



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Brevard, NC	<b>Accident Number:</b>	MIA03LA021
<b>Date &amp; Time:</b>	12/01/2002, 1025 EST	<b>Registration:</b>	N3529F
<b>Aircraft:</b>	Cessna 182J	<b>Injuries:</b>	3 Serious
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

According to the pilot during the takeoff roll the control yoke would not pull back to become airborne. He aborted the takeoff, at a point about two-thirds of the way down the 2,903-foot runway, and applied the brakes. The airplane departed the departure end of the runway, hit a ditch, and turned about 180 degrees opposite the direction of travel. Examination of the airplane's controls revealed control continuity to the ailerons and rudder. Elevator continuity was confirmed up to the baggage compartment. Due to impact damage to the forward fuselage area, continuity could not be confirmed to the yoke assembly. The bent control lock pin was found on the floorboard between the seats.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the jamming of the elevator control system for undetermined reason, which resulted in the airplane departing the runway, and impacting with a ditch, during the aborted takeoff.

## Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION  
Phase of Operation: TAKEOFF - ROLL/RUN

### Findings

1. (C) FLT CONTROL SYST, YOKE/CONTROL STICK - UNDETERMINED  
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: TAKEOFF - ABORTED

### Findings

2. TERRAIN CONDITION - DITCH

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	59
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	800 hours (Total, all aircraft), 370 hours (Total, this make and model), 25 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N3529F
<b>Model/Series:</b>	182J	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Olen Reid	<b>Engine Manufacturer:</b>	Continental
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-470-R
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KAVL, 2165 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None	<b>Wind Speed/Gusts, Direction:</b>	14 knots / , 360°
<b>Temperature:</b>	3°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Brevard, NC	<b>Destination:</b>	Alabaster, AL (EET)

## Airport Information

<b>Airport:</b>	Transylvania County (22W)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	27	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	2903 ft / 50 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 Serious	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>	35.270278, -82.477500		

## Administrative Information

**Investigator In Charge (IIC):** Alan J Yurman

**Adopted Date:** 03/30/2004

**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](mailto: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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