



# Aviation Investigation Final Report

<b>Location:</b>	PAULINA, Louisiana	<b>Accident Number:</b>	FTW91LA145
<b>Date &amp; Time:</b>	August 12, 1991, 13:42 Local	<b>Registration:</b>	N3493J
<b>Aircraft:</b>	CESSNA T188C	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Analysis

THE PILOT STATED HE FLEW HIS FIRST PASS OF THE SWATH RUN FROM THE SOUTH TO THE NORTH AND TURNED FOR HIS SECOND PASS. DURING THE SECOND PASS, THE PILOT SPOTTED WIRES STRUNG ACROSS THE FIELD AT ABOUT THE MID-POINT AND ATTEMPTED TO FLY UNDER THEM. THE WIRES CAUGHT ON THE VERTICAL AND HORIZONTAL STABILIZERS. THE PILOT LOST CONTROL OF THE AIRPLANE, AND IT IMPACTED IN THE SUGAR CANE FIELD. THE PILOT STATED HE HAD SPRAYED THAT FIELD ON SEVERAL OCCASIONS AND HE WAS AWARE OF THE WIRES.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN ADEQUATE VISUAL LOOKOUT FOR THE WIRES AND HIS MISJUDGING CLEARANCE WHEN HE ATTEMPTED TO FLY UNDER THE WIRES.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

### Findings

1. OBJECT - WIRE, TRANSMISSION
2. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND
3. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	44, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Center
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	April 24, 1991
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	7080 hours (Total, all aircraft), 1100 hours (Total, this make and model), 7025 hours (Pilot In Command, all aircraft), 393 hours (Last 90 days, all aircraft), 167 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N3493J
<b>Model/Series:</b>	T188C T188C	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Restricted (Special)	<b>Serial Number:</b>	T18803645T
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	February 7, 1991 Annual	<b>Certified Max Gross Wt.:</b>	4400 lbs
<b>Time Since Last Inspection:</b>	389 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3331 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	TSIO-520-T1B
<b>Registered Owner:</b>	GULF AIRE ENTERPRISES, INC.	<b>Rated Power:</b>	310 Horsepower
<b>Operator:</b>	GULF AIRE ENTERPRISES, INC.	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	Broken / 2000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	225°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	34°C / 24°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	VACHERIE , LA (NONE)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:30 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	30.039678,-90.740966(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Wandel, Warren
<b>Additional Participating Persons:</b>	S. MUNN; BATON ROUGE , LA
<b>Original Publish Date:</b>	March 31, 1993
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=23385">https://data.nts.gov/Docket?ProjectID=23385</a>

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