



Aviation Investigation Final Report

Location:	ALEXANDER LAKE, Alaska	Accident Number:	ANC90FA040
Date & Time:	March 19, 1990, 21:15 Local	Registration:	N3386L
Aircraft:	CESSNA A185E	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE ENG LOST POWER SHORTLY AFTER THE PLT BEGAN A DSCNT. SUBSEQUENTLY, THE ACFT COLLIDED WITH TREES DURING AN EMERGENCY LANDING AT NIGHT. NO REASON WAS VERIFIED FOR THE LOSS OF POWER, THOUGH THE POSSIBILITY OF ICE IN THE FUEL SYSTEM WAS CONSIDERED. THE TEMP & DEW POINT WERE 8 DEG & ZERO DEG, RESPECTIVE, WHICH WAS NOT CONDUCTIVE FOR CARB ICE. THE ACFT WAS FURTHER DAMAGED AFTER THE ACDNT, WHEN IT STARTED TO SWING WILDLY DURING A HELICOPTER SLING OPN & HAD TO BE RELEASED FROM ABOUT 300 FT AGL.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: LOSS OF ENGINE POWER FOR AN UNKNOWN REASON. FACTORS RELATED TO THE ACCIDENT WERE: DARKNESS AND TREES IN THE EMERGENCY LANDING AREA.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: DESCENT

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. (F) LIGHT CONDITION - DARK NIGHT

3. (F) OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Airline transport	Age:	34, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Unknown	Last FAA Medical Exam:	October 3, 1989
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	5063 hours (Total, all aircraft), 175 hours (Total, this make and model), 3814 hours (Pilot In Command, all aircraft), 74 hours (Last 90 days, all aircraft), 57 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3386L
Model/Series:	A185E A185E	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	185-1338
Landing Gear Type:	Ski/wheel	Seats:	4
Date/Type of Last Inspection:	June 12, 1989 Annual	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:	135 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3377 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	IO-520-D
Registered Owner:	DAVID A. ALBORN	Rated Power:	300 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:	Night/dark
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots / 6 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	30°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-13°C / -18°C
Precipitation and Obscuration:	N/A - None - Haze		
Departure Point:	UNALAKLEET , AK	Type of Flight Plan Filed:	None
Destination:	ANCHORAGE , AK (ANC)	Type of Clearance:	None
Departure Time:	17:50 Local	Type of Airspace:	Class G

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	55.919403,-159.489715(est)

Administrative Information

Investigator In Charge (IIC):	Daw, Roy
Additional Participating Persons:	HARRY GILSON; ANCHORAGE , AK
Original Publish Date:	September 30, 1991
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=5285

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