



National Transportation Safety Board Aviation Accident Final Report

Location:	Brunswick, GA	Accident Number:	NYC08CA074
Date & Time:	01/02/2008, 1245 EDT	Registration:	N724BB
Aircraft:	Beech A36	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

During landing on runway 34, a 3,313 foot-long and 75-foot wide asphalt runway, the pilot of the Beech A36 airplane encountered a wind gust, which he estimated to be about 40 knots. The airplane then bounced on the runway and the landing gear collapsed, substantially damaging the right wing. The wind reported at the airport, 8 minutes after the accident, was from 300 degrees at 11 knots, gusting to 24 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for wind conditions. A factor in the accident was the wind gust.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

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

Factual Information

Pilot Information

Certificate:	Private	Age:	81, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	05/01/2007
Occupational Pilot:		Last Flight Review or Equivalent:	08/01/2007
Flight Time:	6040 hours (Total, all aircraft), 3000 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Beech	Registration:	N724BB
Model/Series:	A36	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	E-3151
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	05/01/2007, Continuous Airworthiness	Certified Max Gross Wt.:	3850 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1537 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-550
Registered Owner:	BK Corporation	Rated Power:	300 hp
Operator:	BK Corporation	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SSI, 19 ft msl	Observation Time:	1253 EST
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	3°C / -15°C
Lowest Ceiling:	None	Visibility	9 Miles
Wind Speed/Gusts, Direction:	11 knots/ 24 knots, 300°	Visibility (RVR):	
Altimeter Setting:	30.38 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	Light - Snow		
Departure Point:	Long Island	Type of Flight Plan Filed:	IFR
Destination:	Brunswick, GA (SSI)	Type of Clearance:	IFR
Departure Time:	0815 EST	Type of Airspace:	

Airport Information

Airport:	Malcolm McKinnon Airport (SSI)	Runway Surface Type:	Asphalt
Airport Elevation:	19 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	3313 ft / 75 ft	VFR Approach/Landing:	Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None		

Administrative Information

Investigator In Charge (IIC):	Jill M Andrews	Adopted Date:	02/28/2008
Additional Participating Persons:	Tom Daniels; FAA/FSDO; Atlanta, GA		
Publish Date:			
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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 , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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