



National Transportation Safety Board Aviation Accident Final Report

Location:	CAMDEN, OH	Accident Number:	ATL88FA025
Date & Time:	11/01/1987, 1145 EST	Registration:	N4157
Aircraft:	MOONEY M-18C-55	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT TOOK OFF DOWNWIND AND DID NOT USE ALL OF THE AVAILABLE RUNWAY. WITH INSUFFICIENT AIRSPEED, THE AIRCRAFT STALLED SHORTLY AFTER TAKEOFF. THE PILOT WAS UNABLE TO RECOVER WITHIN THE ALTITUDE REMAINING AND COLLIDED WITH AN ONCOMING TRAIN.

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: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - TAILWIND
 2. (F) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
 3. (F) INATTENTIVE - PILOT IN COMMAND
 4. (F) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
 5. (C) AIRSPEED - NOT ATTAINED - PILOT IN COMMAND
 6. (C) LIFT-OFF - PREMATURE - PILOT IN COMMAND
 7. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND
 8. (C) STALL - ENCOUNTERED - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	51, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Center
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 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	07/01/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1488 hours (Total, all aircraft), 279 hours (Total, this make and model), 1175 hours (Pilot In Command, all aircraft), 7 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N4157
Model/Series:	M-18C-55 M-18C-55	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	323
Landing Gear Type:	Retractable - Tricycle	Seats:	1
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	850 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	A-65-8
Registered Owner:	CARLETON L. LOHSE	Rated Power:	65 hp
Operator:	CARLETON L. LOHSE	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DAY, 925 ft msl	Distance from Accident Site:	27 Nautical Miles
Observation Time:	1150 EST	Direction from Accident Site:	60°
Lowest Cloud Condition:	Scattered / 25000 ft agl	Visibility	7 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23° C / 10° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:	COLUMBUS, OH (OSU)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Airport Information

Airport:	MITE AIRFIELD	Runway Surface Type:	Grass/turf
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	3	IFR Approach:	None
Runway Length/Width:	1500 ft	VFR Approach/Landing:	None

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):	PHILLIP POWELL	Report Date:	05/16/1989
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.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](#).