



Aviation Investigation Final Report

Location:	KETCHIKAN, Alaska	Accident Number:	SEA89LA024
Date & Time:	December 6, 1988, 15:36 Local	Registration:	N46602
Aircraft:	CESSNA 180J	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT HAD PLANNED TO TAXI THE FLOATPLANE FROM ONE RAMP TO ANOTHER FOR THE PURPOSE OF OBTAINING AN ANNUAL INPN & TO DOCK THE PLANE AT BETTER FACILITIES. SHE FOUND THE FLOAT RUDDER PULLEY TO BE INOPERATIVE. A DECISION WAS THEN MADE TO FLY THE PLANE FROM ITS ORIGINAL RAMP TO THE NEW LOCATION. DURING A TURN TO REVERSE DIRECTION AT ABOUT 150 TO 200 FT AGL, THE AIRCRAFT 'QUIT FLYING' & DESCENDED TO THE WATER.

Probable Cause and Findings

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

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: TAXI

Findings

1. FLIGHT CONTROL, RUDDER VATOR ATTACHMENT - INOPERATIVE
2. OPERATION WITH KNOWN DEFICIENCIES IN EQUIPMENT - PERFORMED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

3. MANEUVER - INITIATED
4. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
5. (C) STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	Age:	33,Female
Airplane Rating(s):	Single-engine land; Single-engine sea	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:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	March 28, 1988
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	223 hours (Total, all aircraft), 134 hours (Total, this make and model), 162 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N46602
Model/Series:	180J 180J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18052429
Landing Gear Type:	Float	Seats:	4
Date/Type of Last Inspection:	April 1, 1988 Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:	102 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-R25
Registered Owner:	WHITE CONSTRUCTION, INC	Rated Power:	230 Horsepower
Operator:	DEBBIE S. WHITE	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:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Unknown	Visibility	15 miles
Lowest Ceiling:	Overcast / 1500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	15:30 Local	Type of Airspace:	Class D

Airport Information

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

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:	

Administrative Information

Investigator In Charge (IIC):	Carrera, Candace
Additional Participating Persons:	CHUCK KELLEY; JUNEAU , AK
Original Publish Date:	November 28, 1989
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=40961

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