



# Aviation Investigation Final Report

|                                |                                      |                         |                    |
|--------------------------------|--------------------------------------|-------------------------|--------------------|
| <b>Location:</b>               | KEY WEST, Florida                    | <b>Accident Number:</b> | MIA89FA015         |
| <b>Date &amp; Time:</b>        | October 21, 1988, 18:15 Local        | <b>Registration:</b>    | N250MW             |
| <b>Aircraft:</b>               | LAKE LA-4-250                        | <b>Aircraft Damage:</b> | Substantial        |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 3 Serious, 1 Minor |
| <b>Flight Conducted Under:</b> | Part 91: General aviation - Personal |                         |                    |

## Analysis

THE PLT REDUCED ENGINE POWER DURING INITIAL CLIMB FROM A TOUCH AND GO LANDING ON THE GULF OF MEXICO. THE ACFT STALLED AND DESCENDED UNCONTROLLED BACK TO THE WATER, STRIKING THE WATER HARD. THE ACFT THEN BOUNCED AND AGAIN HIT THE WATER IN A NOSE LOW RIGHT WING LOW ATTITUDE. THE ACFT NOSED OVER.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

#### Findings

1. (F) THROTTLE/POWER CONTROL - REDUCED - PILOT IN COMMAND
2. (C) AIRSPEED(VS) - NOT MAINTAINED - PILOT IN COMMAND
3. (C) STALL/MUSH - INADVERTENT - PILOT IN COMMAND

-----  
Occurrence #2: HARD LANDING  
Phase of Operation: DESCENT - UNCONTROLLED



## Factual Information

### Pilot Information

|                                  |   |  |                |
|----------------------------------|---|--|----------------|
| <b>Certificate:</b>              | Commercial  | <b>Age:</b>                              | 49, Male       |
| <b>Airplane Rating(s):</b>       | Single-engine land; Single-engine sea; Multi-engine land  | <b>Seat Occupied:</b>                    | Left           |
| <b>Other Aircraft Rating(s):</b> | None  | <b>Restraint Used:</b>                   |                |
| <b>Instrument Rating(s):</b>     | Airplane  | <b>Second Pilot Present:</b>             | Yes            |
| <b>Instructor Rating(s):</b>     | None  | <b>Toxicology Performed:</b>             | Yes            |
| <b>Medical Certification:</b>    | Class 2 Valid Medical--no waivers/lim.  | <b>Last FAA Medical Exam:</b>            | April 22, 1988 |
| <b>Occupational Pilot:</b>       | No  | <b>Last Flight Review or Equivalent:</b> |                |
| <b>Flight Time:</b>              | 5000 hours (Total, all aircraft), 100 hours (Total, this make and model), 100 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft) |  |                |

## Aircraft and Owner/Operator Information

|                                      |  |                                       |                 |
|--------------------------------------|--|---------------------------------------|-----------------|
| <b>Aircraft Make:</b>                | LAKE   | <b>Registration:</b>                  | N250MW          |
| <b>Model/Series:</b>                 | LA-4-250 LA-4-250                                | <b>Aircraft Category:</b>             | Airplane        |
| <b>Year of Manufacture:</b>          |  | <b>Amateur Built:</b>                 |                 |
| <b>Airworthiness Certificate:</b>    | Normal   | <b>Serial Number:</b>                 | 41              |
| <b>Landing Gear Type:</b>            | Amphibian  | <b>Seats:</b>                         | 6               |
| <b>Date/Type of Last Inspection:</b> | Annual   | <b>Certified Max Gross Wt.:</b>       | 3050 lbs        |
| <b>Time Since Last Inspection:</b>   |  | <b>Engines:</b>                       | 1 Reciprocating |
| <b>Airframe Total Time:</b>          |  | <b>Engine Manufacturer:</b>           | LYCOMING        |
| <b>ELT:</b>                          | Installed, activated, aided in locating accident | <b>Engine Model/Series:</b>           | IO-540-C4B5     |
| <b>Registered Owner:</b>             | BRUCE A RIVARD                                   | <b>Rated Power:</b>                   | 250 Horsepower  |
| <b>Operator:</b>                     | DOUGLAS, WINTON S.                               | <b>Operating Certificate(s) Held:</b> | None            |
| <b>Operator Does Business As:</b>    |  | <b>Operator Designator Code:</b>      |                 |

