



Aviation Investigation Final Report

Location:	HOPKINSVILLE, Kentucky	Accident Number:	ATL88LA247
Date & Time:	September 14, 1988, 07:28 Local	Registration:	N64718
Aircraft:	PIPER PA-60-602P	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Positioning		

Analysis

THE AIRPLANE OVERRAN RWY 26 DURING LDG, FOLLOWING AN SDF APPCH. THE PLT REPORTED THAT HE BROKE OUT OF THE WX ABOUT 1 MILE FROM THE RWY, WITH 2 TO 3 MILES VISIBILITY. HE SUBSEQUENTLY LANDED 'LONG' ON THE WET RWY WITH A TAILWIND, AND FOUND THAT BRAKING WAS NOT EFFECTIVE. THE AIRPLANE RAN OFF THE RWY END AND COLLIDED WITH THE SDF EQUIPMENT BOX. THE NEAREST WX REPORTING STATION WAS LOCATED APPROX 10 MI AWAY AT CAMPBELL AAF (HOP). A SPECIAL OBSERVATION MADE AT HOP REPORTED SKY PARTIALLY OBSCURED, VISIBILITY 1/16 MILE IN FOG & WIND 040 AT 6 KTS. HOP APPROACH GAVE THE WX INFO TO THE PLT SHORTLY AFTER INITIAL CONTACT. THE SDF 26 APPCH PLATE STATED THAT THE MINIMUM VISIBILITY FOR BOTH STRAIGHT-IN & CIRCLE-TO-LAND APPCHS WAS 1 MILE.

Probable Cause and Findings

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

Findings

Occurrence #1: OVERRUN
Phase of Operation: LANDING - ROLL

- Findings
1. WEATHER CONDITION - LOW CEILING

2. WEATHER CONDITION - FOG
3. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
4. (F) WEATHER CONDITION - TAILWIND
5. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
6. (C) PROPER TOUCHDOWN POINT - MISJUDGED - PILOT IN COMMAND
7. (F) TERRAIN CONDITION - WET

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

8. OBJECT - APPROACH LIGHT/NAVAID

Factual Information

Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	39, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	July 20, 1988
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	4101 hours (Total, all aircraft), 225 hours (Total, this make and model), 3826 hours (Pilot In Command, all aircraft), 91 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N64718
Model/Series:	PA-60-602P PA-60-602P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	60-8365004
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	August 18, 1988 AAIP	Certified Max Gross Wt.:	6000 lbs
Time Since Last Inspection:	3 Hrs	Engines:	2 Reciprocating
Airframe Total Time:	1133 Hrs	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-540-A1A5
Registered Owner:	BULLFROG, INC.	Rated Power:	290 Horsepower
Operator:		Operating Certificate(s) Held:	On-demand air taxi (135)
Operator Does Business As:	MILLION AIR, INC	Operator Designator Code:	FGQA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument (IMC)	Condition of Light:	Day
Observation Facility, Elevation:	HOP ,550 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	07:16 Local	Direction from Accident Site:	190°
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	40°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	22°C
Precipitation and Obscuration:	N/A - None - Fog		
Departure Point:	OWENSBORO , KY (OWB)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	06:50 Local	Type of Airspace:	Class G

Airport Information

Airport:	HOPKINSVILLE-CHRISTIAN CO 1M8	Runway Surface Type:	Asphalt
Airport Elevation:	553 ft msl	Runway Surface Condition:	Wet
Runway Used:	26	IFR Approach:	SDF
Runway Length/Width:	5000 ft / 75 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	36.850959,-87.489089(est)

Administrative Information

Investigator In Charge (IIC):	Strickland, Scott
Additional Participating Persons:	DAVID A ARNOLD; LOUISVILLE , KY
Original Publish Date:	January 4, 1990
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=7809

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