



Aviation Investigation Final Report

Location:	GREENSBORO, North Carolina	Accident Number:	ATL83LA308
Date & Time:	August 2, 1983, 09:50 Local	Registration:	N39710
Aircraft:	CESSNA 310	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Serious, 4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE ACFT LANDED SHORT OF THE RWY AFTER A LOSS OF POWER IN THE ENGINE OCCURRED DURING THE SECOND APPROACH ATTEMPT TO THE AIRPORT. ACCORDING TO THE PLT, EMERGENCY PROCEDURES WERE INITIATED, AND AN ENGINE RESTART WAS ATTEMPTED. WHEN UNABLE TO RESTART THE ENGINE, THE PLT ELECTED TO LAND IN A CORNFIELD ABOUT 1 1/2 MI SHORT OF THE RUNWAY. EXAMINATION OF THE ACFT FUEL TANKS SHOWED LESS THAN 1 PINT IN THE LEFT MAIN, 2 GAL IN THE RIGHT MAIN AND AUXILIARY FUEL TANK APPROXIMATELY 1/2 FULL.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (F) FLUID,FUEL - STARVATION
2. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
3. (C) LACK OF TOTAL EXPERIENCE IN KIND OF AIRCRAFT - PILOT IN COMMAND
4. (C) FUEL SYSTEM - IMPROPER USE OF - PILOT IN COMMAND
5. (C) EMERGENCY PROCEDURE - IMPROPER - PILOT IN COMMAND

Occurrence #2: FORCED LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

6. (F) PROPELLER FEATHERING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #3: COMPLETE GEAR COLLAPSED

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

7. (F) TERRAIN CONDITION - ROUGH/UNEVEN

8. (F) LANDING GEAR,MAIN GEAR - OVERLOAD

9. (F) LANDING GEAR,NOSE GEAR - OVERLOAD

Factual Information

Pilot Information

Certificate:	Commercial	Age:	20, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	February 9, 1983
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	999 hours (Total, all aircraft), 13 hours (Total, this make and model), 857 hours (Pilot In Command, all aircraft), 140 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N39710
Model/Series:	310 310	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	310N-0013
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	May 25, 1983 Annual	Certified Max Gross Wt.:	5200 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	6822 Hrs	Engine Manufacturer:	Continental
ELT:	Not installed	Engine Model/Series:	IO-470-VO
Registered Owner:	ROLLING MEADOWS AVITION, INC.	Rated Power:	260 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument (IMC)	Condition of Light:	Day
Observation Facility, Elevation:	GSO ,926 ft msl	Distance from Accident Site:	
Observation Time:	09:49 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Unknown	Visibility	7 miles
Lowest Ceiling:	Broken / 700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23°C / 21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	HARRISBURG , PA (CXY)	Type of Flight Plan Filed:	IFR
Destination:	JONESBORO , GA (9A7)	Type of Clearance:	IFR
Departure Time:	07:30 Local	Type of Airspace:	Class D;Class E

Airport Information

Airport:	GREENSBORO GSO	Runway Surface Type:	Asphalt
Airport Elevation:	926 ft msl	Runway Surface Condition:	Dry
Runway Used:	23	IFR Approach:	ILS
Runway Length/Width:	8300 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Serious, 3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 4 None	Latitude, Longitude:	36.119018,-79.890327(est)

Administrative Information

Investigator In Charge (IIC): Ware, E.

Additional Participating Persons:

Original Publish Date:

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=6151>

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