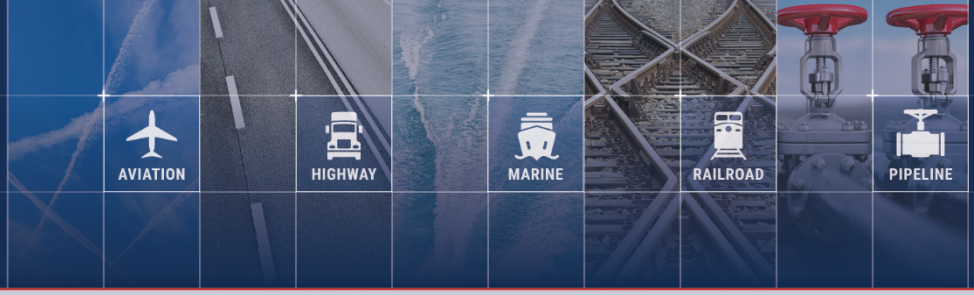

Aviation Investigation Final Report

Location:	OAKES, North Dakota	**Accident Number:**	DEN82DA135
Date & Time:	July 15, 1982, 22:00 Local	**Registration:**	N8878M
Aircraft:	BEECH A23	**Aircraft Damage:**	Substantial
Defining Event:		**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

DURING A NIGHT LANDING, THE AIRCRAFT TOUCHED DOWN ABOUT 220 FT SHORT OF THE APPROACH END OF THE RUNWAY. REPORTEDLY, THE WHEELS STRUCK A "WASHOUT" AND THE PLANE WAS SUBSTANTIALLY DAMAGED.

Probable Cause and Findings

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

Findings

Occurrence #1: UNDERSHOOT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings
1. (F) LIGHT CONDITION - DARK NIGHT
2. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
3. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings
4. (F) TERRAIN CONDITION - DITCH

Factual Information

Pilot Information

Certificate:	Private	**Age:**	52,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Unknown
Other Aircraft Rating(s):		**Restraint Used:**	
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim	**Last FAA Medical Exam:**	March 1, 1982
Occupational Pilot:	UNK	**Last Flight Review or Equivalent:**	
Flight Time:	174 hours (Total, all aircraft), 33 hours (Total, this make and model), 135 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	**Registration:**	N8878M
Model/Series:	A23 A23	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:		**Serial Number:**	M617
Landing Gear Type:	Tricycle	**Seats:**	4
Date/Type of Last Inspection:	Unknown	**Certified Max Gross Wt.:**	2350 lbs
Time Since Last Inspection:	0 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	1900 Hrs	**Engine Manufacturer:**	LYCOMING
ELT:	Installed	**Engine Model/Series:**	IO-346-A
Registered Owner:	ROBERT J. FORWARD	**Rated Power:**	165 Horsepower
Operator:	ROBERT J. FORWARD	**Operating Certificate(s) Held:**	
Operator Does Business As:		**Operator Designator Code:**	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Night/dark
Observation Facility, Elevation:		**Distance from Accident Site:**	
Observation Time:		**Direction from Accident Site:**	
Lowest Cloud Condition:	Unknown	**Visibility**	
Lowest Ceiling:	Unknown	**Visibility (RVR):**	
Wind Speed/Gusts:	/	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	0°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:		**Temperature/Dew Point:**	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	LISBON , ND (ND34)	**Type of Flight Plan Filed:**	None
Destination:	FRIENDSWOOD , TX (TO2)	**Type of Clearance:**	None
Departure Time:	00:00 Local	**Type of Airspace:**	

Airport Information

Airport:	OAKES MUNICIPAL ND49	**Runway Surface Type:**	Asphalt
Airport Elevation:	0 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	12	**IFR Approach:**	
Runway Length/Width:	3500 ft / 60 ft	**VFR Approach/Landing:**	Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:		**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 None	**Latitude, Longitude:**	46.130031,-98.079689(est)

Administrative Information

Investigator In Charge (IIC):	
Additional Participating Persons:	
Original Publish Date:	July 15, 1983
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=72064