



National Transportation Safety Board Aviation Accident Final Report

Location:	AUSTIN, TX	Accident Number:	FTW89LA035
Date & Time:	01/01/1989, 1710 CST	Registration:	N66385
Aircraft:	CESSNA 150	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT WAS RETURNING FROM A CROSS-COUNTRY FLIGHT WHEN THE ENGINE STOPPED PRODUCING POWER. DURING THE FORCED LANDING, THE AIRPLANE STRUCK WIRES, THEN THE TERRAIN. THE FUEL SYSTEM WAS CHECKED, AND NO BREAKS WERE FOUND. THERE WAS LITTLE OR NO FUEL LEFT IN THE TANKS. THE ENGINES RAN NORMALLY ON ANOTHER AIRPLANE.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT DID NOT HAVE AN ADEQUATE FUEL SUPPLY TO COMPLETE THE FLIGHT. THE PLTS FLT PLANNING WAS INADEQUATE AND THE IGNORED OPPORTUNITIES TO OBTAIN FUEL ENROUTE LED TO FUEL EXHAUSTION, PRIOR TO REACHING DESTINATION.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
2. (C) FLUID,FUEL - EXHAUSTION
3. (C) REFUELING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

4. (F) OBJECT - WIRE, TRANSMISSION

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - EMERGENCY

Findings

5. (F) TERRAIN CONDITION - ROADWAY/HIGHWAY

Factual Information

Pilot Information

Certificate:	Private	Age:	41, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
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:	05/31/1988
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	77 hours (Total, all aircraft), 24 hours (Total, this make and model), 34 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N66385
Model/Series:	150 150	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	15076009
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	O-200-A
Registered Owner:	GLORIS, ROBERT J.	Rated Power:	100 hp
Operator:	GLORIS, ROBERT J.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	Overcast / 3100 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	16 °C
Precipitation and Obscuration:			
Departure Point:	LIVINGSTON, TX (00R)	Type of Flight Plan Filed:	None
Destination:	(AUS)	Type of Clearance:	None
Departure Time:	1530 CST	Type of Airspace:	Class D

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	EUGENE ROTH	Report Date:	09/28/1990
Additional Participating Persons:	DAVE WAGNER; SAN ANTONIO, TX		
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).