## Meteorological Information and Flight Plan

|   |                                  |   |                  |
|---|----------------------------------|---|------------------|
| <b>Conditions at Accident Site:</b>     | Visual (VMC)                     | <b>Condition of Light:</b>                  | Day              |
| <b>Observation Facility, Elevation:</b> | EYW ,4 ft msl                    | <b>Distance from Accident Site:</b>         | 8 Nautical Miles |
| <b>Observation Time:</b>                | 17:50 Local                      | <b>Direction from Accident Site:</b>        | 90°              |
| <b>Lowest Cloud Condition:</b>          | Clear                            | <b>Visibility</b>                           | 10 miles         |
| <b>Lowest Ceiling:</b>                  | None                             | <b>Visibility (RVR):</b>                    |                  |
| <b>Wind Speed/Gusts:</b>                | 6 knots /                        | <b>Turbulence Type Forecast/Actual:</b>     | /                |
| <b>Wind Direction:</b>                  | 350°                             | <b>Turbulence Severity Forecast/Actual:</b> | /                |
| <b>Altimeter Setting:</b>               | 29 inches Hg                     | <b>Temperature/Dew Point:</b>               | 28°C / 19°C      |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |                  |
| <b>Departure Point:</b>                 | KEY WEST , FL (EYW )             | <b>Type of Flight Plan Filed:</b>           | None             |
| <b>Destination:</b>                     |                                  | <b>Type of Clearance:</b>                   | None             |
| <b>Departure Time:</b>                  | 17:30 Local                      | <b>Type of Airspace:</b>                    | Class G          |

## Airport Information

|                             |             |                                  |            |
|-----------------------------|-------------|----------------------------------|------------|
| <b>Airport:</b>             |             | <b>Runway Surface Type:</b>      | Water      |
| <b>Airport Elevation:</b>   | 0 ft msl    | <b>Runway Surface Condition:</b> | Water-calm |
| <b>Runway Used:</b>         | 0           | <b>IFR Approach:</b>             | None       |
| <b>Runway Length/Width:</b> | 0 ft / 0 ft | <b>VFR Approach/Landing:</b>     | None       |

## Wreckage and Impact Information

|                            |                    |                             |                           |
|----------------------------|--------------------|-----------------------------|---------------------------|
| <b>Crew Injuries:</b>      | 1 Serious          | <b>Aircraft Damage:</b>     | Substantial               |
| <b>Passenger Injuries:</b> | 2 Serious, 1 Minor | <b>Aircraft Fire:</b>       | None                      |
| <b>Ground Injuries:</b>    | N/A                | <b>Aircraft Explosion:</b>  | None                      |
| <b>Total Injuries:</b>     | 3 Serious, 1 Minor | <b>Latitude, Longitude:</b> | 24.549438,-81.780929(est) |

## Administrative Information

|  |   |
|--|---|
| <b>Investigator In Charge (IIC):</b>     | Kennedy, Jeffrey  |
| <b>Additional Participating Persons:</b> | AL FRANK; MIAMI , FL<br>ROBERT CUNNINGHAM; MIAMI , FL   |
| <b>Original Publish Date:</b>            | December 3, 1989  |
| <b>Last Revision Date:</b>               |   |
| <b>Investigation Class:</b>              | <a href="#">Class</a>   |
| <b>Note:</b>                             |   |
| <b>Investigation Docket:</b>             | <a href="https://data.ntsb.gov/Docket?ProjectID=32265">https://data.ntsb.gov/Docket?ProjectID=32265</a> |

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).