



National Transportation Safety Board Aviation Accident Final Report

Location:	BEDFORD, IN	Accident Number:	CHI86FA191
Date & Time:	08/02/1986, 1806 CDT	Registration:	N50HH
Aircraft:	HAWKER SIDDELEY DH-125-1A	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PLT CANCELED IFR 8 MILES FROM THE ARPT TO CONTINUE ON A VISUAL APCH AND LANDING. WITNESSES STATED A STRONG THUNDERSTORM HAD JUST PASSED OVER THE ARPT. WIND INFO ISSUED TO THE PLT BY UNICOM WERE WEST AT 20 KTS. WITNESSES OBSERVED THE ACFT APCH RWY 31 AND EXECUTE A GO-AROUND BEFORE TOUCHDOWN. THE ACFT CIRLED LEFT TO A RWY 6 (ALMOST DIRECT DOWNWIND) APCH. TOUCHDOWN OCCURRED ABOUT 2/3 DOWN THE 3100 FT LONG RWY. THE ENGINES WERE HEARD TO SPOOL UP TO HIGH POWER (NO THRUST REVERSERS) BUT THE ACFT DID NOT BECOME AIRBORNE. IT OVERRAN THE RWY INTO ROUGH TERRAIN AND CAUGHT FIRE. INVESTIGATION SHOWED THE LANDING GEAR WAS DOWN, FLAPS WERE AT APCH SETTING AND SPEED BRAKES WERE FULLY DEPLOYED.

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

Findings

1. (F) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
2. (F) WEATHER CONDITION - TAILWIND
3. (C) PROPER TOUCHDOWN POINT - NOT ATTAINED - PILOT IN COMMAND
4. (C) GO-AROUND - DELAYED - PILOT IN COMMAND
5. (F) SPEED BRAKES - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING

Findings

6. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	47, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	02/26/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	6544 hours (Total, all aircraft), 605 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	HAWKER SIDDELEY	Registration:	N50HH
Model/Series:	DH-125-1A DH-125-1A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	25022
Landing Gear Type:	Retractable - Tricycle	Seats:	9
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	24800 lbs
Time Since Last Inspection:		Engines:	2 Turbo Jet
Airframe Total Time:		Engine Manufacturer:	ROLLS-ROYCE
ELT:	Not installed	Engine Model/Series:	VIPER 522
Registered Owner:	AMERICAN AGRONOMICS	Rated Power:	3360 lbs
Operator:	FRED BULLARD & ASSOC.	Operating Certificate(s) Held:	None
Operator Does Business As:	INTERNATIONAL LEASING, INC.	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 1800 ft agl	Visibility	3 Miles
Lowest Ceiling:	Overcast / 1800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	20 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	27° C
Precipitation and Obscuration:			
Departure Point:	TOLEDO, OH (TOL)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	1708 CDT	Type of Airspace:	Class G

Airport Information

Airport:	VIRGIL GRISSOM (BFR)	Runway Surface Type:	Asphalt
Airport Elevation:	728 ft	Runway Surface Condition:	Wet
Runway Used:	6	IFR Approach:	Circling; Visual
Runway Length/Width:	3100 ft / 75 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	RONALD J SEBASTIAN	Report Date:	
Additional Participating Persons:	EDWARD ROBINSON; INDIANAPOLIS, IN JOHN B HAWKE; NEW CASTLE, DE MICHAEL J CLUNE; DES PLAINES, IL PHILIP A OLDFIELD; ATLANTA, GA		
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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