



National Transportation Safety Board Aviation Accident Final Report

Location:	HAMPTON, NH	Accident Number:	ATL86FA240
Date & Time:	09/01/1986, 1112 EDT	Registration:	N8285C
Aircraft:	PIPER PA-28-161	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal, 2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT WAS FLYING AT LOW ALT IN THE VICINITY OF INTERSTATE I-95 WHEN THE PLT MADE A 360 DEG, RGT TURN. AFTER THE TURN, THE ACFT COLLIDED WITH PWR LINES, WHICH CROSSED I-95, THEN CRASHED & BURNED. A WITNESS ESTIMATED THE ACFT HAD DSCNDD TO ABOUT 35 TO 50 FT AGL BFR HITTING THE PWR LINES. AN EXAM OF THE ACFT & ENG REVEALED NO EVIDENCE OF A PREIMPACTMECHANICAL PROBLEM. THE PLT WAS FLYING THE ACFT FROM THE RGT SEAT. THE OUTBOARD (MALE) PORTION OF THE RGT SEAT BELT WAS FND CONNECTED TO THE INBOARD (FEMALE) PORTION OF THE LEFT SEAT BELT. LIKewise, THE OUTBOARD (MALE) PORTION OF THE LEFT SEAT BELT WAS FND CONNECTED TO THE INBOARD (FEMALE) PORTION OF THE RGT SEAT BELT; HOWEVER, THE INBOARD PORTION OF THE RGT SEAT BELT WAS NOT ANCHORED TO THE AIRFRAME. THE PASSENGERS (PAX) IN THE LEFT FRONT & LEFT REAR SEATS WERE FATALLY INJURED. A POSTMORTEM EXAM OF THE FATAL PAX FAILED TO DISCLOSE INJURIES COMMENSURATE WITH THE USE OF RESTRAINT SYSTEMS. A TOXICOLOGY CHECK SHOWED THE PLT HAD A BLOOD/ALCOHOL LVL OF 0.155%.

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 OBJECT
Phase of Operation: MANEUVERING

Findings

1. (C) JUDGMENT - POOR - PILOT IN COMMAND
2. (C) IMPAIRMENT(ALCOHOL) - PILOT IN COMMAND
3. (F) MISC EQPT/FURNISHINGS,SEAT BELT - DISCONNECTED
4. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
5. (F) SUPERVISION - INADEQUATE - PILOT IN COMMAND
6. (F) MISC EQPT/FURNISHINGS,SEAT BELT - NOT ENGAGED
7. (F) SEAT BELT - NOT USED - PASSENGER
8. MANEUVER - PERFORMED - PILOT IN COMMAND
9. (C) PROPER ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
10. (F) OBJECT - WIRE, TRANSMISSION
11. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	36, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	06/10/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	330 hours (Total, all aircraft), 70 hours (Total, this make and model), 150 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N8285C
Model/Series:	PA-28-161 PA-28-161	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	288116067
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	06/27/1986, 100 Hour	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:	80 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2670 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320
Registered Owner:	DAVID LEVEILLE	Rated Power:	160 hp
Operator:	NEW ENGLAND FLYERS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PMS, 101 ft msl	Distance from Accident Site:	7 Nautical Miles
Observation Time:	1055 EDT	Direction from Accident Site:	340°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	25 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots / 1 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	24° C / 13° C
Precipitation and Obscuration:			
Departure Point:	BEVERLY, MA	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1030 EDT	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Fatal, 1 Serious	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal, 2 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	PHILLIP POWELL	Report Date:	03/25/1988
Additional Participating Persons:	JIM SHEPARD; PORTLAND, ME WAYNE GILES; VERO BEACH, FL PAUL TESSIER; PORTSMOUTH, NH RICHARD BOLIN; PORTSMOUTH, NH		
Publish Date:			
Investigation Docket:	NTSB accident and incident docket 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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