



National Transportation Safety Board Aviation Accident Final Report

Location:	GADSDEN, AL	Accident Number:	ATL90FA024A
Date & Time:	11/05/1989, 1138 CST	Registration:	N3804F
Aircraft:	BEECH C90	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

A BEECH C90 (N3804F) & A CESSNA 172 (N52244) COLLIDED AT AN ALT OF ABOUT 200 TO 300 FT AGL AS THE 2 ACFT WERE TAKING OFF ON INTERSECTING RWYS AT AN UNCONTROLLED ARPT. THE BEECH PLTS WERE DEPARTING FROM RWY 6 WITH AN IFR FLIGHT PLAN, WHILE THE CESSNA PLTS WERE IN THE PATTERN ON AN INSTRUCTIONAL FLT, PERFORMING A TOUCH & GO. TWO ATP PILOTS WERE IN THE BEECH; AN INSTRUCTOR PLT (CFI) & A LOW-TIME STUDENT WERE IN THE CESSNA. BASED ON WITNESS INFORMATION, THE CESSNA CREW MADE AT LEAST 1 RADIO CALL ON UNICOM WHILE IN THE PATTERN BEFORE LNDG, AND ANOTHER CALL WHILE TAKING OFF. THE BEECH CREW REPORTEDLY MADE A RADIO CALL AS THE TAKEOFF ROLL WAS BEGUN. NEITHER FLT CREW APPEARED TO TAKE ANY EVASIVE ACTION UNTIL JUST BEFORE IMPACT. THE BEECH PLTS HAD RECEIVED A FLT PLAN CLEARANCE ON ANOTHER FREQ SHORTLY BEFORE TAKING OFF.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOTS OF BOTH AIRCRAFT TO MAINTAIN ADEQUATE VISUAL LOOKOUT TO SEE-AND-AVOID THE OTHER AIRCRAFT.

Findings

Occurrence #1: MIDAIR COLLISION
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
2. (C) VISUAL LOOKOUT - INADEQUATE - COPILOT/SECOND PILOT
3. (C) VISUAL LOOKOUT - INADEQUATE - PILOT OF OTHER AIRCRAFT

Factual Information

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	58, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/19/1989
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	10000 hours (Total, all aircraft), 125 hours (Last 90 days, all aircraft), 42 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N3804F
Model/Series:	C90 C90	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	LJ-947
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	08/07/1989, Continuous Airworthiness	Certified Max Gross Wt.:	9650 lbs
Time Since Last Inspection:	70 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	3449 Hours	Engine Manufacturer:	P&W
ELT:		Engine Model/Series:	PT6A-21
Registered Owner:	NEVADA FLYCO, INC.	Rated Power:	550 hp
Operator:	GULF STATES STEEL, INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ANB, 611 ft msl	Distance from Accident Site:	26 Nautical Miles
Observation Time:	1140 CST	Direction from Accident Site:	154°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	Broken / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23° C / 4° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	IFR
Destination:	GREER, SC (GSP)	Type of Clearance:	IFR
Departure Time:	1138 CST	Type of Airspace:	Class G

Airport Information

Airport:	GADSEN MUNI (GAD)	Runway Surface Type:	Asphalt
Airport Elevation:	569 ft	Runway Surface Condition:	Dry
Runway Used:	6	IFR Approach:	None
Runway Length/Width:	6803 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	SCOTT STRICKLAND	Report Date:	05/15/1992
Additional Participating Persons:			
Publish Date:			
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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