



Aviation Investigation Final Report

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|--------------------------------|---|-------------------------|-------------|
| Location: | NEW BEDFORD, Massachusetts | Accident Number: | NYC88LA035 |
| Date & Time: | November 6, 1987, 13:45 Local | Registration: | N8384Q |
| Aircraft: | CESSNA U206F | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 5 None |
| Flight Conducted Under: | Part 135: Air taxi & commuter - Non-scheduled | | |

Analysis

THE CESSNA U206F WAS TAKING OFF FROM A HARBOR. AFTER BECOMING AIRBORNE IT EXPERIENCED A 40 KNOT AIRSPEED LOSS. THE PLT STATED THAT HE WAS UNABLE TO MAINTAIN ALTITUDE AND WAS FORCED TO LAND ON A BEACH. THE ACFT FLIPPED OVR AFTER A PONTOON CAUGHT A ROCK. A WITNESS ON SHORE OBSERVED THE ACFT TKOF AND MAKE A LOW TURN DIRECTLY DOWNWIND. HE SAID THAT THE WIND WAS FROM THE NORTHEAST AT 20 TO 25 KTS AND GUSTY. THE NEW BEDFORD ATCT INDICATED THAT THE WINDS WERE GUSTING TO 35 KTS AT THE TIME OF THE ACCIDENT.

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) WEATHER CONDITION - TAILWIND
 2. (F) WEATHER CONDITION - GUSTS
 3. (C) WEATHER EVALUATION - INADEQUATE - PILOT IN COMMAND
 4. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

5. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

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|----------------------------------|--|--|-------------|
| Certificate: | Airline transport; Commercial; Flight instructor | Age: | 34, Male |
| Airplane Rating(s): | Single-engine land; Single-engine sea; Multi-engine land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | Airplane | Second Pilot Present: | No |
| Instructor Rating(s): | Airplane multi-engine; Airplane single-engine; Instrument airplane | Toxicology Performed: | No |
| Medical Certification: | Class 1 Valid Medical--no waivers/lim. | Last FAA Medical Exam: | May 7, 1987 |
| Occupational Pilot: | Yes | Last Flight Review or Equivalent: | |
| Flight Time: | 9400 hours (Total, all aircraft), 2000 hours (Total, this make and model), 7400 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|--------------------------|---------------------------------------|--------------------------|
| Aircraft Make: | CESSNA | Registration: | N8384Q |
| Model/Series: | U206F U206F | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Normal | Serial Number: | U2063245 |
| Landing Gear Type: | Float | Seats: | 6 |
| Date/Type of Last Inspection: | 100 hour | Certified Max Gross Wt.: | 3600 lbs |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | 2193 Hrs | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed, not activated | Engine Model/Series: | IO-520-F |
| Registered Owner: | ISLAND SHUTTLE, INC. | Rated Power: | 300 Horsepower |
| Operator: | | Operating Certificate(s) Held: | On-demand air taxi (135) |
| Operator Does Business As: | | Operator Designator Code: | |

Meteorological Information and Flight Plan

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|---|----------------------------------|---|-------------|
| Conditions at Accident Site: | Visual (VMC) | Condition of Light: | Day |
| Observation Facility, Elevation: | EWB ,80 ft msl | Distance from Accident Site: | |
| Observation Time: | 12:45 Local | Direction from Accident Site: | |
| Lowest Cloud Condition: | Scattered / 5000 ft AGL | Visibility | 15 miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 22 knots / 35 knots | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 300° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 29 inches Hg | Temperature/Dew Point: | 4°C / -13°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | | Type of Flight Plan Filed: | VFR |
| Destination: | CUTTYHUNK , MA | Type of Clearance: | None |
| Departure Time: | 00:00 Local | Type of Airspace: | Class E |

Airport Information

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|-----------------------------|----------|----------------------------------|------|
| Airport: | | Runway Surface Type: | |
| Airport Elevation: | 0 ft msl | Runway Surface Condition: | Dry |
| Runway Used: | 0 | IFR Approach: | None |
| Runway Length/Width: | | VFR Approach/Landing: | None |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|-------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | 4 None | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 5 None | Latitude, Longitude: | |

Administrative Information

Investigator In Charge (IIC): Hancock, Robert

Additional Participating Persons:

Original Publish Date: June 16, 1989

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=36059>

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