



# Aviation Investigation Final Report

<b>Location:</b>	INDIANAPOLIS, Indiana	<b>Accident Number:</b>	CHI88LA085
<b>Date &amp; Time:</b>	March 26, 1988, 12:15 Local	<b>Registration:</b>	N5044G
<b>Aircraft:</b>	BELLANCA                      8GCBC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Other work use		

## Analysis

FIFTEEN MINUTES AFTER THE PILOT HAD TAKEN OFF ON A TOW PLANE OPERATION HE RETURNED TO THE LOCAL ARPT. AFTER LANDING HE TURNED DOWNWIND TO TAXI TO THE RAMP. THE WIND RAISED THE TAIL OF THE TAILWHEEL ACFT AND NOSED THE ACFT INVERTED. THE PILOT ESTIMATED THE WIND AT 18 KNOTS GUSTING TO 28.

## Probable Cause and Findings

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

### Findings

Occurrence #1: NOSE OVER  
Phase of Operation: TAXI - FROM LANDING

#### Findings

1. (F) WEATHER CONDITION - GUSTS
2. (F) WEATHER CONDITION - UNFAVORABLE WIND
3. (F) WEATHER CONDITION - TAILWIND
4. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline transport; Commercial	<b>Age:</b>	66, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	December 8, 1986
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	21506 hours (Total, all aircraft), 81 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BELLANCA	<b>Registration:</b>	N5044G
<b>Model/Series:</b>	8GCBC 8GCBC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	30479
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	February 19, 1988 Annual	<b>Certified Max Gross Wt.:</b>	2150 lbs
<b>Time Since Last Inspection:</b>	4 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1563 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-360-C2E
<b>Registered Owner:</b>	CENTRAL IN. SOARING SOCIETY	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>	CENTRAL INDIANA SOARING SOCIETY	<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>	IND ,798 ft msl	<b>Distance from Accident Site:</b>	23 Nautical Miles
<b>Observation Time:</b>	11:53 Local	<b>Direction from Accident Site:</b>	140°
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	8 miles
<b>Lowest Ceiling:</b>	Broken / 3500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	14 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	260°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	12°C / 3°C
<b>Precipitation and Obscuration:</b>	N/A - None - Haze		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:02 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	INDIANAPOLIS TERRY 152	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	921 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	22	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2700 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<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 None	<b>Latitude, Longitude:</b>	39.950794,-86.269287(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Mcavoy, Edward
<b>Additional Participating Persons:</b>	J DAVIS; INDIANAPOLIS , IN
<b>Original Publish Date:</b>	September 25, 1989
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=14059">https://data.nts.gov/Docket?ProjectID=14059</a>

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