



National Transportation Safety Board Aviation Accident Data Summary

Location:	FOLEY, AL	Accident Number:	ATL95LA033
Date & Time:	01/02/1995, 2130 CST	Registration:	N6829F
Aircraft:	PIPER PA-28-151	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACCORDING TO THE PILOT, WHILE ON THE THIRD TRAFFIC PATTERN OF A SERIES OF LANDINGS, HE SMELLED SOMETHING BURNING, AND HE SAW FLAMES COMING FROM THE ENGINE COWLING. THE PILOT SHORTENED THE TRAFFIC PATTERN AND TURNED TOWARD THE RUNWAY FOR AN EMERGENCY LANDING. THE AIRPLANE TOUCHED DOWN LONG, AND ROLLED OFF THE DEPARTURE END OF THE RUNWAY. EXAMINATION OF THE AIRPLANE DISCLOSED THAT THE RIGHT SIDE OF THE AIRFRAME WAS DESTROYED BY THE FIRE. THE FIRE ALSO DESTROYED SEVERAL COMPONENTS OF THE ENGINE ASSEMBLY, INCLUDING THE CARBURETOR. A REVIEW OF THE AIRCRAFT MAINTENANCE LOGS INDICATED THAT THE CARBURETOR HEAT BOX HAD BEEN REPLACED 38 HOURS BEFORE THE ACCIDENT. EXTENSIVE FIRE DAMAGE PREVENTED THE DISCOVERY OF OR THE EXCLUSION OF A COMPONENT FAILURE OR MALFUNCTION.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: AN ENGINE FIRE FOR UNDETERMINED REASONS.

Findings

Occurrence #1: FIRE
Phase of Operation: APPROACH - VFR PATTERN - DOWNWIND

- Findings
1. ENGINE COMPARTMENT - FIRE
 2. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: OVERRUN
Phase of Operation: LANDING

Pilot Information

Certificate:	Private	Age:	53
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	29 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N6829F
Model/Series:	PA-28-151 PA-28-151	Engines:	1 Reciprocating
Operator:	SKYKING AVIATION	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-E3D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	MOB, 218 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 15000 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 30°
Temperature:	5° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(5R4)	Destination:	

Airport Information

Airport:	FOLEY MUNICIPAL AIRPORT (5R4)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	3700 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	In-Flight
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): PHILLIP POWELL

Adopted Date: 07/31/1995

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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