National Transportation Safety Board
Aviation Accident Final Report

Location:	CORAL SPRINGS, FL	**Accident Number:**	ATL87FA173
Date & Time:	06/18/1987, 1730 EDT	**Registration:**	N184MA
Aircraft:	MITSUBISHI MU-2B	**Aircraft Damage:**	Destroyed
Defining Event:		**Injuries:**	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT REPORTED TO GROUND PERSONNEL AT FORT LAUDERDALE THAT HE WAS EXPERIENCING AN AVIONICS PROBLEM AND THE PASSENGERENTRY DOOR WAS SPRUNG THE DAY BEFORE WHEN IT WAS SLAMMED; HOWEVER, THE PILOT ELECTED TO DEPART. THE AIRCRAFT WRECKAGE WAS LOCATED ON JUNE 19 IN THE EVERGLADES NEAR CORAL SPRINGS, FLORIDA. THE AIRCRAFT IMPACTED IN A NOSE LOW ATTITUDE. WRECKAGE WAS SCATTERED OVER AN AREA 211 FEET LONG BY 55 FEET WIDE. INVESTIGATION REVEALED NO PREIMPACT MECHANICAL MALFUNCTIONS/FAILURES.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: UNKNOWN

Findings
1. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
2. OPERATION WITH KNOWN DEFICIENCIES IN EQUIPMENT - PERFORMED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Airline Transport	**Age:**	51, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	None	**Restraint Used:**	
Instrument Rating(s):	Airplane	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	**Last FAA Medical Exam:**	03/03/1986
Occupational Pilot:		**Last Flight Review or Equivalent:**	
Flight Time:	8400 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MITSUBISHI	**Registration:**	N184MA
Model/Series:	MU-2B MU-2B	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	No
Airworthiness Certificate:	Normal	**Serial Number:**	218
Landing Gear Type:	Retractable - Tricycle	**Seats:**	7
Date/Type of Last Inspection:	04/10/1987, 100 Hour	**Certified Max Gross Wt.:**	10650 lbs
Time Since Last Inspection:	81 Hours	**Engines:**	2 Turbo Prop
Airframe Total Time:		**Engine Manufacturer:**	GARRETT
ELT:		**Engine Model/Series:**	TPE-331-1-151
Registered Owner:	GEORGE E MOORE	**Rated Power:**	665 hp
Operator:	GEORGE MOORE	**Operating Certificate(s) Held:**	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	**Condition of Light:**	Day
Observation Facility, Elevation:	FLL, 0 ft msl	**Distance from Accident Site:**	0 Nautical Miles
Observation Time:	2147	**Direction from Accident Site:**	0°
Lowest Cloud Condition:	Scattered / 1500 ft agl	**Visibility**	10 Miles
Lowest Ceiling:	Broken / 20000 ft agl	**Visibility (RVR):**	0 ft
Wind Speed/Gusts:	13 knots /	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	100°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30 inches Hg	**Temperature/Dew Point:**	29°C / 23°C
Precipitation and Obscuration:			
Departure Point:	FT LAUDERDALE, FL (FLL)	**Type of Flight Plan Filed:**	None
Destination:	(FXE)	**Type of Clearance:**	None
Departure Time:	1700 EDT	**Type of Airspace:**	Class G

Wreckage and Impact Information

Crew Injuries:	1 Fatal	**Aircraft Damage:**	Destroyed
Passenger Injuries:	N/A	**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 Fatal	**Latitude, Longitude:**	

Administrative Information

Investigator In Charge (IIC):	PHILLP POWELL	**Report Date:**	04/24/1989
Additional Participating Persons:	SCOTT STRICKLAND; ATLANTA, GA TIM MONVILLE; MIAMI, FL RALPH SORRELS; DALLAS, TX PETER B BAKER; PHOENIX, AZ		
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 pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at http://dms.ntsb.gov/pubdms/.		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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.