



Aviation Investigation Final Report

Location:	RENO, Nevada	Accident Number:	SEA87LA073
Date & Time:	April 4, 1987, 11:30 Local	Registration:	N71068
Aircraft:	CESSNA TU206-F	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Minor, 1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

WHILE ON BASE LEG A LOSS OF POWER OCCURRED. THE STUDENT PILOT SELECTED RIGHT FUEL TANK AND APPLIED THE FUEL BOOST PUMP. A RESTART WAS NOT SUCCESSFUL. THE INSTRUCTOR PILOT THEN TOOK THE CONTROLS OF THE AIRCRAFT. HE SELECTED A ROAD TO LAND ON BECAUSE THERE WAS INSUFFICIENT ALTITUDE TO REACH THE RUNWAY. SHORTLY AFTER TOUCHDOWN THE NOSE GEAR STRUCK A BERM WHICH SHEARED THE NOSE GEAR. THE AIRCRAFT THEN NOSED OVER INVERTED. EXAMINATION OF THE AIRCRAFT REVEALED NO ABNORMALITIES. NO USABLE FUEL REMAINED IN THE RIGHT FUEL TANK. ABOUT 20 GALLONS OF FUEL WAS PRESENT IN THE LEFT FUEL TANK. THE ENGINE WAS TEST RUN SATISFACTORILY.

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
Phase of Operation: APPROACH - VFR PATTERN - BASE LEG/BASE TO FINAL

Findings

1. (C) FUEL TANK SELECTOR POSITION - IMPROPER - DUAL STUDENT
2. (C) MANEUVER - PERFORMED - DUAL STUDENT

3. (C) EMERGENCY PROCEDURE - IMPROPER - DUAL STUDENT

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Findings

4. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

5. LANDING GEAR,NOSE GEAR - OVERLOAD

6. LANDING GEAR,NOSE GEAR - FAILURE,TOTAL

Occurrence #4: NOSE OVER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Factual Information

Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	47, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	March 6, 1987
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	14083 hours (Total, all aircraft), 16 hours (Total, this make and model), 10000 hours (Pilot In Command, all aircraft), 310 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N71068
Model/Series:	TU206-F TU206-F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U20602119
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	April 11, 1986 100 hour	Certified Max Gross Wt.:	3500 lbs
Time Since Last Inspection:	24 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1193 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	TSIO-520-C
Registered Owner:	JOHN SCHAFHAUSEN	Rated Power:	285 Horsepower
Operator:		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:	Clear	Visibility	40 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SPOKANE , WA (GEG)	Type of Flight Plan Filed:	VFR
Destination:	RENO , NV (RNO)	Type of Clearance:	None
Departure Time:	07:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	RENO/STEAD 4SD	Runway Surface Type:	Asphalt
Airport Elevation:	5046 ft msl	Runway Surface Condition:	Dry
Runway Used:	8	IFR Approach:	None
Runway Length/Width:	7600 ft / 150 ft	VFR Approach/Landing:	Forced landing;Full stop

Wreckage and Impact Information

Crew Injuries:	2 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor, 1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC): Carrera, Candace
Additional Participating Persons: RON STEELE; RENO , NV

Original Publish Date: July 5, 1988

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=40605>

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