



National Transportation Safety Board Aviation Accident Data Summary

Location:	MOULTRIE, GA	Accident Number:	ATL88LA027
Date & Time:	11/01/1987, 1430 EST	Registration:	N3798X
Aircraft:	AERO COMMANDER 100	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT TOOK OFF TO THE NORTH AT THE PRIVATE, SOD AIRSTRIP. HE RPTD THAT THE ACFT BEGAN TO 'DROP' SHORTLY AFTER LIFTOFF. HE THEN ATTEMPTED TO ARREST THE DESCENT BY INCREASING THE NOSE-UP PITCH ANGLE, AND THE ACFT 'BEGAN TO STALL'. HE ABORTED THE TAKEOFF AND PUT THE ACFT BACK ONTO THE RWY. THE ACFT RAN OFF THE RWY END INTO SOFT SAND AND COLLAPSED THE NOSE GEAR. HE NOTED THAT THE WIND VELOCITY WAS VARIABLE AT THE TIME.

Probable Cause

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. (C) LIFT-OFF - PREMATURE - PILOT IN COMMAND
2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
3. (F) STALL/MUSH - INADVERTENT - PILOT IN COMMAND
4. ABORTED TAKEOFF - ATTEMPTED - PILOT IN COMMAND

Occurrence #2: OVERRUN
Phase of Operation: TAKEOFF - ABORTED

Occurrence #3: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

5. (F) TERRAIN CONDITION - SOFT
6. LANDING GEAR,NOSE GEAR - OVERLOAD

Pilot Information

Certificate:	Private	Age:	32
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	361 hours (Total, all aircraft), 242 hours (Total, this make and model), 322 hours (Pilot In Command, all aircraft), 28 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERO COMMANDER	Registration:	N3798X
Model/Series:	100 100	Engines:	1 Reciprocating
Operator:	THOMAS W. ROWELL	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A2B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ABY, 197 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	14 knots / , 70°
Temperature:	28° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	PRIVATE	Runway Surface Type:	Grass/turf
Runway Used:	3	Runway Surface Condition:	
Runway Length/Width:	1900 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): SCOTT STRICKLAND Adopted Date: 05/16/1989

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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