



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	MANASSAS, VA	<b>Accident Number:</b>	BF088LA043
<b>Date &amp; Time:</b>	05/01/1988, 1700 EDT	<b>Registration:</b>	N9358S
<b>Aircraft:</b>	BEECH C23	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Personal

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## Analysis

THE PLT SAID THAT EARLIER HE ATTEMPTED TO LAND AT CARLISLE, PA AND DURING THE LNDG ROLL HE ENCOUNTERED A WIND GUST AND LOST DIRECTIONAL CONTROL OF THE ACFT. THE R WING RAISED AND THE ACFT WENT OFF THE SIDE OF THE RWY. THE PLT SAID HE HEARD A LOUD BUMP AS THE L WING DRAGGED THE GROUND. THE PLT REGAINED CONTROL AND DID A GO AROUND. HE FLEW TO MANASSAS AND LANDED. AS HE TRIED TO TURN OFF THE RWY THE L GEAR COLLAPSED. EXAMINATION OF THE ACFT REVEALED OVERLOAD FAILURE OF THE L MAIN GEAR HOUSING.

## Probable Cause and Findings

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

## Findings

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

### Findings

1. (F) WEATHER CONDITION - GUSTS
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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

### Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	40, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	09/10/1986
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	401 hours (Total, all aircraft), 396 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N9358S
<b>Model/Series:</b>	C23 C23	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	M1658
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	09/01/1987, Annual	<b>Certified Max Gross Wt.:</b>	2450 lbs
<b>Time Since Last Inspection:</b>	39 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2415 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-360-A4J
<b>Registered Owner:</b>	MILES J. MERRITT	<b>Rated Power:</b>	180 hp
<b>Operator:</b>	MILES J. MERRITT	<b>Operating Certificate(s) Held:</b>	None

## 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:	1500	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 5000 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	10°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	16 °C
Precipitation and Obscuration:			
Departure Point:	WINCHESTER, VA (W16)	Type of Flight Plan Filed:	None
Destination:	MANASSAS, VA (W10)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class E

## Airport Information

Airport:	MANASSAS (W10)	Runway Surface Type:	Asphalt
Airport Elevation:	285 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	3700 ft / 100 ft	VFR Approach/Landing:	Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	DENNIS L JONES	Report Date:	10/02/1989
Additional Participating Persons:	DOYAL MILLER; WASHINGTON, DC		
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).