



National Transportation Safety Board Aviation Accident Final Report

Location:	CRESTVIEW, FL	Accident Number:	MIA91GA025
Date & Time:	11/13/1990, 0831 CST	Registration:	N2EP
Aircraft:	BEECH A-90	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	3 Fatal
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE PIC/CFI WAS CONDUCTING A PUBLIC USE INSTRUCTIONAL FLIGHT WITH TWO MILITARY RATED STUDENT PILOTS. THE AIRPLANE WAS OBSERVED AT ABOUT 60 TO 80 FT AGL SOUTH OF THE APPROACH END OF AN ACTIVE RUNWAY. IT YAWED TO THE RIGHT, AND BACK TO THE LEFT, COLLIDING WITH THE TERRAIN IN A 45 DEG LEFT-WING-LOW ATTITUDE, AND DISAPPEARED FROM VIEW. THE FLIGHT HAD BEEN IN THE PATTERN MAKING TOUCH-AND-GO'S, AND HAD EARLIER REPORTED A SINGLE-ENGINE APPROACH. THIS LANDING WAS TO BE A FULL-STOP.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT-IN-COMMAND/CFI IMPROPER SUPERVISION OF THE DUAL STUDENT. THIS RESULTED IN AN IN FLIGHT LOSS OF CONTROL, AND COLLISION WITH TERRAIN FOR FAILURE TO MAINTAIN MINIMUM CONTROL AIRSPEED (VMC) WHILE CONDUCTING A SIMULATED EMERGENCY PROCEDURE.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) EMERGENCY PROCEDURE - SIMULATED - PILOT IN COMMAND(CFI)
2. (C) SUPERVISION - IMPROPER - PILOT IN COMMAND(CFI)
3. (C) AIRSPEED(VMC) - NOT MAINTAINED - DUAL STUDENT

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	38, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	01/31/1990
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	9726 hours (Total, all aircraft), 135 hours (Total, this make and model), 6508 hours (Pilot In Command, all aircraft), 146 hours (Last 90 days, all aircraft), 59 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N2EP
Model/Series:	A-90 A-90	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	L5-284
Landing Gear Type:	Retractable - Tricycle	Seats:	9
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	9300 lbs
Time Since Last Inspection:	0 Hours	Engines:	2 Turbo Prop
Airframe Total Time:		Engine Manufacturer:	P&W
ELT:	Installed	Engine Model/Series:	PT6A-20
Registered Owner:	FLIGHT SAFETY INTERNATIONAL	Rated Power:	550 hp
Operator:	FLIGHT SAFETY INTERNATIONAL	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CEW, 215 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	0837 CST	Direction from Accident Site:	360°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	70°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:			
Departure Point:	CRESTVIEW, FL (CEW)	Type of Flight Plan Filed:	Company VFR
Destination:	DOTHAN, AL (DHN)	Type of Clearance:	None
Departure Time:	0710 CST	Type of Airspace:	

Airport Information

Airport:	BOB SIKES (CEW)	Runway Surface Type:	Asphalt
Airport Elevation:	215 ft	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	None
Runway Length/Width:	8000 ft / 150 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	3 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	3 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	CARROL A SMITH	Report Date:	12/14/1992
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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).