



Aviation Investigation Final Report

Location:	RUSTON, Louisiana	Accident Number:	FTW88LA133
Date & Time:	July 17, 1988, 15:00 Local	Registration:	N295C
Aircraft:	CESSNA 310B	Aircraft Damage:	Minor
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

BOTH AIRPLANES WERE IN THE TRAFFIC PATTERN. THE CESSNA 152 MADE RADIO CALLS IN THE BLIND; THE CESSNA 310 DID NOT. BOTH AIRPLANES WERE ON FINAL AT THE SAME TIME WITH THE 152 IN THE LEAD AND THE 310 LOWER. THE 310 PASSED THE 152 JUST BEFORE TOUCHDOWN. THE 310 WAS ON THE GROUND AS THE 152 ROUNDED OUT RIGHT BEHIND IT. THE PILOTS IN THE 152 THEN SAW THE 310, ADDED FULL POWER, AND PULLED UP. THE LEFT HORIZONTAL STABILIZER OF THE 152 STRUCK THE VERTICAL STABILIZER OF THE 310. THE 310 STOPPED AND THE 152 LANDED IN FRONT OF THE 310 ON THE SAME RWY.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

1. (F) OBJECT - AIRCRAFT MOVING ON GROUND
2. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND

3. (C) VISUAL LOOKOUT - IMPROPER - PILOT IN COMMAND
4. (F) COMMUNICATIONS - INADEQUATE - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Private	Age:	41, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	January 27, 1987
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	378 hours (Total, all aircraft), 77 hours (Total, this make and model), 378 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N295C
Model/Series:	310B 310B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	35679
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	4700 lbs
Time Since Last Inspection:	37 Hrs	Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-M
Registered Owner:	JACKSON B. COOPER	Rated Power:	240 Horsepower
Operator:		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:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 3500 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	215°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	36°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ST. JOSEPH , LA (L33)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	14:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	MUNICIPAL RSN	Runway Surface Type:	Asphalt
Airport Elevation:	327 ft msl	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	4000 ft / 90 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

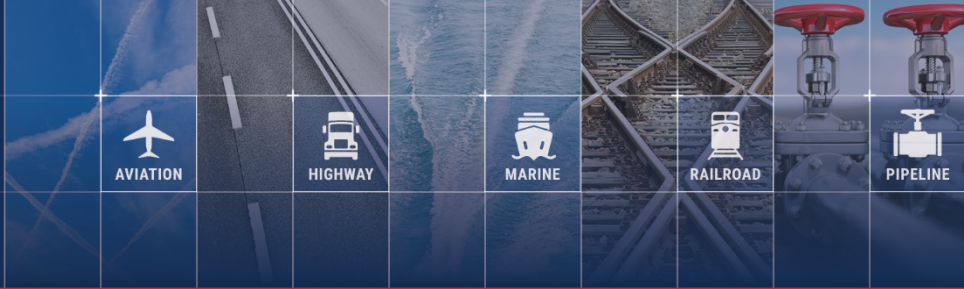
Crew Injuries:	1 None	Aircraft Damage:	Minor
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	32.529861,-92.630355(est)

Administrative Information

Investigator In Charge (IIC):	Roth, E.
Additional Participating Persons:	MYRON K HIRANO; BATON ROUGE , LA
Original Publish Date:	July 10, 1989
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=22660

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).



Aviation Investigation Final Report

Location:	RUSTON, Louisiana	Accident Number:	FTW88LA133
Date & Time:	July 17, 1988, 15:00 Local	Registration:	N93294
Aircraft:	CESSNA 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

BOTH AIRPLANES WERE IN THE TRAFFIC PATTERN. THE CESSNA 152 MADE RADIO CALLS IN THE BLIND; THE CESSNA 310 DID NOT. BOTH AIRPLANES WERE ON FINAL AT THE SAME TIME WITH THE 152 IN THE LEAD AND THE 310 LOWER. THE 310 PASSED THE 152 JUST BEFORE TOUCHDOWN. THE 310 WAS ON THE GROUND AS THE 152 ROUNDED OUT RIGHT BEHIND IT. THE PILOTS IN THE 152 THEN SAW THE 310, ADDED FULL POWER, AND PULLED UP. THE LEFT HORIZONTAL STABILIZER OF THE 152 STRUCK THE VERTICAL STABILIZER OF THE 310. THE 310 STOPPED AND THE 152 LANDED IN FRONT OF THE 310 ON THE SAME RWY.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) OBJECT - AIRCRAFT MOVING ON GROUND
2. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT OF OTHER AIRCRAFT

3. (C) VISUAL LOOKOUT - IMPROPER - PILOT OF OTHER AIRCRAFT
4. (F) COMMUNICATIONS - INADEQUATE - PILOT OF OTHER AIRCRAFT

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	25, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	April 7, 1988
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	1141 hours (Total, all aircraft), 341 hours (Total, this make and model), 938 hours (Pilot In Command, all aircraft), 58 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N93294
Model/Series:	152 152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	15285461
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	May 10, 1988 Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:	97 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-235-L2C
Registered Owner:	MCPAHAN AVIATION	Rated Power:	110 Horsepower
Operator:	LOUISIANA TECH UNIVERSITY	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:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 3500 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	215°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	36°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(RSN)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	14:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	MUNICIPAL RSN	Runway Surface Type:	Asphalt
Airport Elevation:	327 ft msl	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	4000 ft / 90 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	32.529861,-92.630355(est)

Administrative Information

Investigator In Charge (IIC): Roth, E.

Additional Participating Persons: MYRON K HIRANO; BATON ROUGE , LA

Original Publish Date: July 10, 1989

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=22660>

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