



National Transportation Safety Board Aviation Accident Final Report

Location:	PLEASANTON, CA	Accident Number:	LAX89FA081
Date & Time:	01/09/1989, 1124 PST	Registration:	N1672T
Aircraft:	CESSNA 414	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DRG ARRIVAL, THE PLT WAS CLRD FOR AN ILS RWY 27R APCH TO THE METRO OAKLAND INTL ARPT. AS SHE BEGAN THE APCH, THE ATC CTLR NOTED THE ACFT HAD DSCNDD THRU 2900 FT MSL. HE PROVIDED A LOW ALT ALERT TO THE PLT & WARNED HER THE ACFT SHOULD BE AT 3300 FT. THE PLT ACKNOWLEDGED BY SAYING 'THANK YOU.' THE ATC CTLR SUGGESTED THE PLT CLIMB TO 3300 FT IMMEDIATELY, THEN HE CANCELED THE CLNC & TOLD THE PLT TO CLIMB IMMEDIATELY TO 3300 FT. SUBSEQUENTLY, THE ACFT CRASHED APRX 15 MI EAST OF THE ARPT. IMPACT OCCURRED WITH A 1500 FT RIDGE AT ABOUT THE 1000 FT LEVEL. NO PREIMPACT PART FAILURE OR MALFUNCTION OF THE ACFT WAS FOUND.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT TO PROPERLY FOLLOW THE IFR (INSTRUMENT FLIGHT RULES) PROCEDURES BY NOT MAINTAINING THE MINIMUM DESCENT ALTITUDE FOR THAT SEQMENT OF THE APPROACH. THE WEATHER CONDITIONS AND MOUNTAINOUS TERRAIN WERE CONSIDERED TO BE RELATED FACTORS.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: APPROACH - IAF TO FAF/OUTER MARKER (IFR)

Findings

1. (C) IFR PROCEDURE - IMPROPER - PILOT IN COMMAND
2. (F) WEATHER CONDITION - LOW CEILING
3. (F) WEATHER CONDITION - FOG
4. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
5. (C) MINIMUM DESCENT ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	Age:	43, Female
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:	Yes
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	10/25/1988
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	471 hours (Total, all aircraft), 149 hours (Total, this make and model), 361 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1672T
Model/Series:	414 414	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	0465
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	6500 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	TSIO-520-N
Registered Owner:	VIP PROPERTIES INC	Rated Power:	310 hp
Operator:	GELLMAN, BARBARA LORRAINE	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OAK, 6 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	1105 PST	Direction from Accident Site:	274°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Obscured / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	10°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	8° C / 8° C
Precipitation and Obscuration:			
Departure Point:	SANTA ANA, CA (SNA)	Type of Flight Plan Filed:	IFR
Destination:	OAKLAND, CA (OAK)	Type of Clearance:	IFR
Departure Time:	0907 PST	Type of Airspace:	Class G

Airport Information

Airport:	OAKLAND INT'L (OAK)	Runway Surface Type:	Asphalt
Airport Elevation:	6 ft	Runway Surface Condition:	Dry
Runway Used:	27R	IFR Approach:	ILS
Runway Length/Width:	5453 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	THOMAS H WILCOX	Report Date:	12/10/1990
Additional Participating Persons:	EGONS KNETS; OAKLAND, CA GARY CHEATUM; WICHITA, KS MICHAEL J GRIMES; MOBILE, AL		
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/ .		

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