



National Transportation Safety Board Aviation Accident Final Report

Location:	TALLAHASSEE, FL	Accident Number:	MIA87FA002
Date & Time:	10/02/1986, 1845 EDT	Registration:	N217HM
Aircraft:	PIPER PA-60-600	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

WITNESSES STATED SEEING THE ACFT ENTER A LEFT DOWNWIND APCH TO RWY 16, TURN BASE TO FINAL NORMALLY THEN VEEER TO THE LEFT OF THE RUNWAY IN A NOSE HIGH ATTITUDE & DISAPPEAR BEHIND A LINE OF TREES & CRASH APRX 500 FEET EAST OF RWY 16. POST CRASH EXAMINATION OF THE AIRCRAFT REVEALED THE LEFT ENGINE WAS NOT PRODUCING POWER AT THE TIME OF IMPACT. FURTHER EXAMINATION REVEALED THAT THE LEFT ENGINE FUEL SERVO FUEL MIXTURE AND IDLE SPEED SETTINGS WERE MISADJUSTED.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) FUEL SYSTEM,FUEL CONTROL - OTHER

Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

2. (F) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND

3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - UNCONTROLLED

Findings

4. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	53, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/27/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3500 hours (Total, all aircraft), 200 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N217HM
Model/Series:	PA-60-600 PA-60-600	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	60-0236-098
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	5500 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-540-K1F5
Registered Owner:	JOZEN TAP CORPORATION	Rated Power:	290 hp
Operator:	JOZEN TAP CORPORATION	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	TLH, 157 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1930 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	6 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:	30 inches Hg	Temperature/Dew Point:	28° C / 24° C
Precipitation and Obscuration:			
Departure Point:	TAMPA, FL (TPA)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class E

Airport Information

Airport:	TALLAHASSEE COMMERCIAL (68J)	Runway Surface Type:	Asphalt
Airport Elevation:	157 ft	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	3000 ft / 50 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	BRUCE J HILL	Report Date:	03/10/1988
Additional Participating Persons:	PETER MCKNIGHT; VERO BEACH, FL		
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 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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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](#).