



National Transportation Safety Board Aviation Accident Data Summary

Location:	TUCSON, AZ	Accident Number:	LAX86LA103
Date & Time:	01/01/1986, 2000 MST	Registration:	N6594Y
Aircraft:	CESSNA T210N	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PLT PLANNED TO FLY NONSTOP FM HOUSTON, TX, TO PHOENIX, AZ. HE REPORTED THAT DURING THE TRIP HE ENCOUNTERED 'FLUCTUATING HEAD WINDS' & HE MISCALCULATED THE ACFT'S ENDURANCE. FUEL EXHAUSTION OCCURRED 8 MILES FM TUCSON, AZ., & THE PLT MADE A SUCCESSFUL NIGHTTIME FORCED LDG ON INTERSTATE HWY 10. AFTER REFUELING & WITH THE AID OF LOCAL LAW ENFORCEMENT OFFICERS, THE PLT & HIS PASSENGER TOOK OFF FROM THE HWY. AFTER ACCELERATING TO BETWEEN 40 & 50 KNOTS, THE ACFT DRIFTED FROM THE CENTER OF THE HWY & ITS WING COLLIDED WITH A NEARBY MESQUITE TREE. THE ACFT REMAINED AIRBORNE, & THE PLT CONTINUED FLYING TO HIS DESTINATION. WHERE HE LANDED WITHOUT FURTHER INCIDENT.

Probable Cause

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND
2. (F) OBJECT - TREE(S)
3. (F) LIGHT CONDITION - NIGHT

Pilot Information

Certificate:	Commercial	Age:	56
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	720 hours (Total, all aircraft), 116 hours (Total, this make and model), 508 hours (Pilot In Command, all aircraft), 28 hours (Last 90 days, all aircraft), 17 hours (Last 30 days, all aircraft), 11 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6594Y
Model/Series:	T210N T210N	Engines:	1 Reciprocating
Operator:	CHANNEL ISLAND AVIATION, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TS10-520-R
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Bright
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	12 knots / 15 knots, 280°
Temperature:	16° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	TUCSON, AZ	Destination:	PHOENIX, AZ (PHX)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	WAYNE POLLACK	Adopted Date:	03/10/1988
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/ .		

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