



Aviation Investigation Final Report

Location:	ODESSA, Florida	Accident Number:	MIA92FA121
Date & Time:	May 3, 1992, 18:12 Local	Registration:	N300DG
Aircraft:	CESSNA 310Q	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	3 Fatal
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE COMMERCIAL PILOT DEPARTED ON A VFR FLIGHT IN VFR CONDITIONS. NO FLIGHT PLAN WAS FILED. WITNESSES STATED THE AIRPLANE CLIMBED TO ABOUT 50-75 FEET AGL WHEN THE LANDING GEAR WAS RETRACTED. THE AIRPLANE WAS OBSERVED TO DRIFT TO THE LEFT OF THE RUNWAY AND DID NOT APPEAR TO GAIN ANY ADDITIONAL ALTITUDE. THE AIRPLANE CONTINUED TO ABOUT 3/4 OF A MILE OFF THE DEPARTURE END OF THE RUNWAY, WHEN THE AIRPLANE DISAPPEARED BELOW THE TREE LINE COLLIDING WITH TREES AND THE GROUND. A POSTCRASH FIRE ENSUED, AND THE PILOT AND TWO PASSENGERS WERE FATALLY INJURED. THE INVESTIGATION, INCLUDING AN EXAMINATION OF THE ENGINES AND PROPELLERS, DID NOT REVEAL EVIDENCE TO EXPLAIN A LOSE OF ENGINE POWER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: LOSS OF ENGINE POWER ON INITIAL TAKEOFF CLIMB ON ALL ENGINES FOR UNDETERMINED REASONS. THIS RESULTED IN A FORCED LANDING, IN FLIGHT COLLISION WITH TREES, TERRAIN, AND POSTCRASH FIRE.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. ALL ENGINES
2. REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - EMERGENCY

Findings

3. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Commercial	Age:	51, Male
Airplane Rating(s):	Single-engine land; Multi-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 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	May 6, 1991
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	7400 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N300DG
Model/Series:	310Q 310Q	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	3100-0486
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	January 2, 2000 Annual	Certified Max Gross Wt.:	5200 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	TSIO-520B
Registered Owner:	SMITH, GREGORY W.	Rated Power:	285 Horsepower
Operator:	RANDALL, ASA T.	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	TPA ,27 ft msl	Distance from Accident Site:	11 Nautical Miles
Observation Time:	18:54 Local	Direction from Accident Site:	330°
Lowest Cloud Condition:	Scattered / 3500 ft AGL	Visibility	12 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23°C / 18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:	BAINBRIDGE , GA (BGE)	Type of Clearance:	None
Departure Time:	18:10 Local	Type of Airspace:	Class G

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:	0 ft msl	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:	0 ft / 0 ft	VFR Approach/Landing:	Forced landing

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Fatal	Aircraft Fire:	On-ground
Ground Injuries:	N/A	Aircraft Explosion:	On-ground
Total Injuries:	3 Fatal	Latitude, Longitude:	28.129056,-82.5895(est)

Administrative Information

Investigator In Charge (IIC):	Smith, Carrol
Additional Participating Persons:	A.J. GUITZ; WICHITA ,KS DALE CARTER; MOBILE ,AL STANLEY F OKON; ORLANDO ,FL
Original Publish Date:	August 31, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=32988

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