type of Flight Plan Filed:**	VFR
Destination:		**Type of Clearance:**	VFR
Departure Time:	11:03 Local	**Type of Airspace:**	

Airport Information

Airport:	BARROW BRW	**Runway Surface Type:**	Asphalt
Airport Elevation:	44 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	6	**IFR Approach:**	None
Runway Length/Width:	6500 ft / 150 ft	**VFR Approach/Landing:**	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:		**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 None	**Latitude, Longitude:**	71.280517,-156.780273(est)

Administrative Information

Investigator In Charge (IIC):	Roy, Daw
Additional Participating Persons:	MURRAY M SHAIN; FAIRBANKS , AK DIXIE J NORTON; FAIRBANKS , AK
Original Publish Date:	
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=4527