



National Transportation Safety Board Aviation Accident Data Summary

Location:	ANDERSON, IN	Accident Number:	CHI82DA033
Date & Time:	02/01/1982, 1130 EST	Registration:	N5400G
Aircraft:	GRUMMAN 1159	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Executive/Corporate		

Analysis

BEFORE THE AIRCRAFT ARRIVED, THE SNOW COVERED RUNWAY WAS PLOWED. A CESSNA 182 PILOT PREVIOUSLY REPORTED THE BRAKING ACTION AS FAIR TO POOR. THE AIRCREW DECIDED TO LAND AS CLOSE TO THE APPROACH END AS POSSIBLE. THE PILOT REPORTED THAT HE HAD NOT BEEN ADVISED BY NOTAM, TOWER, OR FBO OF A SNOWBANK WHICH WAS AT THE THRESHOLD. HE STATED THAT THE GROUND WAS WHITE FROM SNOW AND THAT THE SNOWBANK WAS NOT DISTINGUISHABLE. BOTH MAIN GEAR WENT THROUGH THE SNOWBANK. THE LEFT GEAR FAILED WHICH ALLOWED THE LEFT WING TO SETTLE TO THE GROUND AS THE LANDING CONTINUED.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) AIRPORT FACILITIES,RUNWAY/LANDING AREA CONDITION - SNOWBANK
2. (F) NOTAMS - NOT ISSUED - AIRPORT PERSONNEL
3. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Airline Transport	Age:	32
Airplane Rating(s):	Multi-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	9814 hours (Total, all aircraft), 2498 hours (Total, this make and model), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	GRUMMAN	Registration:	N5400G
Model/Series:	1159 1159	Engines:	2 Turbo Jet
Operator:	SUNBEAM CORPORATION	Engine Manufacturer:	ROLLS ROYCE
Operating Certificate(s) Held:		Engine Model/Series:	SPEY 511-8
Flight Conducted Under:	Part 91: General Aviation - Executive/Corporate		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	AID, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Overcast / 1800 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 210°
Temperature:	23°C	Visibility	6 Miles
Precipitation and Obscuration:			
Departure Point:	CHICAGO, IL (MDW)	Destination:	PEORIA, IL (3MY)

Airport Information

Airport:	ANDERSON MUNICIPAL (AID)	Runway Surface Type:	Asphalt
Runway Used:	30	Runway Surface Condition:	Snow--dry
Runway Length/Width:	5400 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):

Adopted Date: 02/01/1983

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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