



# Aviation Investigation Final Report

<b>Location:</b>	VIRGINIA BEACH, Virginia	<b>Accident Number:</b>	ATL84LA269
<b>Date &amp; Time:</b>	August 25, 1984, 13:30 Local	<b>Registration:</b>	N53957
<b>Aircraft:</b>	BELLANCA 7GCBC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

ON LANDING ROLL PLT DIVERTED AIRCRAFT TO RIGHT TO AVOID A TRUCK WHICH HAD PULLED ONTO THE RUNWAY. THIS PLACED THE AIRCRAFT IN LINE WITH BANNER TOWING EQUIPMENT. THE PLT APPLIED THE BRAKES WHILE THE TAIL WHEEL WAS STILL OFF THE GROUND IN ATTEMPTS TO STOP PRIOR TO COLLIDING WITH THE EQUIPMENT. THE AIRCRAFT SLOWED SOME AND THEN NOSED OVER ONTO ITS BACK. THE PLT STATED THE ACCIDENT COULD HAVE BEEN AVOIDED IF SHE HAD ADDED POWER AND RELEASED THE BRAKES JUST BEFORE THE AIRCRAFT NOSED OVER.

## 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: LANDING - ROLL

- Findings
1. (C) BRAKES(NORMAL) - IMPROPER USE OF - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	23,Female
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Center
<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 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	April 21, 1984
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	672 hours (Total, all aircraft), 320 hours (Total, this make and model), 530 hours (Pilot In Command, all aircraft), 134 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BELLANCA	<b>Registration:</b>	N53957
<b>Model/Series:</b>	7GCBC 7GCBC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	910-79
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	April 26, 1984 Annual	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>	93 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	920 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-320-A2B
<b>Registered Owner:</b>	CARRIER PIGEON ADVERTISING	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	
<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>	ORF	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	13:30 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 2500 ft AGL	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	16 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	10°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	26°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	VIRGINIA BEACH , VA	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	ATLANTIC AIRPARK	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	20 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2300 ft / 100 ft	<b>VFR Approach/Landing:</b>	Full stop

## 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>	

## Administrative Information

**Investigator In Charge (IIC):** Powell, Phillip

**Additional Participating Persons:** CHESTER DEBBET; RICHMOND , VA

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=6531>

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