



National Transportation Safety Board Aviation Accident Final Report

Location:	WAILUA, HI	Accident Number:	LAX91LA306
Date & Time:	07/11/1991, 0740 HST	Registration:	N9022T
Aircraft:	CESSNA 182	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Fatal, 4 None

Flight Conducted Under: Part 91: General Aviation - Skydiving

Analysis

THE FLIGHT WAS IN LEVEL CRUISE AND 3 OF THE 4 JUMPERS WERE POSITIONED ON THE STEP READY TO JUMP. THE RESERVE CHUTE ON ONE OF THE JUMPERS ACCIDENTLY DEPLOYED AND WAS SUCKED FORWARD AND OVER THE RIGHT WING LEADING EDGE. THE JUMPER WAS PULLED FORWARD AND OVER THE WING, AND IN THE PROCESS, HIT HIS HEAD ON THE WING LEADING EDGE AND SUBSTANTIALLY DAMAGED THE INTERNAL WING STRUCTURE. AS THE JUMPER'S CHUTE DEPLOYED OVER THE WING, THE AIRCRAFT WAS ROLLED INVERTED. THE OTHER JUMPERS JUMPED AND PARACHUTED TO THE GROUND SAFELY. THE PILOT REGAINED CONTROL OF THE AIRCRAFT. THE PARACHUTISTS WHOSE RESERVE CHUTE DEPLOYED WAS FOUND FATALLY INJURED. THE PARACHUTE INVOLVED IN THE ACCIDENT WAS EXAMINED BY A MASTER PARACHUTE RIGGER UNDER THE SUPERVISION OF FAA AIRWORTHINESS INSPECTORS. ACCORDING TO THE RIGGER'S REPORT, THE AUTOMATIC OPENING DEVICE FOR THE RESERVE PARACHUTE WAS FOUND ACTIVATED, HOWEVER, NO DETERMINATION COULD BE MADE ABOUT WHEN THE DEVICE TRIGGERED. NO OTHER ANOMALY IN THE PARACHUTE SYSTEM WAS FOUND.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
THE ACCIDENTAL DEPLOYMENT OF JUMPERS RESERVE PARACHUTE INSIDE THE AIRPLANE.

Findings

Occurrence #1: MISCELLANEOUS/OTHER
Phase of Operation: CRUISE

Findings

1. (C) MISC EQPT/FURNISHINGS,PARACHUTE/DRAG CHUTE - DEPLOYED INADVERTENTLY

Factual Information

Pilot Information

Certificate:	Commercial	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	12/14/1990
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	753 hours (Total, all aircraft), 118 hours (Total, this make and model), 118 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N9022T
Model/Series:	182 182	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	52922
Landing Gear Type:	Tricycle	Seats:	1
Date/Type of Last Inspection:	01/02/2000, Unknown	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470L
Registered Owner:	SKYDIVE HAWAII	Rated Power:	230 hp
Operator:	SKYDIVE HAWAII	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	25 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0715 HST	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Fatal, 3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal, 4 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	jeff rich	Report Date:	03/31/1993
Additional Participating Persons:	WAYNE MCKINNEY; HONOLULU, HI		
Publish Date:	10/17/2016		
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).