



National Transportation Safety Board Aviation Accident Final Report

Location:	ANCHORAGE, AK	Accident Number:	ANC88FA062
Date & Time:	05/20/1988, 2121 AKD	Registration:	N1435Z
Aircraft:	DE HAVILLAND DHC-2	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE AIRPLANE HAD UNDERGONE EXTENSIVE MAINTENANCE WHICH INCLUDED WORK ON THE CONTROL COLUMN. THE UPPER HALF OF THE CONTROL COLUMN WAS REPLACED WITH A THROW-OVER YOKE AND THE AILERON SYSTEM WAS RERIGGED. THE PILOT-IN-COMMAND PICKED UP THE AIRPLANE AFTER IT WAS TIED DOWN OUTSIDE FOR THREE MONTHS. ACCORDING TO A WITNESS, THE AIRPLANE LIFTED OFF THE WATER AND STARTED A LEFT BANK WHICH INCREASED UNTIL THE AIRPLANE STRUCK THE GROUND. POST ACCIDENT EXAMINATION REVEALED THE CONTROL CABLES AT THE BASE OF THE CONTROL COLUMN OPERATED IN REVERSE OF THE DESCRIPTION IN THE MAINTENANCE MANUAL. COMPLETE CONTROL CONTINUITY COULD NOT BE CONCLUDED BECAUSE OF THE EXTENSIVE POST IMPACT FIRE WHICH DESTROYED THE OVERHEAD BELLCRANK, PULLEY, AND INTERCONNECT SYSTEM.

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 - IN FLIGHT

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) FLT CONTROL SYST,AILERON CONTROL - INCORRECT
2. (C) MAINTENANCE,MAJOR REPAIR - IMPROPER - OTHER MAINTENANCE PERSONNEL
3. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	47, Male
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/18/1988
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3000 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DE HAVILLAND	Registration:	N1435Z
Model/Series:	DHC-2 DHC-2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	1252
Landing Gear Type:	Float	Seats:	8
Date/Type of Last Inspection:	04/19/1988, Annual	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	12737 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	R-985-39
Registered Owner:	MARTIN L. SLISCO	Rated Power:	450 hp
Operator:	MARTIN L. SLISCO	Operating Certificate(s) Held:	None
Operator Does Business As:	ANGLERS ISLAND LODGE, INC.	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ANC, 71 ft msl	Distance from Accident Site:	5 Nautical Miles
Observation Time:	2052 ADT	Direction from Accident Site:	240°
Lowest Cloud Condition:	Thin Broken / 20000 ft agl	Visibility	90 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	9° C / 1° C
Precipitation and Obscuration:			
Departure Point:	ANCHORAGE, AK (LHD)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	2121 ADT	Type of Airspace:	Class D; Class E

Airport Information

Airport:	LAKE HOOD SEAPLANE (LHD)	Runway Surface Type:	Water
Airport Elevation:	71 ft	Runway Surface Condition:	Water--calm
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	4540 ft / 188 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	GEORGE KOBELNYK	Report Date:	10/03/1989
Additional Participating Persons:			
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).