



Aviation Investigation Final Report

Location:	SILVERDALE, Washington	Accident Number:	SEA88LA082
Date & Time:	December 10, 1987, 11:00 Local	Registration:	N4953Z
Aircraft:	CESSNA TU206G	Aircraft Damage:	Substantial
Defining Event:		Injuries:	5 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

WHILE ON THE LNDG ROLL WITH A QTRG HDWND, THE ACFT ENCTRD A GUST WHICH PUSHED IT TO THE LEFT. THE PLT SAID HE APPLIED FULL RGT AILERON, BUT IT HAD NO EFFECT. AS THE ACFT WAS 'BEING BLOWN' TOWARD TREES, THE PLT APPLIED FULL RGT BRAKE. HE SAID THE LEFT WING TIP SWUNG FORWARD & DOWNWARD & HIT THE GROUND, THEN THE ACFT ROCKED FORWARD. THE LEFT WING, PROP & NOSE GEAR WERE DAMAGED DRG THE OCCURRENCE. THE PLT ESTD THE WIND WAS FROM THE SSW AT 10 GSTG 35 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 - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
 2. (F) WEATHER CONDITION - GUSTS
 3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
 4. GROUND LOOP/SWERVE - UNCONTROLLED
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	34, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	April 1, 1987
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	1430 hours (Total, all aircraft), 11 hours (Total, this make and model), 1275 hours (Pilot In Command, all aircraft), 210 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4953Z
Model/Series:	TU206G TU206G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	620606057
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	September 15, 1987 100 hour	Certified Max Gross Wt.:	3300 lbs
Time Since Last Inspection:	35 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1719 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	IO-520-F
Registered Owner:	RON COSGRAVE	Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	
Operator Does Business As:	GALVINS' FLYING SERVICE	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	20 miles
Lowest Ceiling:	Overcast / 4500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SEATTLE , WA (BFI)	Type of Flight Plan Filed:	VFR
Destination:	SILVERDALE , WA (S42)	Type of Clearance:	None
Departure Time:	10:40 Local	Type of Airspace:	Class G

Airport Information

Airport:	APEX S42	Runway Surface Type:	Asphalt
Airport Elevation:	525 ft msl	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	2500 ft / 28 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	5 None	Latitude, Longitude:	47.669231,-122.720176(est)

Administrative Information

Investigator In Charge (IIC):	Carrera, Candace
Additional Participating Persons:	DAVE LEHMAN; SEATTLE , WA
Original Publish Date:	March 31, 1989
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=40807

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