



National Transportation Safety Board Aviation Accident Data Summary

Location:	WHEELING, WV	Accident Number:	BFO88LA016
Date & Time:	02/01/1988, 1703 EST	Registration:	N287W
Aircraft:	DASSAULT DA-20	Injuries:	9 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE ACFT LANDED AFTER AN ILS APCH TO RWY 03. ACCORDING TO THE PLT SHORTLY AFTER TOUCHDOWN HE SAW DEER AHEAD ON THE RWY. BEFORE HE COULD TAKE EVASIVE ACTION THE ACFT STRUCK TWO DEER. AFTERWARDS BRAKE PRESSURE WAS LOST. THE PLT STEERED THE ACFT ONTO GRASS OFF THE RIGHT SIDE OF THE RWY TO AVOID GOING PAST THE RWY END AND DOWN A HILL. EXAMINATION OF THE ACFT REVEALED THAT THE DEER WERE STRUCK WITH THE LEFT MAIN GEAR, FRACTURING A HYDRAULIC BRAKE LINE.

Probable Cause

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - FOG
2. (C) OBJECT - ANIMAL(S)
3. (C) CLEARANCE - NOT POSSIBLE

Occurrence #2: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

4. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - DISABLED
5. BRAKES(NORMAL) - UNAVAILABLE
6. LANDING GEAR,NOSE GEAR ASSEMBLY - OVERLOAD

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	43
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Glider	Instructor Rating(s):	None
Flight Time:	8175 hours (Total, all aircraft), 2816 hours (Total, this make and model), 7382 hours (Pilot In Command, all aircraft), 120 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DASSAULT	Registration:	N287W
Model/Series:	DA-20 DA-20	Engines:	2 Turbo Jet
Operator:	NEVADA FLYCO INC	Engine Manufacturer:	GE
Operating Certificate(s) Held:	None	Engine Model/Series:	CF-700-2D2
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	HLG, 1196 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 1600 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:		Visibility	1 Miles
Precipitation and Obscuration:			
Departure Point:	CANTON, OH (CAK)	Destination:	WHEELING, WV (HLG)

Airport Information

Airport:	WHEELING-OHIO COUNTY (HLG)	Runway Surface Type:	Asphalt
Runway Used:	3	Runway Surface Condition:	Wet
Runway Length/Width:	5000 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	7 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): DENNIS L JONES

Adopted Date: 03/13/1989

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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