



National Transportation Safety Board Aviation Accident Data Summary

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|--------------------------------|--------------------------------------|-------------------------|------------|
| Location: | HOLLYWOOD, FL | Accident Number: | MIA97LA177 |
| Date & Time: | 06/01/1997, 1256 EDT | Registration: | N7393C |
| Aircraft: | Cessna T-210-N | Injuries: | 2 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Analysis

The pilot stated that while on downwind for landing, he lowered the flaps to 10 degrees and extended the landing gear. As he turned on base leg, he noticed the radios were not working and the electrical system ammeter was showing the system was not charging. On final approach, he noticed the landing gear extended light was very dim, and there was no change when he pushed it for test. During the landing rollout, the left main landing gear collapsed. Postcrash examination showed the battery was discharged, there was corrosion on all of the landing gear components, and the gear warning horn was operating intermittently.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the pilot to ensure the landing gear was locked down before landing, following an electrical system failure, resulting in the left main landing gear collapsing during landing rollout. The electrical malfunction and resultant discharged battery were related factors.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: APPROACH - VFR PATTERN - DOWNWIND

Findings

1. (F) ELECTRICAL SYSTEM - MALFUNCTION
2. (F) ELECTRICAL SYSTEM,BATTERY - DISCHARGED

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

3. (C) GEAR DOWN AND LOCKED - NOT VERIFIED - PILOT IN COMMAND
4. EMERGENCY PROCEDURE - NOT USED - PILOT IN COMMAND

Pilot Information

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|----------------------------------|--|------------------------------|------|
| Certificate: | Private | Age: | 40 |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land; Single-engine Sea | Instrument Rating(s): | None |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | None |
| Flight Time: | 2000 hours (Total, all aircraft), 300 hours (Total, this make and model), 1950 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

| | | | |
|---------------------------------------|--------------------------------------|-----------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N7393C |
| Model/Series: | T-210-N T-210-N | Engines: | 1 Reciprocating |
| Operator: | DANIEL CHARLES COOK | 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: | HWO, 9 ft msl | Weather Information Source: | Weather Observation Facility |
| Lowest Ceiling: | Broken / 3000 ft agl | Wind Speed/Gusts, Direction: | 14 knots / , 180° |
| Temperature: | | Visibility | 15 Miles |
| Precipitation and Obscuration: | | | |
| Departure Point: | (HWO) | Destination: | |

Airport Information

| | | | |
|-----------------------------|-------------------|----------------------------------|---------|
| Airport: | NORTH PERRY (HWO) | Runway Surface Type: | Asphalt |
| Runway Used: | 18L | Runway Surface Condition: | Dry |
| Runway Length/Width: | 3065 ft / 100 ft | | |

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): JEFFREY L KENNEDY

Adopted Date: 10/31/1997

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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