



National Transportation Safety Board Aviation Accident Final Report

Location:	WALLINGFORD, VT	Accident Number:	NYC84FA294
Date & Time:	08/24/1984, 1050 EDT	Registration:	N18SM
Aircraft:	CESSNA 414	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT WAS EXECUTING SECOND ATTEMPT FOR A INSTRUMENT APCH, LDA RWY 19, FOLLOWING A MISSED APCH ON THE FIRST ATTEMPT. THE PLT LAST REPORTED OVER THE IAF, 9 MIS NORTH OF THE ARPT. THE ACFT COLLIDED WITH A MOUNTAIN AT A ELEVATION OF 1700 FT AND 5 MIS SOUTH OF THE ARPT. THE WRECKAGE WAS ORIENTED ON A 190 DEG MAG HEADING AND NEAR THE EXTENDED CENTERLINE OF RWY 19. THE MDA FOR THE APCH IS 1680 FT MSL. THE MAP IS A CLIMBING RIGHT TURN TO 5000 FT DIRECT TO THE IAF. THE ARPT IS SURROUNDED BY MOUNTAINS. THE LANDING GEAR AND FLAPS WERE FOUND EXTENDED. EXAMINATION OF THE ACFT DISCLOSED ON EVIDENCE OF MALFUNCTION.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH

Findings

1. (F) WEATHER CONDITION - LOW CEILING
2. (F) TERRAIN CONDITION - HIGH TERRAIN
3. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
4. (C) IFR PROCEDURE - NOT FOLLOWED - PILOT IN COMMAND
5. (C) MISSED APPROACH - NOT PERFORMED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Commercial	Age:	70, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	06/07/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7010 hours (Total, all aircraft), 1800 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N18SM
Model/Series:	414 414	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	414-0548
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	07/11/1984, Annual	Certified Max Gross Wt.:	6350 lbs
Time Since Last Inspection:	17 Hours	Engines:	2 Reciprocating
Airframe Total Time:	1852 Hours	Engine Manufacturer:	TELEDYNE CONT
ELT:	Installed, not activated	Engine Model/Series:	TSI10-520
Registered Owner:	SEREN, INC.	Rated Power:	310 hp
Operator:	SEREN, INC.	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	RUT, 0 ft msl	Distance from Accident Site:	4 Nautical Miles
Observation Time:	0955 EDT	Direction from Accident Site:	190°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	4 Miles
Lowest Ceiling:	Broken / 900 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	350°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	16 °C
Precipitation and Obscuration:			
Departure Point:	WORCESTER, MA (ORH)	Type of Flight Plan Filed:	IFR
Destination:	RUTLAND, VT (RUT)	Type of Clearance:	IFR
Departure Time:	0952 EDT	Type of Airspace:	

Airport Information

Airport:	RUTLAND (RUT)	Runway Surface Type:	
Airport Elevation:	787 ft	Runway Surface Condition:	
Runway Used:	19	IFR Approach:	LDA
Runway Length/Width:	5000 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	2 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	DENNIS L JONES	Report Date:	
Additional Participating Persons:	SANDRA TAYLOR; PROTLAND, ME DALE CARTER; MOBILE, AL BOB WHITE; WICHITA, KS		
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 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](#).