



# Aviation Investigation Final Report

<b>Location:</b>	CHELAN, Washington	<b>Accident Number:</b>	SEA83LA183
<b>Date &amp; Time:</b>	August 26, 1983, 16:35 Local	<b>Registration:</b>	N9450B
<b>Aircraft:</b>	CESSNA 175	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE ACFT STALLED INTO AN APPLE ORCHARD DURING AN ATTEMPTED GO-AROUND. THE PLT SAID HE WAS BEING PUSHED BY A CROSSWIND AND DURING THE INITIAL FLARE WAS UNABLE TO CORRECT SO HE DECIDED TO GO-AROUND. DURING GO-AROUND THE ACFT WAS TO THE LEFT OF THE RWY. THE PLT ATTEMPTED TO CLEAR APPLE BINS, ENTERED A STALL AND CRASHED INTO THE APPLE ORCHARD.

## 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: GO-AROUND (VFR)

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND
3. (C) TOTAL - PILOT IN COMMAND
4. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
5. (C) THROTTLE/POWER CONTROL - IMPROPER USE OF - PILOT IN COMMAND
6. (C) GO-AROUND - DELAYED - PILOT IN COMMAND
7. (C) STALL - UNCONTROLLED - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: GO-AROUND (VFR)

Findings

8. (F) OBJECT - TREE(S)

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	29, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	August 19, 1983
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	158 hours (Total, all aircraft), 38 hours (Total, this make and model), 53 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N9450B
<b>Model/Series:</b>	175 175	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	55250
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	August 5, 1982 100 hour	<b>Certified Max Gross Wt.:</b>	2450 lbs
<b>Time Since Last Inspection:</b>	76 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2459 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated	<b>Engine Model/Series:</b>	GO-300-C
<b>Registered Owner:</b>	BRUCE A. BURK	<b>Rated Power:</b>	175 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Dusk
<b>Observation Facility, Elevation:</b>	EAT ,1245 ft msl	<b>Distance from Accident Site:</b>	30 Nautical Miles
<b>Observation Time:</b>	15:55 Local	<b>Direction from Accident Site:</b>	360°
<b>Lowest Cloud Condition:</b>	14000 ft AGL	<b>Visibility</b>	30 miles
<b>Lowest Ceiling:</b>	Broken / 21000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	7 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	290°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	27°C / 11°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	OMAK , WA (OMK )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	CHELAN , WA (S10 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	CHELAN MUNICIPAL S10	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1260 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	20	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3650 ft / 50 ft	<b>VFR Approach/Landing:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	47.889259,-119.989257(est)

## Administrative Information

**Investigator In Charge (IIC):** Carrera, Candace

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=39758>

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