



# National Transportation Safety Board Aviation Accident Final Report

<b>Location:</b>	TERRE HAUTE, IN	<b>Accident Number:</b>	DCA84AA015
<b>Date &amp; Time:</b>	01/30/1984, 0630 EST	<b>Registration:</b>	N63Z
<b>Aircraft:</b>	SWEARINGEN SA226TC	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	3 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Positioning		

## Analysis

AFTER TAKING OFF FROM RWY 23, THE ACFT CRASHED SSW OF THE ARPT ABOUT 6300 FT FROM THE DEPARTURE END OF THE RWY & ABOUT 1800 FT TO THE LEFT OF THE RWY CENTERLINE. IMPACT OCCURRED WHILE THE ACFT WAS IN A STEEP DESCENT. THE WRECKAGE PATH WAS SCATTERED ALONG A HEADING OF 035 DEG FROM THE INITIAL IMPACT POINT. THE ACFT WAS DEMOLISHED BY IMPACT & FIRE & NO PREIMPACT PART FAILURE OR MALFUNCTION WAS FOUND THAT WOULD HAVE CAUSED THE ACCIDENT.

## Probable Cause and Findings

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

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF

### Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. LIGHT CONDITION - DAWN
3. WEATHER CONDITION - RAIN
4. WEATHER CONDITION - FOG

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline Transport; Commercial	<b>Age:</b>	64, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	01/20/1984
<b>Occupational Pilot:</b>	<b>Last Flight Review or Equivalent:</b>		
<b>Flight Time:</b>	19189 hours (Total, all aircraft), 1501 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	SWEARINGEN	<b>Registration:</b>	N63Z
<b>Model/Series:</b>	SA226TC SA226TC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	TC-240
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>	01/18/1984, Continuous Airworthiness	<b>Certified Max Gross Wt.:</b>	12500 lbs
<b>Time Since Last Inspection:</b>	568 Hours	<b>Engines:</b>	2 Turbo Prop
<b>Airframe Total Time:</b>	10607 Hours	<b>Engine Manufacturer:</b>	GARRETT
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	TPE-331
<b>Registered Owner:</b>	BRITT AIRWAYS	<b>Rated Power:</b>	840 hp
<b>Operator:</b>	BRITT AIRWAYS	<b>Operating Certificate(s) Held:</b>	Commuter Air Carrier (135)
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	RU

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dawn
Observation Facility, Elevation:	HUF, 585 ft msl	Distance from Accident Site:	2 Nautical Miles
Observation Time:	0635 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 1200 ft agl	Visibility	4 Miles
Lowest Ceiling:	Broken / 1200 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	3°C / -18°C
Precipitation and Obscuration:			
Departure Point:	(HUF)	Type of Flight Plan Filed:	IFR
Destination:	EVANSVILLE, IN (EVV)	Type of Clearance:	IFR
Departure Time:	0000	Type of Airspace:	Class E

## Airport Information

Airport:	HULMAN REGIONAL (HUF)	Runway Surface Type:	Asphalt
Airport Elevation:	585 ft	Runway Surface Condition:	Wet
Runway Used:	23	IFR Approach:	None
Runway Length/Width:	9020 ft / 150 ft	VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	3 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	R KAPUSTIN	Report Date:	
Additional Participating Persons:	WILLIS ZIESE; INDIANAPOLIS, IN DAN BRITT; TERRE HAUTE, IN WAYNE POMIG; TERRE HAUTE, IN		
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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