



National Transportation Safety Board Aviation Accident Data Summary

Location:	INDIAN RIVER, FL	Accident Number:	MIA94LA204
Date & Time:	09/01/1994, 0641 EDT	Registration:	N53184
Aircraft:	CESSNA 188B	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE AGRICULTURAL APPLICATION FLIGHT HAD JUST DEPARTED AND WAS IN CRUISE FLIGHT ABOUT 100 FEET AGL WHEN THE ENGINE FAILED SUDDENLY. THE PILOT EXECUTED A FORCED LANDING TO A FIELD AND STRUCK A TREE ON LANDING ROLL. THE AIRPLANE BURST INTO FLAMES, THE PILOT ESCAPED AND THE AIRPLANE AND ENGINE WERE CONSUMED BY FLAMES. THE REASON FOR THE LOSS OF ENGINE POWER WAS NOT DETERMINED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE TOTAL LOSS OF ENGINE POWER FOR UNDETERMINED REASONS OVER TERRAIN UNSUITABLE FOR A FORCED LANDING.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE

Findings
1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING

Findings
2. (F) TERRAIN CONDITION - NONE SUITABLE

Occurrence #4: FIRE
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Commercial	Age:	50
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	17609 hours (Total, all aircraft), 2500 hours (Total, this make and model), 17500 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N53184
Model/Series:	188B 188B	Engines:	1 Reciprocating
Operator:	INDIAN RIVER FLYING SERVICE	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	IO-520-D
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	VRB, 20 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	23°C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	NEW HIBISCUS, FL (X52)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ANDREW A ALSTON	Adopted Date:	03/13/1995
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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