



# Aviation Investigation Final Report

<b>Location:</b>	ATHENS, Texas	<b>Accident Number:</b>	FTW88DPA09
<b>Date &amp; Time:</b>	September 18, 1988, 15:01 Local	<b>Registration:</b>	N86311
<b>Aircraft:</b>	AERONCA 11AC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

AFTER SETTING THE AIRCRAFT DOWN IN THE GRASS TO THE LEFT OF THE RUNWAY, THE PILOT STATED THAT A 40 MPH WIND GUST PICKED THE RIGHT WING UP AND SET THE AIRCRAFT ON ITS NOSE. HE ATTEMPTED TO KEEP THE FUSELAGE FROM TIPPING ALL THE WAY OVER AFTER DISEMBARKING; HOWEVER, THE WIND CONTINUED AND THE AIRCRAFT FELL ON ITS BACK. TOXICOLOGY TESTS OF THE PILOT'S BLOOD INDICATED 0.07% ALCOHOL.

## Probable Cause and Findings

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

### Findings

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

#### Findings

1. (F) WEATHER CONDITION - GUSTS
  2. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
  3. (F) IMPAIRMENT(ALCOHOL) - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

## Factual Information

### Pilot Information

<b>Certificate:</b>	None	<b>Age:</b>	39, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<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>	None None	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	60 hours (Total, all aircraft), 60 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	AERONCA	<b>Registration:</b>	N86311
<b>Model/Series:</b>	11AC 11AC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	11AC115
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	1250 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	O-200
<b>Registered Owner:</b>	HILL, JESSE F.	<b>Rated Power:</b>	65 Horsepower
<b>Operator:</b>	QUINN, JIMMY M.	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	Broken / 4000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots / 24 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	180°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	32°C / 21°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CORSICANA , TX (CRS )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	ATHENS , TX (F44 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:20 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	ATHENS MUNICIPAL F44	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	405 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3600 ft / 60 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	32.200717,-95.849716(est)

## Administrative Information

**Investigator In Charge (IIC):** Steich, Raymond

**Additional Participating Persons:**

**Original Publish Date:** March 26, 1990

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=22449>

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