



Aviation Investigation Final Report

Location:	HAHIRA, Georgia	Accident Number:	ATL90LA107
Date & Time:	May 4, 1990, 14:30 Local	Registration:	N6060N
Aircraft:	Beech A36	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT CONFIGURED THE AIRCRAFT FOR A SHORT FIELD LANDING TO A TURF RUNWAY. THE TOUCH DOWN WAS AT 70 KNOTS. THE AIRCRAFT TOUCHED DOWN IN SOFT SAND AND IMMEDIATELY VEERED TO THE RIGHT AND BEGAN A SLIDE THAT RESULTED IN COLLAPSE OF THE LANDING GEAR. THE PILOT REPORTED THAT GROUND SCARS INDICATE THAT THE VEER TO THE RIGHT COINCIDED WITH RIM MARKS IN THE SAND. EXAMINATION OF THE RIGHT MAIN TIRE DISCLOSED THAT A CUT EXISTED PRIOR TO THE ACCIDENT. THE CUT IS IN THE AREA OF THE TIRE SIDE WALL WHICH FAILED.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE RIGHT MAIN LANDING GEAR TIRE ON LANDING THE FAILURE OF THE PILOT TO DETECT AN EXISTING CUT ON THE RIGHT MAIN LANDING GEAR TIRE DURING PREFLIGHT.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) LANDING GEAR, TIRE - RUPTURED
2. (C) MAINTENANCE, INSPECTION - INADEQUATE - PILOT IN COMMAND

3. (F) TERRAIN CONDITION - LOOSE GRAVEL/SANDY

4. (F) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - NOT IDENTIFIED - PILOT IN COMMAND

Occurrence #2: GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Private	Age:	62, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	May 2, 1989
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	14070 hours (Total, all aircraft), 2500 hours (Total, this make and model), 14070 hours (Pilot In Command, all aircraft), 51 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N6060N
Model/Series:	A36 A36	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	E2153
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	June 2, 1989 Annual	Certified Max Gross Wt.:	3650 lbs
Time Since Last Inspection:	100 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1487 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	IO-550-B
Registered Owner:	FELLOWSHIP HOMES OF S CAROLINA	Rated Power:	300 Horsepower
Operator:	FELLOWSHIP HOMES	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	VLD ,204 ft msl	Distance from Accident Site:	11 Nautical Miles
Observation Time:	13:50 Local	Direction from Accident Site:	150°
Lowest Cloud Condition:	Unknown	Visibility	12 miles
Lowest Ceiling:	Broken / 3500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	31°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	VALDOSTA , GA (NONE)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	13:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	SHILO NONE	Runway Surface Type:	Grass/turf
Airport Elevation:	210 ft msl	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	3000 ft / 40 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	30.990297,-83.370819(est)

Administrative Information

Investigator In Charge (IIC):	Tonelli, James
Additional Participating Persons:	RANDY MARTIN;
Original Publish Date:	September 21, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=8237

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