



National Transportation Safety Board Aviation Accident Final Report

Location:	PANAMA CITY, FL	Accident Number:	MIA87FA041
Date & Time:	12/01/1986, 1924 CST	Registration:	N1FD
Aircraft:	CESSNA 320	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious

Flight Conducted Under: Part 91: General Aviation - Business

Analysis

WHILE EXECUTING AN ILS APPROACH WITH AIRCRAFT RADIOS THAT WERE NOT OPERATING PROPERLY AND USING A HAND HELD TRANSCEIVER, THE RIGHT ENGINE FAILED DUE TO A BROKEN FUEL PRESSURE SENSOR WIRE, AND THE PILOT LOST CONTROL OF THE AIRCRAFT IN IMC CONDITIONS AND CRASHED.

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(TOTAL) - MECH FAILURE/MALF
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (C) FUEL SYSTEM,FUEL CONTROL - LOOSE
 2. (C) PROCEDURES/DIRECTIVES - NOT PERFORMED - PILOT IN COMMAND
 3. (F) JUDGMENT - IMPROPER - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

4. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	36, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	05/22/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3006 hours (Total, all aircraft), 186 hours (Total, this make and model), 2900 hours (Pilot In Command, all aircraft), 55 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1FD
Model/Series:	320 320	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	320-006
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	04/01/1986, Annual	Certified Max Gross Wt.:	4990 lbs
Time Since Last Inspection:	167 Hours	Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	TSIO-470-B
Registered Owner:	CHARLIE FOWLER/EVANGELISTIC AS	Rated Power:	260 hp
Operator:	CHARLIE FOWLER/EVANGELISTIC AS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	PFN, 21 ft msl	Distance from Accident Site:	6 Nautical Miles
Observation Time:	1930 CST	Direction from Accident Site:	150°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	5 Miles
Lowest Ceiling:	Overcast / 600 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	60°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	18° C / 18° C
Precipitation and Obscuration:			
Departure Point:	PENSACOLA, FL (PNS)	Type of Flight Plan Filed:	IFR
Destination:	PANAMA CITY, FL (PFN)	Type of Clearance:	IFR
Departure Time:	1900 CST	Type of Airspace:	Class E

Airport Information

Airport:	PANAMA CITY (PFN)	Runway Surface Type:	Asphalt
Airport Elevation:	21 ft	Runway Surface Condition:	
Runway Used:	14	IFR Approach:	ILS
Runway Length/Width:	6314 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ANDREW A ALSTON	Report Date:	
Additional Participating Persons:	RICHARD LONG; PENSACOLA, FL DALE CARTER; MOBILE, AL THERESA O'LEARY; WICHITA, KS		
Publish Date:			
Investigation Docket:	NTSB accident and incident docket 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/ .		

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](#).