



National Transportation Safety Board Aviation Accident Factual Report

Location:	LAMPASAS, TX	Accident Number:	FTW93LA202
Date & Time:	07/01/1993, 2015 CDT	Registration:	N2446U
Aircraft:	CESSNA 172D	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

On July 1, 1993, at approximately 2015 central daylight time, a Cessna 172D, N2446U, was substantially damaged upon impact with trees and the ground following a loss of engine power while in cruise flight near Lampasas, Texas. The private pilot and his passenger sustained minor injuries. Visual meteorological conditions prevailed for the personal flight.

According to the pilot, he decided to take the airplane for a short flight in the local area knowing that he had not refueled since his last two flight totalling approximately three hours. The pilot added that about five minutes into the flight, a partial loss of engine power was experienced and he proceeded to bank the airplane to the left to head towards an open field, when the engine lost all power. He further stated that due to the strong surface winds he elected to turn the airplane into the wind to execute the forced landing. The airplane landed in a small field and ran into trees.

The pilot stated that his preflight of the fuel system was limited to checking the fuel level on the airplane's fuel gauges. Post accident examination of the fuel cells by the pilot revealed that fuel in either fuel cell was between half a gallon, to a gallon of fuel.

Damage to the airplane included a damaged right wing spar, a collapsed nose wheel, a buckled engine firewall, and a destroyed right wing aileron.

The airplane was released to the owner at the accident site.

Pilot Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
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:	08/22/1991
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3100 hours (Total, all aircraft), 110 hours (Total, this make and model), 2800 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2446U
Model/Series:	172D 172D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	172250046
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	04/01/1993, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	8 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3954 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-300-D
Registered Owner:	BOWDEN, GLENNA F.	Rated Power:	145 hp
Operator:	BOWDEN, GLENNA F.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GRK, 1015 ft msl	Distance from Accident Site:	25 Nautical Miles
Observation Time:	2055 CDT	Direction from Accident Site:	60°
Lowest Cloud Condition:	Scattered / 5000 ft agl	Visibility	7 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	13 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	29° C / 20° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0800 CDT	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	HECTOR R CASANOVA
Additional Participating Persons:	ROBERT P ANDERSON; SAN ANTONIO, TX
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .