



National Transportation Safety Board Aviation Accident Final Report

Location:	ANCHORAGE, AK	Accident Number:	ANC87FA028
Date & Time:	01/28/1987, 0515 AST	Registration:	N7393U
Aircraft:	CESSNA 207	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE AIRCRAFT CRASHED ONE MILE SHORT OF THE RUNWAY. THE ACCIDENT OCCURRED DURING AN ILS APPROACH IN INSTRUMENT METEOROLOGICAL CONDITIONS. DURING A POST ACCIDENT INTERVIEW WITH THE PILOT HE STATED THAT HE DID NOT RECOGNIZE AND REACT IN A TIMELY MANNER TO THE GROSS DEVIATION OF THE DECISION HEIGHT. HE CONTINUED DOWN UNTIL STRIKING THE GROUND SHORT OF THE RUNWAY.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (C) WEATHER CONDITION - FOG
2. (C) IFR PROCEDURE - IMPROPER - PILOT IN COMMAND
3. (C) WEATHER CONDITION - LOW CEILING
4. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND
5. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
6. (F) LIGHT CONDITION - DARK NIGHT
7. (C) PLANNED APPROACH - NOT FOLLOWED - PILOT IN COMMAND
8. (C) DECISION HEIGHT - DISREGARDED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	24, 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):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	07/15/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1842 hours (Total, all aircraft), 557 hours (Total, this make and model), 1670 hours (Pilot In Command, all aircraft), 225 hours (Last 90 days, all aircraft), 120 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N7393U
Model/Series:	207 207	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	20700436
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	01/09/1987, AAIP	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:	21 Hours	Engines:	1 Reciprocating
Airframe Total Time:	10351 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	IO 520 F
Registered Owner:	SOUTH CENTRAL AIR, INC.	Rated Power:	300 hp
Operator:	SOUTH CENTRAL AIR, INC.	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	ANC, 144 ft msl	Distance from Accident Site:	2 Nautical Miles
Observation Time:	0542 AST	Direction from Accident Site:	40°
Lowest Cloud Condition:	Partial Obscuration / 0 ft agl	Visibility	1 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-10°C / -11°C
Precipitation and Obscuration:			
Departure Point:	KENAI, AK (ENA)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	0445 AST	Type of Airspace:	Class D

Airport Information

Airport:	ANCHORAGE INT'L (ANC)	Runway Surface Type:	Asphalt
Airport Elevation:	144 ft	Runway Surface Condition:	Snow--dry
Runway Used:	6R	IFR Approach:	ILS
Runway Length/Width:	10897 ft / 150 ft	VFR Approach/Landing:	Full Stop

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):	JAMES MICHELANGELO	Report Date:	03/21/1988
Additional Participating Persons:	JAMES D LA BELLE; ANCHORAGE, AK RONALD L CRUMBAKER; ANCHORAGE, AK		
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 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](#).