



National Transportation Safety Board Aviation Accident Data Summary

Location:	SALT LAKE CITY, UT	Accident Number:	DEN85LA106
Date & Time:	04/01/1985, 1313 MST	Registration:	XBCKE
Aircraft:	CESSNA 210	Injuries:	1 Minor, 4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ON APRIL 1, 1985, A CESSNA 210 WITH MEXICAN REGISTRY, XBCKE, PILOTED BY A MEXICAN NATIONAL, LOST ENGINE POWER AND LANDED SHORT OF THE RUNWAY AT SALT LAKE CITY INTERNATIONAL AIRPORT THE FLIGHT HAD DEPARTED THE GRAND CANYON AZ AIRPORT. POST ACCIDENT EXAMINATION OF THE AIRCRAFT REVEALED THAT 3 1/2 QTS OF FUEL WAS IN THE LEFT TANK. THE RIGHT TANK WAS 1/2 FULL NO FUEL WAS FOUND IN THE ENGINE FUEL LINES. THE PLT STATED HE FOUND THE FUEL GAUGES WERE NEVER ACCURATE. HE DID NOT REFUEL TO FILL THE ACFT PRIOR TO TAKEOFF BUT ESTIMATED 60 GALLONS OF FUEL ON BOARD THE ACFT . THE FUEL SELECTOR WAS ON THE RT TANK AFTER THE ACCIDENT. THE PLT DID NOT STATE WHEN THE SELECTOR WAS USED OR TO WHAT POSITION DURING THE FLT. ONLY THE MAGS AND BOOST PUMPS WERE MENTIONED IN THE PLTS WRITTEN ACTIVITIES PERFORMED DURING THE INTERVAL FROM 'RECOGNIZED' LOSS OF PWR BY THE PLT TO THE LANDING SHORT OF THE RWY. NO MALFUNCTIONS OR DISCREPANCIES WERE FOUND DURING THE INVESTIGATION. THE FUEL WAS CHECKED FOR WATER OR CONTAMINENTS & NOTHING EXTRAORDINARY WAS SEEN.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: CRUISE - NORMAL

Findings

1. (F) FLUID,FUEL - STARVATION
 2. (C) FUEL TANK SELECTOR POSITION - EXCEEDED - PILOT IN COMMAND
 3. (C) MENTAL PERFORMANCE OVERLOAD - PILOT IN COMMAND
 4. (F) INADEQUATE TRAINING(EMERGENCY PROCEDURE(S)) - PILOT IN COMMAND
 5. (F) LACK OF TOTAL EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND
 6. (C) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
 7. (C) EMERGENCY PROCEDURE - NOT ATTAINED - PILOT IN COMMAND
 8. (C) REMEDIAL ACTION - NOT UNDERSTOOD - PILOT IN COMMAND
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Occurrence #2: FIRE/EXPLOSION
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: UNDERSHOOT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
9. TERRAIN CONDITION - OPEN FIELD

Pilot Information

Certificate:	Commercial	Age:	34
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2500 hours (Total, all aircraft), 430 hours (Total, this make and model), 400 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	XBCKE
Model/Series:	210 210	Engines:	1 Reciprocating
Operator:	HECTOR PARADA	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-R
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 330°
Temperature:		Visibility	40 Miles
Precipitation and Obscuration:			
Departure Point:	GRAND CANYON, AZ	Destination:	SALT LAKE CITY, UT (SLC)

Airport Information

Airport:	SLAT LAKE CITY (SLC)	Runway Surface Type:	Asphalt
Runway Used:	34R	Runway Surface Condition:	Rough
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	FRED R WINNINGHAM	Adopted 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/ .		

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