



National Transportation Safety Board Aviation Accident Data Summary

Location:	HOPKINTON, NH	Accident Number:	NYC85FNC02
Date & Time:	01/01/1985, 1315 EST	Registration:	N47364
Aircraft:	PIPER PA-34-200T	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT COLLIDED WITH A TREE DURING AN ILS APPROACH IN IMC WX. THE ACFT WAS ON A X-CTY FLT AND THE PLT DECLARED A MISSED APPROACH AT THIS PT BUT DID NOT ACKNOWLEDGE HITTING THE TREE. WHEN THE RT ENG QUIT AND DIRECTIONAL CONTROL COULD NOT BE MAINTAINED THE PLT ELECTED TO MAKE A POWER OFF LANDING OFF ARPT IN AN OPEN AREA. MORE TREE COLLISIONS OCCURRED DURING LNDG AND A HARD TOUCHDOWN WAS MADE ON ROLLING TERRAIN. NO MECHANICAL DISCREPANCIES WERE FOUND ON THE ACFT. THE PLT HAD ACCEPTED THE ACFT WITH THE LEFT ALTERNATOR REMOVED FOR REPAIRS. THE PURPOSE OF THE FLT WAS TO TRANSPORT THE PLTS MOTHER TO HER HOME IN NH. THE ILS APPROACH HAD BEEN ATTEMPTED AT LEBANON, NH.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (F) OBJECT - TREE(S)
2. (C) PLANNED APPROACH - NOT FOLLOWED - PILOT IN COMMAND
3. (C) PROPER ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
4. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND
5. (C) OPERATION WITH KNOWN DEFICIENCIES IN EQUIPMENT - IMPROPER - PILOT IN COMMAND
6. (F) WEATHER CONDITION - LOW CEILING

Occurrence #2: LOSS OF ENGINE POWER
Phase of Operation: MANEUVERING

Findings

7. COMMUNICATIONS - INADEQUATE - PILOT IN COMMAND

Occurrence #3: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Airline Transport	Age:	35
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Single-engine
Flight Time:	6000 hours (Total, all aircraft), 1500 hours (Total, this make and model), 6000 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N47364
Model/Series:	PA-34-200T PA-34-200T	Engines:	2 Reciprocating
Operator:	GABRIEL WYNTERS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	TSIO-360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Overcast / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	-1 °C	Visibility	3 Miles
Precipitation and Obscuration:			
Departure Point:	CROSS KEYS, NJ (17N)	Destination:	LEBANON, NH (LEB)

Airport Information

Airport:	LEBANON, NH (LEB)	Runway Surface Type:	Asphalt
Runway Used:	7	Runway Surface Condition:	
Runway Length/Width:	5495 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): EDWARD M JOHNSON

Adopted 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 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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