



Aviation Investigation Final Report

Location:	100MI S.KNG SLM, Alaska	Accident Number:	ANC87LA162
Date & Time:	September 19, 1987, 10:40 Local	Registration:	N756TT
Aircraft:	CESSNA 206G	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

THE AIRCRAFT EXPERIENCED AN ENGINE POWER LOSS WHILE IN CRUISE FLIGHT AND SUBSEQUENTLY UNDERSHOT A LAKE DURING THE EMERGENCY LANDING. EXAMINATION OF THE ENGINE REVEALED THE NUMBER 2 BEARING WAS FOUND COMPLETELY DISINTEGRATED AND MISSING FROM ITS SEAT. EVIDENCE OF HIGH TEMPERATURE AND LACK OF OIL LUBRICATION.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) ENGINE ASSEMBLY, BEARING - BURNED
2. (C) ENGINE ASSEMBLY, BEARING - DETERIORATED
3. (C) FLUID, OIL - STARVATION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: UNDERSHOOT
Phase of Operation: LANDING

Findings

4. (F) DISTANCE - MISJUDGED - PILOT IN COMMAND

Occurrence #4: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

5. TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

Certificate:	Airline transport; Commercial; Flight instructor	Age:	59, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	January 15, 1987
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	13535 hours (Total, all aircraft), 3750 hours (Total, this make and model), 13410 hours (Pilot In Command, all aircraft), 325 hours (Last 90 days, all aircraft), 120 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N756TT
Model/Series:	206G 206G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U20604350
Landing Gear Type:	Amphibian	Seats:	6
Date/Type of Last Inspection:	February 18, 1987 100 hour	Certified Max Gross Wt.:	3500 lbs
Time Since Last Inspection:	46 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2435 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-520-F
Registered Owner:	SEA HAWK INC.	Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	On-demand air taxi (135)
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:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	30 miles
Lowest Ceiling:	Overcast / 1500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	10°C / 5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	KODIAK , AK (9Z3)	Type of Flight Plan Filed:	None
Destination:	PORT HEIDEN , AK (PTH)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	Class G

Airport Information

Airport:		Runway Surface Type:	Dirt;Grass/turf
Airport Elevation:	0 ft msl	Runway Surface Condition:	Rough;Soft
Runway Used:	0	IFR Approach:	None
Runway Length/Width:	0 ft / 0 ft	VFR Approach/Landing:	Forced landing;Straight-in

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:	

Administrative Information

Investigator In Charge (IIC):	Kobelnyk, George
Additional Participating Persons:	HARRY GILSON; ANCHORAGE , AK
Original Publish Date:	October 6, 1988
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=4924

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